



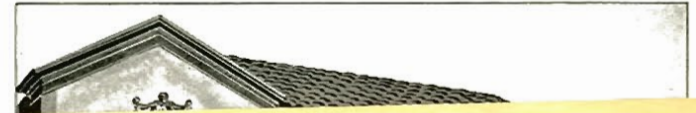
GUN SIGHTS
RELOADING TOOLS
SHOOTING SUPPLIES
REMODELING



PACIFIC GUN SIGHT CO.
355 Hayes St. • San Francisco, California

A Shooters Hand Book and Catalogue of Supplies

Prices Subject to change without notice



"We will Try to Fill Your Order"

In normal times we carry in stock every item listed in our Catalog—but these are war times and some of the items are not even being manufactured. We are still filling orders from our large stocks and will continue to give you the best service possible to help keep you "SHOOTING" for the duration.

Send along your order and we will try to fill it. If we can't fill it we will promptly send you a refund, or with your permission make a substitution when possible.

Yours for an early Victory
PACIFIC GUN SIGHT COMPANY

January 1, 1943

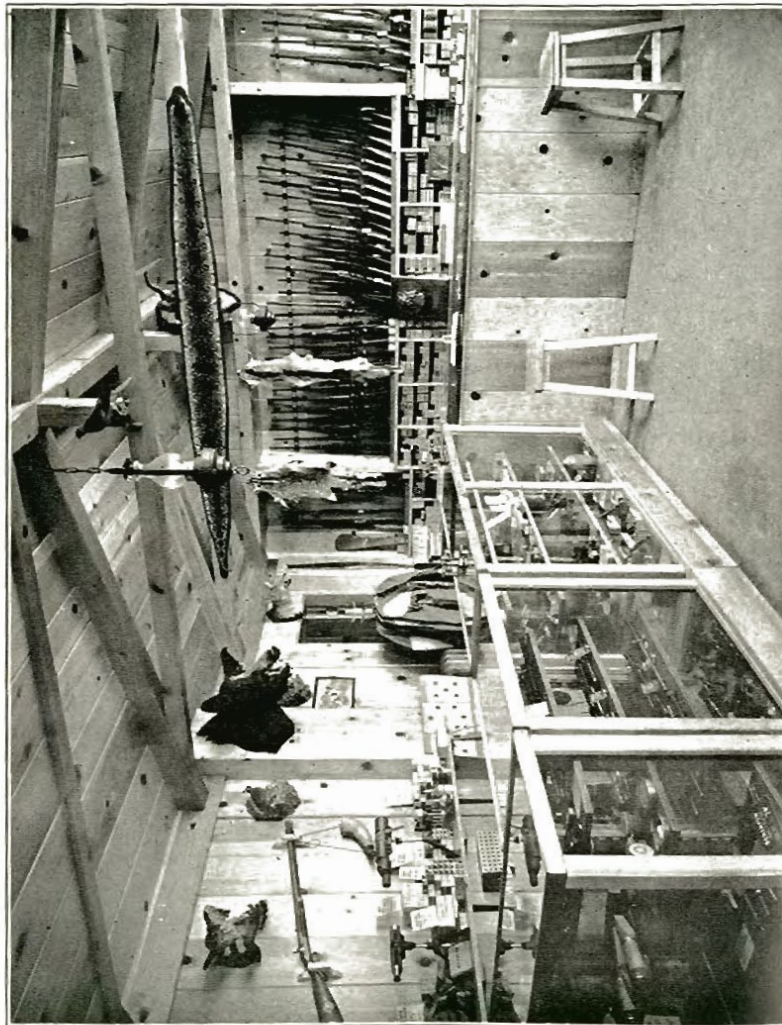
The largest exclusive Gun House in the West. Our entire building is devoted to firearms and shooters supplies.

Reloading

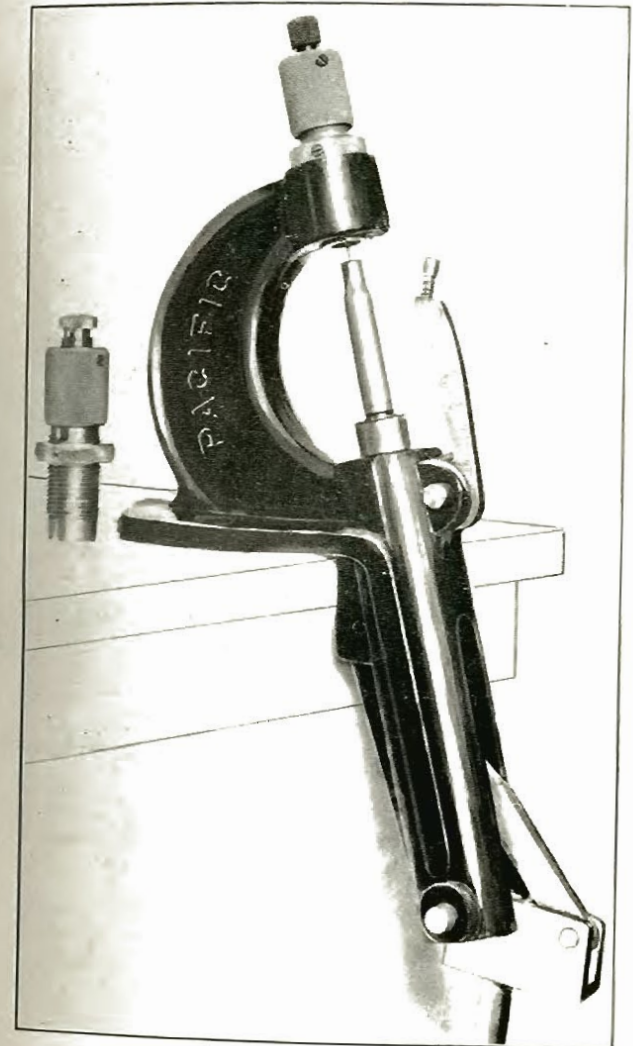
Remodeling

Resighting

Pacific Gun Sight Co.



PACIFIC RELOADING TOOL



U.S. Patent No. 1933940

Pacific Reloading Tool

A heavy duty, semi-automatic tool. Designed for speed and accuracy. It will full length resize any cartridge case.

Note the sturdy construction. The frame is one solid casting, which assures perfect alignment. The tool is built on just the correct angle to get the full benefit of the leverage. In reloading everything depends on the dies, and as all of the work of reloading is done inside of the dies, they must be ground to dead accuracy to insure the precision loads that the up-to-the-minute shooter of today demands.

We have been building reloading tools for some time and from our experience and observation we have come to the conclusion that it is not possible to make a dirt cheap tool and still maintain quality and fine dimensions.

The Pacific Reloading Tool is a rugged, heavy duty, semi-automatic tool. It weighs 10 lbs. and measures 14 inches from top to bottom, not including the handle. With this tool you can put in a fired shell and after one throw of the handle (up and down), you take out a live shell that has been decapped, recapped, neck and full length body resized, and inside expanded. The entire operation takes but a few seconds. Bullet seating is done in the same easy, speedy manner. By adding the necessary extra dies you can load as many different caliber cartridges with the same tool as you desire. All parts are interchangeable so that it is only the work of a few minutes to completely change the tool from one caliber to another.

Reload for Less than a Cent a Round

Make your own cast bullets—they cost you practically nothing. These bullets are not only extremely accurate, but they are also very easy on the barrel. For the price of one small box of factory ammunition, you can reload more cartridges than you would care to fire in a whole day's shooting. Metal for casting bullets can be obtained anywhere at a small cost and with 7000 grains of powder to the pound you can readily see how inexpensive reloading can be done. The cases will last indefinitely with light charges.

To get the real pleasure and satisfaction out of reloading you should have the full equipment—reloading tool (complete), scales, powder measures and (for cast bullets) a lubricator and sizer. If on the other hand it is desired to reload as economically as possible—just get a reloading tool—to measure your powder, use a dipper—one can easily be made by grinding down an empty shell until it holds just the correct amount of powder—to make handling easy, solder on a wire handle. This is all that you would need for loading metal jacket bullets. Cast bullets must be lubricated—an inexpensive method is to dip the bullet in melted lubricant—then pass bullet through a fired shell of which the primer end has been cut off. This will remove the surplus lubricant.

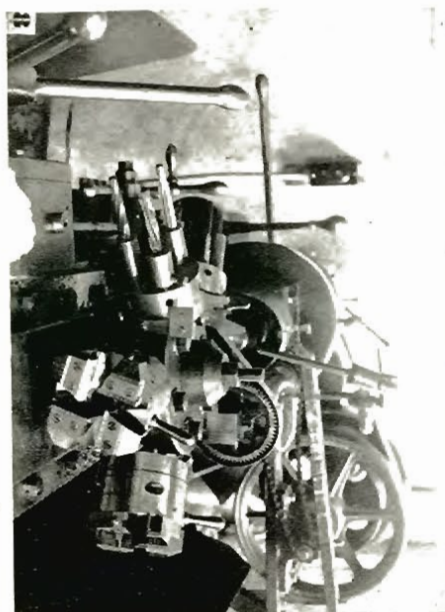


Fig. 6. Pacific Tools being assembled and tested.
Fig. 7. Machining Pacific resizing dies and bullet seating dies.

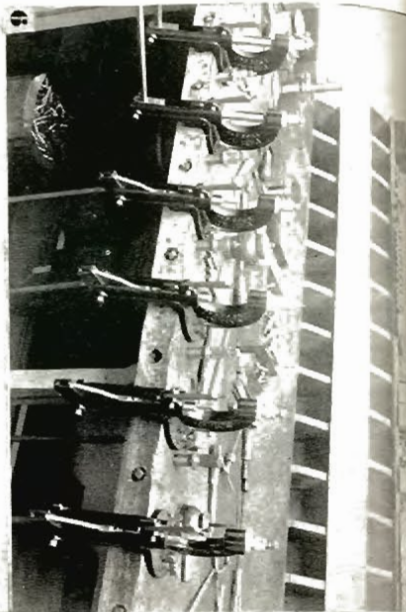
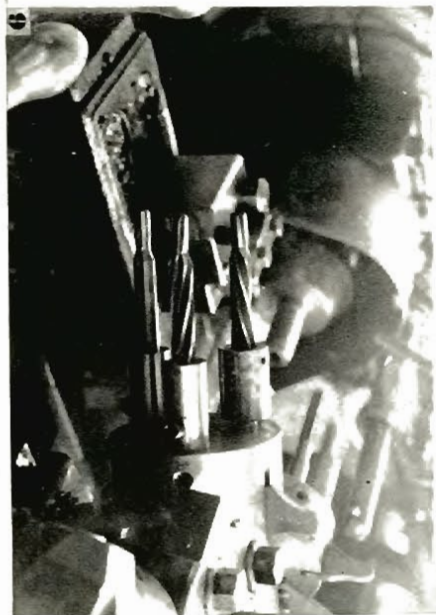
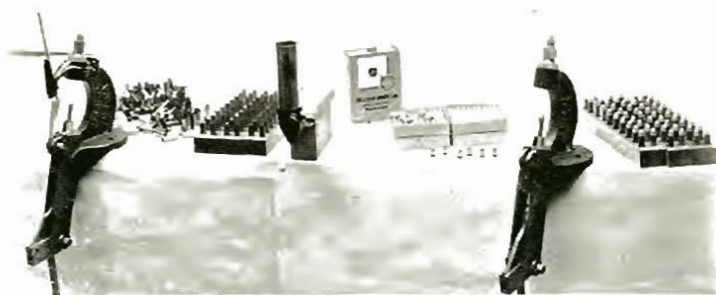


Fig. 8. Showing drill speeder and die heads and turret lathe.
Fig. 9. View of reamers for cartridge chamber in dies.





A Quantity Unit for pistol reloading, especially adapted for police and sheriff's departments where large amounts of ammunition are needed. **SAFE, FAST, and ACCURATE**, consists of one tool complete, extra frame, and a powder measure. Made for three operators. First operator resizes the shells, next operator puts them in the loading blocks and puts in the powder, the third operator seats the bullets.

Some Features of the "Pacific" Reloading Tool.

SHELL HOLDER grips the shell easily but firmly so that the case will enter the die without guiding it with the fingers.

DECAPPING PINS are quickly and easily replaced. A new supply is furnished with each tool.

TRAVEL OF SHELL HOLDER is set and the dies are made with adjustments which are set at the factory but can easily be changed to suit your own fancy.

THE DIES are adjustable for head space. **ALL BULLET SEATING DIES** for pistol and revolver cases are made with crimpers as standard equipment. Bullet seating dies for rifle cases can be equipped with crimpers at a slight additional cost. Bullet seating and crimping is done in one operation.

THE TOOL is easy to operate and there are no small parts to get lost. Due to the fact that all the necessary parts are case hardened, this tool will stand any amount of abuse and still give perfect service.

THE PRIMING DEVICE is so simple, positive, accurate, and easy to operate that it makes an automatic primer feed absolutely unnecessary and there is no waste of primers.

BULLET PULLING ATTACHMENT and **BULLET SIZERS** can be furnished and are interchangeable with the dies, and work with the same precision.

How to Operate

A fired shell is placed in the shell holder and the operating lever is brought to the top of its stroke. The shell has now been full body resized including the neck and decapped. A primer is placed in the priming cup and swung under the shell, the operating lever is pressed down, the primer is now seated firmly and accurately. The pressure on the operating lever is then released slightly and the priming cup swings out of the way automatically. The lever is now pressed all the way down and the inside expander rounds out the neck of the shell just before the lever is at the bottom of the stroke.

With the pistol and revolver shells the mouth of the shell is opened up slightly, so that a cast bullet may be easily seated without shaving the lead, this is all taken care of in the die and is adjustable.

BULLET SEATING is very easy as the work is done in an upright position, no powder spilling. Put the seating die in place, put the bullet on the top of the shell and place in tool, bring the lever all the way up and the bullet will be seated accurately. Crimping of either rifle or pistol shells is done at the same time if so desired.

LUBRICATE. Wipe off the empty shells with an oily rag to remove dirt and grit, swab the inside of the shell neck with graphite filled brush (a special brush is furnished with the tool), and dip every second shell a half of an inch in the graphite.

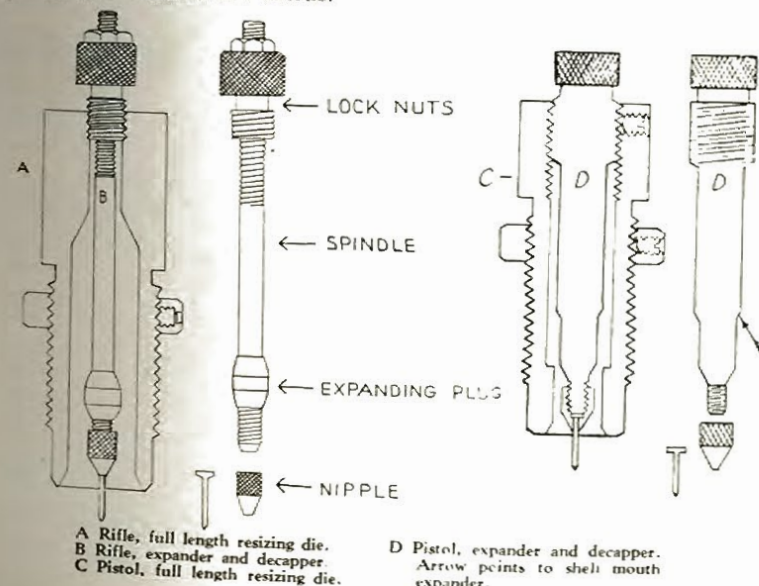
When Ordering Parts.

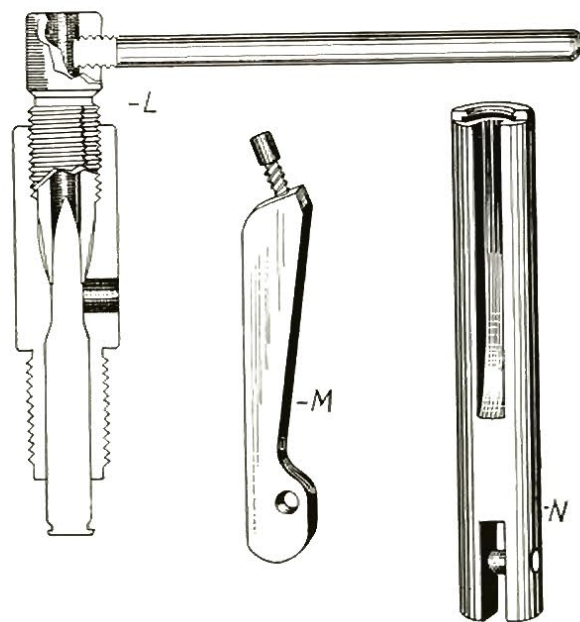
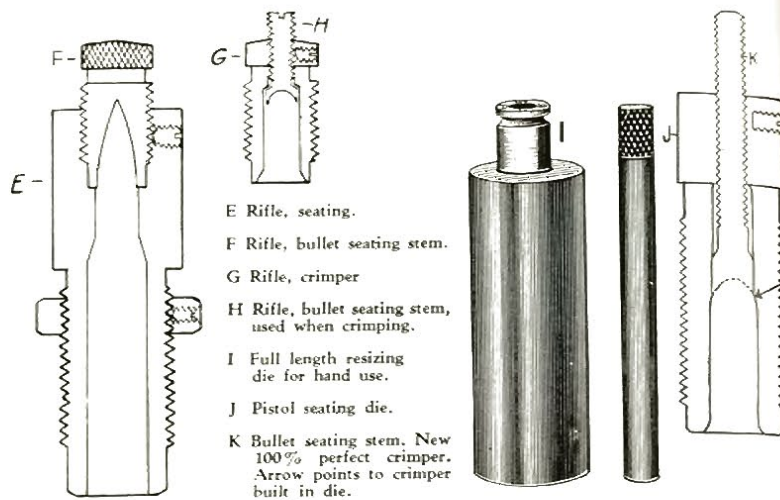
In ordering parts it will have to be understood that there are two sizes of primers in use, and if you use both small and large primers you will have to purchase an extra priming cup as only one of either size is furnished with the tool. 45 Auto. primers which are a special size will fit in the larger size priming cup. This part will be found in the price list. If you wish to crimp rifle shells order a bullet crimper for your rifle seating die. This part is not standard equipment. In changing from one cartridge to another, the shell holder may have to be changed if the head of the shell is different. This is easily done by removing the pin in the very bottom of the tool and allowing the shaft to drop out, replace with the correct shell holder and you are ready to proceed.

Cross section view of the heavy dies used in the Pacific Reloading Tool when the tool is used for full length resizing.

The Pacific Reloading Tool is sold F.O.B. factory.

This tool can be equipped to reload any caliber rifle or pistol shell. Shipping weight, 11 lbs. When ordering if you will send a few fired cases and sample bullets of the kind you intend to use, we will work to your specifications, which assures you perfect satisfaction. **TOOL COMPLETE MEANS** a tool with dies to decapp, recapp, neck or full length size, inside expand, seat and crimp bullets. Bullet sizer, bullet puller and moulds are extras.



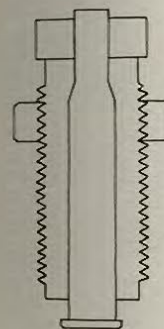


L—Bullet Puller for pulling metal jacketed bullets.
M—Priming Arm. N—Shell Holder.



Automatic Priming Feed
for those who must have extra speed. With this device it is possible to recap and prepare the shell for the powder and bullet as fast as the operator can feed the shells in the die. This is the only operation in reloading that can be speeded up without sacrificing accuracy. When ordering state size of primers.

Shell Trimmer



Cross section of a Pacific Shell Trimmer, showing stretched shell sticking out of top, ready to be trimmed.

One of the difficulties encountered with rifle reloading today is shell stretching, when maximum loads are used. These stretched shells are forced into the lands of the barrel. This acts the same as a crimper and bends the end of the shell against the bullet. This increases pressure and has a bad effect on accuracy.

The Pacific shell trimmer will eliminate this. The trimmer may be had in any caliber, where the length of the case is $1\frac{7}{8}$ " or more.

Put the trimmer in the tools the same as you would a resizing die, adjust it so a new shell is flush with the top. Put lengthened shell in shell holder and force into trimmer the same as if you were resizing the shell, trim off all the metal sticking out over the top, with a file.

Trimmer is made of the toughest of tool steel, tempered to a glass hardness so the file will not touch it. Trim burr off of the inside edge of shell with a knife or scraper and use steel wool on outside to remove burr. Be sure to use a smooth mill file.

Price \$3.50

Merit Melting Pot



Capacity, 20 lbs. of metal. It works equally well with a single or multiple cavity mould. Can be used on an ordinary gas stove or plate. The gravity feed gives just the right pressure to fill out all the corners in the mould, thereby making uniform bullets. Shipping weight 8 lbs. Price \$6.50

POWER - STRENGTH



No. 1 Shell. A 30-06 cartridge case (actual size).

No. 2. Shell. The same case run through a "PACIFIC" 250-3000 resizing die.

No. 1 Cartridge. A 30-06 Cartridge.

No. 2 Cartridge. The same cartridge case reshaped as illustrated. This cartridge is not intended for shooting. It is just to show to what extremes it is possible to go with Pacific dies.

The secret of these dies is perfect dimensions, extremely smooth inside finish and our system of heat treating, which makes the dies glass hard.

POWER: These pictures are shown to illustrate the power that can be developed by the Pacific reloading tool. The leverage is better than ten to one, so this multiplies your pressure on the handle over ten times.

STRENGTH: Pacific reloading tool frames or castings are made of semi-steel for extra strength. By having five tool frames broken, in an official testing machine, we found that an average pressure of 5872 pounds at the contact points was necessary to break these frames. This is real strength.



← **SHOWING THE LARGEST** cartridge for which we have ever made a reloading tool (375 H. & H. Magnum) and the smallest, (380 A.C.P.). Between these two extremes we have made dies for 68 different cartridges. Twenty of these are specials, the rest standard calibers. Among the outstanding specials that we have made dies for are the .22 Kilbourn Hornet, .22-3000 Lovell, .22-R2, .22 Neidner Magnum, .22 Varminter, .240 Super Varminter, .256 Neidner, Krag and Springfield, .276 Dubiel, .280 Dubiel, and .285 O.K.H.



How to Make Perfect Pistol Ammunition

This is everyone's dream and it can now be a reality. If every shell is the same length and has the same inside dimension, each powder charge is absolutely uniform, and each crimp is 100% perfect, it stands to reason that the pressure and let-off will be the same in each cartridge. With this uniformity in ammunition, you must shoot tighter groups. This is how you do this better pistol loading:

1. A fired shell is run through the shell trimmer with cutter, trimming all to the same length. This operation is not necessary each time you reload the shell. About once every five to ten times is sufficient. It all depends on how heavy a charge you use. Always be guided by the length of a new factory shell.

2. The shell is decapped, recapped, and full length resized.

3. The shell is run through the inside shell ironer. This gives the same uniform inside dimension, regardless of the difference in the thickness of the brass.

4. The correct and uniform powder charge is put in the shell with a Pacific powder measure. This is a fixed charge, so if you throw one or ten thousand charges, every one will be the same. Then the bullet is seated and crimped in our new type Tru-crimp die.

This is all very simple and it only calls for one extra operation and occasionally two extra operations (as explained in item No. 1). But these operations are very fast. It is for the man who is looking for perfection and isn't just interested in terrific speed in loading. For this type of pistol loading, there are two extras needed, a shell trimmer with cutter and an inside shell ironer. This type of reloading is not recommended for ordinary shooting; it is only recommended for the man who will go the limit to get the best to be had in accuracy.

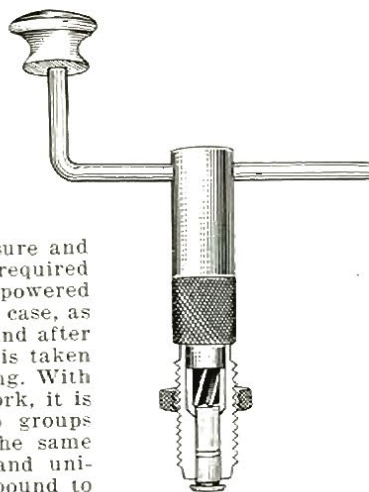


Inside Shell Ironer for Pistol Cases: This die is constructed on the order of a full length resizing die, only it does not work the brass on the outside. Its purpose is to iron out the case inside, thereby giving uniform inside dimensions to all cases, regardless of the difference in the thickness of the brass. This die makes one more operation in reloading and is only recommended for the man who is looking for super-quality ammunition and not for the man who is looking for speed in reloading only.

The inside shell ironer is custom built for your particular use. Therefore, when ordering be sure to give us the micrometer dimension of the bullet that you will use, or better still, send us a sized bullet. We need this to make the correct sized ironer. Price, \$3.50.

Shell Trimmer with Cutter for Pacific Tool

The trimmer shown in the illustration has a .38 Special case in place. The edge of the cutter has just engaged the end of the case. A few turns of the handle with light pressure and the shell is neatly trimmed to the required length. With rifle shells, the highpowered type, it is very necessary to trim the case, as they all have a tendency to stretch, and after a few reloads, unless this stretching is taken care of, it prevents proper chambering. With pistol shells, especially for target work, it is surprising how you can tighten up groups when the shells are all trimmed the same length, this means uniform crimp and uniform pressure. Two things that are bound to improve your score. The same cutter is used for all calibers. Get body only (lower section) for additional calibers. Trimmer complete \$6.50. Body only \$4.00.

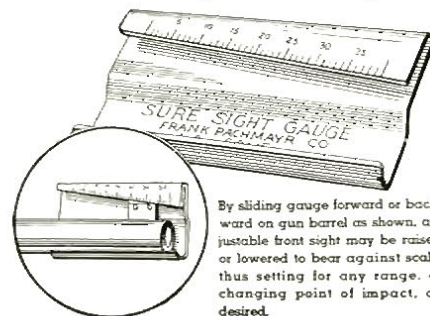


The Spangel Primer Catcher

This is an ingenious gadget that is attached to the Pacific reloading tool to catch the primers instead of letting them fall on the floor. No tools are necessary to install; all that you do is read the simple directions and put it on. Price.....\$1.75



Suresight Gauge



By sliding gauge forward or backward on gun barrel as shown, adjustable front sight may be raised or lowered to bear against scale, thus setting for any range, or changing point of impact, as desired.

Be sure to tell make and model of gun.

For any revolver or pistol having adjustable front sights. It is now possible to instantly adjust your sights to any range and do so accurately. Price \$1.50

HAND CAST BULLETS

United States Department of State
Arms and Ammunition Control, Register No. 206
All Bullets sized and lubricated—ready to load

	Per 100
.22 Calibre—Hornet, Swift, Magnum, Bee, Lovell	
225 48 gr. gas check, round nose.....	\$.80
225 48 gr. gas check, semi pointed.....	.80
.25 Calibre—250-3000, .257 Roberts	
257 93 gr. gas check, pointed.....	.95
.30 Calibre—30-06, 30-40	
311 169 gr. gas check, Squibb Miller.....	1.20
311 122 gr. gas check, pointed.....	1.20
358 207 gr. gas check, semi pointed.....	1.20
.38 Calibre—.38 Special, .357 Magnum	
358 158 gr. Standard .38 Special, round nose.....	.70
358 158 gr. wad cutter, hollow base.....	.70
358 160 gr. wad cutter, plain base.....	.70
258 146 gr. wad cutter, plain base.....	.70
358 150 gr. semi wad cutter, Keith type.....	.70
358 160 gr. Magnum, Sharp bullet.....	.70
.45 Calibre—	
452 230 gr. 45 auto, Standard.....	.90
454 255 gr. 45 Colt, Standard.....	.90
457 387 gr. 45-70.....	1.10

Sample bullets will be sent for any of the above listed bullets at 3c apiece.

Gas Checks

Gas Checks .22 to .30 cal., per 1000.....	1.75
Gas Checks .32 to .38/.55 cal., per 1000.....	2.00

Star Lubricator and Sizer

This lubricator embodies a newly perfected method of lubricating bullets. It is very substantially and carefully built and it is accurate and positive in its operations. A storage pressure system is used in the grease reservoir, by means of a compression spring, which feeds the grease to a high pressure pump. The pump automatically forces the lubricant into the grooves of the bullet. The bullet is then forced through the die by the entering of the next one.

One setting of the pressure screw lubricator greases from one hundred to two hundred bullets. The bullets being forced on through the die, making this tool about three times as fast as the ordinary lubricator.



Price \$20.00
Price on extra parts on application

Special bullet lubricant for the Star, 25c per stick

PACIFIC POWDER MEASURE For Pistol and Hornet Reloading

EXTREMELY ACCURATE—FIXED CHARGE—FAST



Shipping weight, 1 1/4 pounds.

The B. & M. Visible Powder Measure

Due to its unique construction, the makers of this measure claim it is by far the most accurate tool of its kind obtainable. It gives wonderful results with loading rifle shells but is rather slow for pistol reloading because the powder must be handled twice.

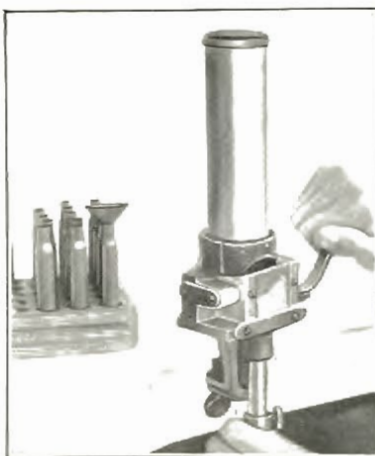
Most powder measures of today have but one hopper which feeds directly into a measuring chamber, with the result that the height and density of the powder column in the hopper have a direct influence on the weight of the powder charge thrown. Thus a full hopper of powder throws a heavier charge than one, a half, or a third full. The B. & M. Visible Powder Measure overcomes this fault because the main hopper is not connected to the measuring chamber. The powder is fed

This powder measure is the result of years of reloading experience. It is made for the pistol and Hornet reloader only. The idea is a fixed charge so there is no danger of a change in the load. With pistol loading, everything is speed. With this measure, you get speed and accuracy, one charge or 10,000 charges will all be the same.

The hopper is made of polished brass tubing, the base is cast iron, completely machined inside so the powder does not stick and the moving parts work freely. The charge cylinder is made of solid brass machined. Regularly supplied with cylinders to throw 2 1/2, 3, 3 1/2 or 4 grains.

For an extra price of \$1.00, the cylinder will be machined to throw a charge of any special weight, or you can do this work yourself with a drill or end mill.

Price for measure, \$4.50. Extra charge cylinders, 75c. Milling the charge cylinder to any specified charge, \$1.00.



from the main hopper into a secondary hopper or charger reservoir and from this into the measuring chamber. The charger reservoir is disconnected from the main hopper when it is connected to the measuring chamber. Thus the height of the powder in the main hopper has absolutely no effect on the weight of the charge thrown.

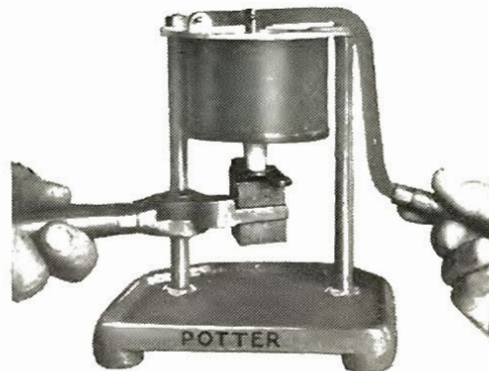
Shipping weight, 3 1/2 pounds. Price \$8.00.

Potter Improved Electric Melting Furnace

This is the Deluxe way of casting bullets. Very little heat; and the furnace may be connected to any of the electric outlets about the house so you can pick out the most comfortable spot and start to work. It will work equally well with a single or multiple cavity mold. With the furnace comes a 6 cavity ingot mold.

Price including 6 cavity ingot mould, \$10.00. Shipping wgt. 9 pounds.

Model B \$15.00
Shipping weight 12 lbs.



Loading Blocks

Actual experience has shown us that it is more practical to use smaller loading blocks of 20 holes than the larger blocks of 50 holes. These smaller blocks are much easier to handle, especially in pistol loading when powder is put in shell direct from charger. Price .30.



Powder Funnel

The Perfect Powder Funnel comes in 22 to 30 caliber. These funnels are smoothed inside, so no powder will stick. No rifle loading outfit is complete without one. Price .50.



Micrometer



A handy tool for the reloader, inexpensive and yet accurate. Good for checking up bullet sizes, finding out the expansion of fired cases and many other uses of interest to the reloader. Price.....\$2.25

A Large Melting Pot with Special Heat Retaining Base

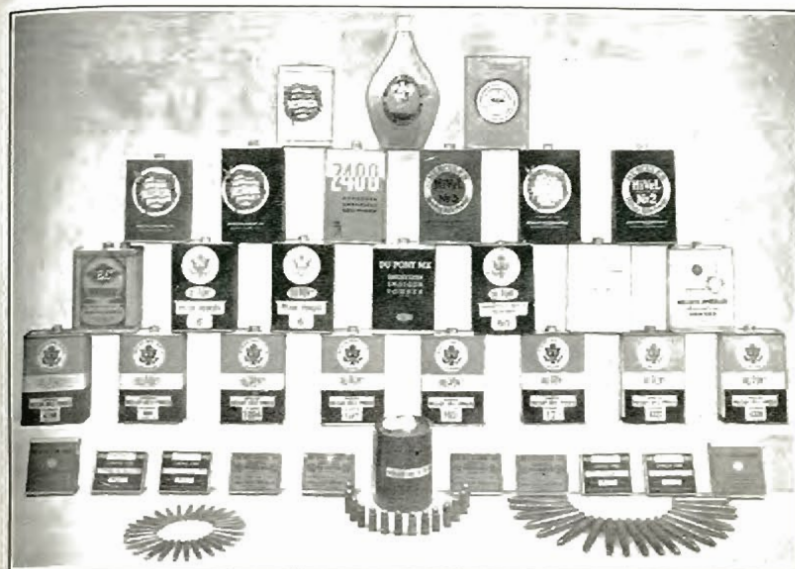
The capacity of this pot is about 35 pounds. This is most practical where a large amount of bullets are to be cast and an even temperature is necessary. The special heat retaining base helps to keep this even temperature and keeps the unnecessary heat away from the operator. To hold in even more heat, a layer of sheet asbestos can be wrapped around the base. This will keep every bit



of the heat on the pot and make it still more comfortable for the operator. Price of pot and heat retaining base, \$3.95. Shipping weight 17 lbs.

Price List

TOOL COMPLETE with S X RESIZING DIE (extra long wear).....	\$22.50
Tool complete with CARBON STEEL dies.....	20.50
FULL LENGTH OR NECK (Parts A or C) S X RESIZING DIE (extra long wear) all calibers, rifle, pistol or revolver, does not include expander	5.50
FULL LENGTH OR NECK RESIZING DIES (parts A or C), carbon steel, all calibers, rifle, pistol or revolver (does not in- clude expander)	3.50
FULL LENGTH RESIZING DIE (hand use) part 1.....	3.00
EXPANDERS (parts B or D), rifle, pistol or revolver, any cali- ber, any size (including decapping pin and holding nut).....	1.75
SEATING DIES (parts E and F), rifle, any caliber (including seater) for any shape bullet, but does not include crimper....	3.00
SEATING DIES (parts E, G, H) rifle, any caliber (including crimper and seater for any shape bullet)	\$4.00
SEATING DIES WITH CRIMPER for all 22 calibers.....	5.00
CRIMPER complete (parts G and H) for rifle dies (includes seater for any shape bullet)	2.50
CRIMPER COMPLETE for all 22 calibers.....	3.00
BULLET SEATER (part H) rifle, to be used with crimper.....	1.00
SEATING DIES (parts I, J and K) pistol or revolver (includes crimper and seater for any shape bullet)	4.00
BULLET SEATER (part K) pistol or revolver, any shape bullet	1.00
PRIMING CUPS (cup and arm are in one piece).....	1.50
DECAPPING PINS, 6 for 15c, heavy duty type 5c each, holding nipple 35c.....	2.00
SHELL HOLDER (any caliber shell)	5.00
BULLET PULLER (any caliber)	3.00
Automatic Priming feed (with one tube)	1.50
Extra tubes (each)	3.75
BULLET SIZERS (any caliber) .....	.50
GRAPHITE COMPOUND (large size)	



Reloading Needs

POWDER & PRIMERS, send for latest price list. We carry in stock everything that is needed for reloading.

Speedlube Lubricator and Sizer

Bullets are sized by being forced through a die of proper diameter and caught by a box or by hand as they come out at the bottom.

The bullet is left in position to be lubricated by the bullet pin when the handle is brought down. As the handle is raised it actuates a booster that forces lubricant into the bullet grooves. When the next bullet is in the die the lubricating pressure is released and the bullet drops out the bottom, with a clean base.

The pressure tube that contains the lubricant has a handle that reverses its action without coming off and it is only necessary to turn it down every five or ten bullets (depending upon the amount of lubricating grooves). This tube is 1 1/8 inches inside diameter and uses a Standard stick of lubricant, but it does not need a hole in the center.

Stewart Bullet Lubricant without a hole in the center is made special for this lubricator and sizer. 25c per stick.

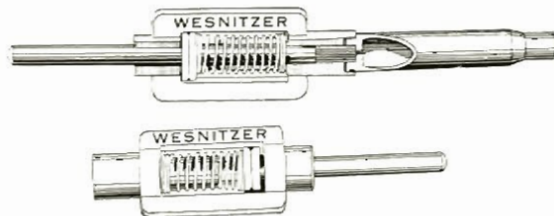


Price complete with
one set of dies...\$12.00

Extra dies..... 2.00

Bullet pins..... .50

Primer Pocket Cleaner



Attach to a drill press or motor with chuck attachment. Put shell in holder, press, and a small circular brush of steel wire cleans out the primer pocket to the very corner.

Price \$2.00

MELTING POT



Shipping weight 2 lbs.

\$1.00

DIPPER FOR BULLET METAL



.50

Shipping weight 1 lb.

Lubricator and Sizer

Sizes and lubricates bullets accurately, rapidly, and cleanly. Also helps to affix gas checks to gas check bullets. Furnished complete with die and punches for one bullet. To size different shape bullets of the same caliber a separate top punch G is required for each shape of bullet. To size bullets of different calibers complete sets of die H, Punch I and Top Punch G are required for each bullet. Can be supplied for all cast bullets.

Lubricator and Sizer.....\$10.00

Extra set of dies G, H, I 3.00



Shipping Wt. 4 lbs.

Stewart Bullet Lubricant

This lubricant is made of the best materials of proven quality that money can buy. Different tools and different climates need a lubricant of different consistency. For this reason, Stewart Lubricant is supplied in three grades:



No. 6x2 Soft

No. 4x2 Medium

No. 2x2 Hard

Price 25c

Powder Measures



A popular and practical measure. It meets the requirements of modern smokeless powders of which there is such a great variety, high and low pressure, bulk and dense—all of which can be accurately measured with the No. 5 measure—from the small 3 grain pistol charge to the full load for rifle shells.

Shipping weight 3 lbs.

No. 5 Powder Measure—plain adjustment model.....\$7.50
No. 5 Powder Measure—micrometer adjustment model\$10.00

Lyman-Ideal
Tru-Line Press

For detailed description of this press send for special circular.



GROUP No. 1

.38 Special or 30/06\$35.00

GROUP No. 2

.22 Hornet, .220 Swift, .257 Roberts, .270 Winchester, .250-3000,
.30-40, .45 A.C.P., or .44 Special.....\$37.00

The Star Progressive Reloading Tool

For pistol and revolver a complete reload is made in one stroke of the hand lever and by handling the shell only once. In stability of continuous operation it is unsurpassed by any loader in the field. The powder carrier has passed the closest inspection and throws as accurate a charge as can be metered. All tools and dies are adjustably mounted in a tool head, performing their operations on the shells in their respective positions simultaneously.

PRICES

Progressive Reloading Tool, 38 cal.....\$64.00

Wt. about 22 lbs. Prices of other calibers on request.

Universal-Progressive Reloader, will adapt to all popular hand gun calibers, price equipped for one caliber..... 80.00



Ideal Hand Reloading Tools

For hand reloading when speed is not necessary this implement is the handiest and most complete tool made. With it and the several attachments, the old primer may be extracted from the shell and a new one inserted; the muzzle of the shell may be reduced, or expanded, to fit the bullet; the end of the shell may be crimped on the bullet or left uncrimped; the bullet may be sized to fit the gun and may be seated in the shell any depth required.

In ordering be sure to state the cartridge desired to reload and the kind or number of the bullet to be used.

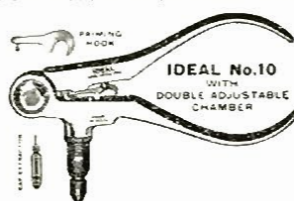
TOOL No. 3 AND THE CARTRIDGES IT CAN BE FURNISHED FOR:

22 Hornett	32-40 Mar. & Win.
22 Sav. H.P.	Win.
25-20 Repeater	38 S. & W. Spec. & 38 Colt Spec.
25-35 W. C. F.	38-44 S. & W.
30-30 W. C. F.	44 S. & W. Russ.
30-40 Krag (30 Army)	44 S. & W. Spec.
303 Sav.	45 Colt.
303 British.	45-70-405 Govt.
32-20 (32 Win.)	7.62 m/m Russ.



Price \$5.50. Shipping Weight 1 1/4 lbs.

TOOL No. 10 AND THE CARTRIDGES IT CAN BE FURNISHED FOR:



Price \$5.50. Shipping Weight 1 1/4 lbs.

.25 Rem. Auto.	.30 Luger Auto Pistol.	.38 Colt Auto. Pistol.
.250-3000 Sav.	.30 Rem. Auto.	.380 Colt Auto.
.25 (30-06) Spec.	.300 Savage.	.400 Whelen.
.256 Newton.	.30-06 Springfield.	.401 Win. Self-Loading.
.257 Roberts.	.30 Magnum.	.45 Colt. Auto. Pistol.
.270 W. C. F.	.32 Rem. Auto.	6 m/m U. S. Navy.
.280 Ross.	.32 Colt Auto.	6.5 m/m Mannlicher.
	.32 Win. Self-Loading.	7 m/m Mauser.
	.35 Win. Self-Loading.	7.63 m/m Mauser Auto. Pistol.
	.35 Rem. Auto.	7.65 m/m Mauser.
	.35 Whelen.	8 m/m Mauser.
	.35 Magnum.	9 m/m Mauser.
	.35 Newton.	9 m/m Luger.
	.351 Win. Self-Loading.	
	.375 Magnum.	

FOR USE WITH TOOL No. 3 or No. 10



Bullet sizing chamber \$1.75



Shell expanding chamber \$1.75



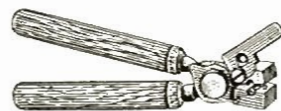
Muzzle resizer \$1.00

Bronze Bullet Moulds

These moulds are made of bronze, are perfectly machined and have long cool handles. Bronze molds are easy to break in and cast clean bullets. Moulds are sold complete with handles. Made for standard Ideal bullets only.

Shipping weight 2 lbs.

Regular base moulds	\$3.50	Hollow base moulds	4.50
Hollow point moulds			4.50



Pacific Bullet Moulds



A Simple Method to Prevent Leading When Shooting Cast Bullets

Melt the stick of No-Lead and dip the bullet end into the mixture up to the crimp. This results in leaving a very thin film of wax on the bullet, the same as lubricated 22 cartridges.

The wax film is quite hard so that it stays in shape long enough to lubricate the entire barrel ahead of the bullet. This doesn't give the lead of that particular bullet a chance to get an anchorage in the barrel. Each time you fire a shot the operation is repeated and you automatically have a clean barrel at all times.

Price 25c

Ideal Bullet Moulds



The newly designed and Improved Ideal Single Bullet Mould is made with Detachable Interchangeable Blocks. This makes it possible to have several moulds of different bullets and using only one handle. Ideal moulds are made of steel and very accurately machined, the handles are long and cool. Either Pacific or Ideal moulds can be furnished for casting nearly 700 different bullets.

Complete Regular and Improved Designs	\$5.00
Complete Regular and Improved Designs for Shot Gun (Round Ball)	5.50
Complete moulds for special bullets	7.50
Complete Regular and Improved Designs for Hollow Base Bullets	6.50
Improved Model, Block only, Usual Style Bullet	4.00
Improved Model, Block only, Express Bullet	5.50
Improved Model, Block only, Shot Gun (Round Ball)	4.50
Improved Model, Block only, Hollow Base Bullet	5.50
Improved Model, Handles only	1.50

Some Standard Ideal Bullets

The Ideal Hand Book lists and illustrates 121 standard bullets and 146 special bullets, giving over 700 variations of loads.

Price \$.50

321232 356402 358242 358246 358311 360271-S 360344-S



170 grs.



123 grs.



125 grs.



147 grs.



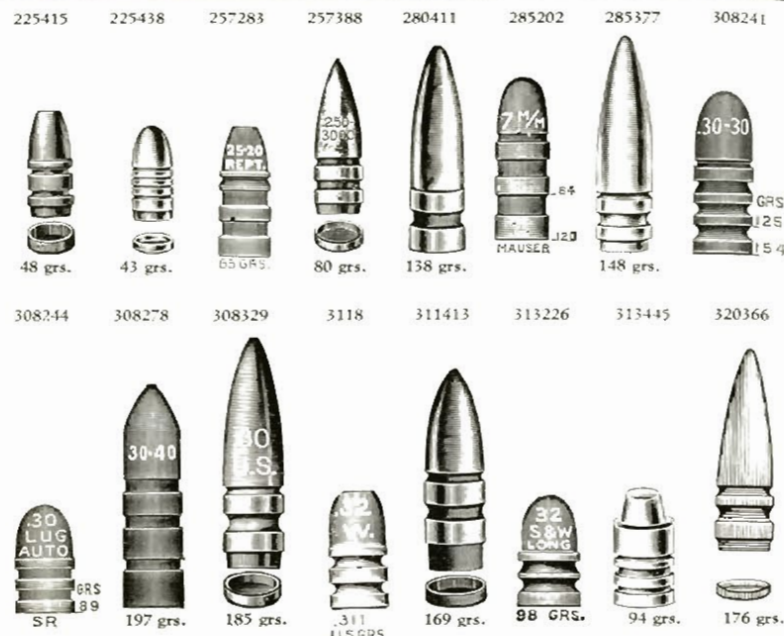
158 grs.



150 grs.

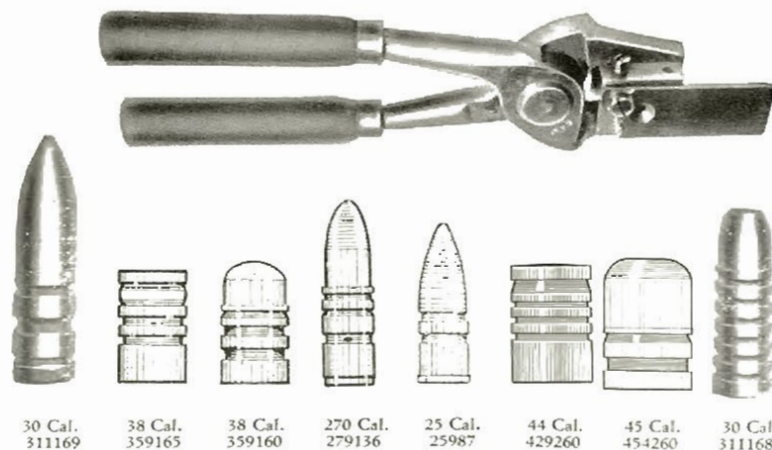


150 grs.



B. & M. Moulds and Bullets

Get a B. & M. Hand Book on reloading for the complete list of bullets and loads. Price \$.50



Price, Single Cavity \$5.25
 Price, Double Cavity 7.00
 Shipping weight, 2 pounds, 8 ounces.

Cramer Moulds and Bullets

2 Cavity	\$ 6.00
3 Cavity	7.50
5 Cavity	15.00
8 Cavity	20.00
10 Cavity	30.00
Special Cherries	8.50

Cramer Pressure Lead Dipper



Heavy Duty Dipper \$1.00

10 Cavity Mould

38 cal.



38 cal.



38 cal.



30 cal.



Send for circular listing and illustrating the complete line of Cramer bullets.

Hensley Moulds and Bullets

Improved steel one cavity, weight 2 lbs.....	\$ 5.00
Improved steel two cavity, weight 2 lbs.....	6.00
Improved steel four cavity, weight 3 lbs.....	12.00
Improved steel six cavity, weight 5 lbs.....	18.00



38 CAL. BULLETS

No. 27	358-158 grains
No. 17	358-158 grains
No. 24	358-165 grains
No. 28	358-158 grains
No. 39	358-158 grains
No. 47	358-158 grains
No. 43	358-173 grains
No. 48	358-158 grains, S. & W. Mag.
No. 51	358-160 grains Sharpe Bullet
No. 12	358-150 grains, 140 & 130
No. 37	358-160 grains
No. 36	358-155 grains
No. 50	358-146 grains
No. 9	358-150 grains
No. 49	358-158 grains
No. 41	358-110 grains

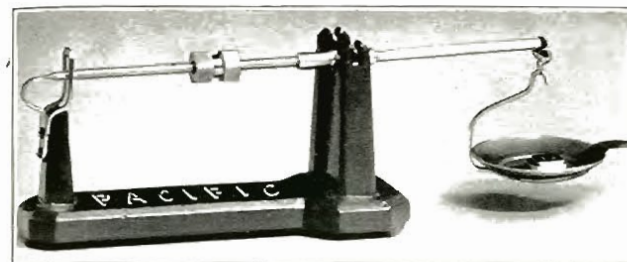


30 CAL.

No. 42	312-225 grains
No. 20	312-170 grains
No. 38	312-120 grains, Ness. Safety
No. 33	312-140 grains
No. 25	312-120 & 90

Send for circular
showing the
complete line.

Scales



Pacific Powder and Bullet Scales. The dream of the cartridge loader is now realized. A truly accurate scales at a reasonable price. At the price asked, no reloader should be without one of these scales. They have the approval of the loading authorities of the country. The beam rides on steel knife edges, this gives the extreme accuracy. Sensitive to less than 1-10 of a grain. A set of weights consists of four 1-10-grain weights, one each 1/2, 1, 2, 3, 4, 5 and 6, and two 20-grain weights. With this combination, you can accurately weigh by one-tenth grains, any powder charge desirable. Capacity 242 grains.

Price, without weights	\$6.00
With weights	7.00
Weights	2.00

Shipping weight 3 lbs.



BEAM SCALES. The beam, which is mounted on a suitable stand fitted with leveling screw and spirit level, is made in two sections, both having notched tops and knife edge poises. The sections are graduated to full capacity in drachms and grains respectively.

The beams, poises, forks and pan are made of brass and are nickel plated. A black enamel finish with gold striping is used on the base

\$21.50

Shipping weight 4 lbs.

BULLETS

Western Tool & Copper Works Improved Non-Fouling Cased Bullets

The Improved Non-fouling Bullets listed, belong to the class of sporting bullets known as "Pointed" and "Semi-Pointed." They have flat gas-checking bases and the points are finished with an open cavity.

These bullets have established for themselves a most enviable reputation for infallible accuracy and uniform dependability as game stoppers.

BULLETS MARKED * HAVE OUR LATEST SHARP POINTS

CALIBER	WEIGHT GRS.	PRICE PER 100	RECOM- MENDED NORMAL (MEAN) VELOCITY
250-3000 Sav.	60	\$2.50	3100 F.S.
250-3000 Sav. 'vermin'	70	2.50	3100 "
250-3000 Sav.	87	2.50	3060 "
250-3000 Sav.	100	2.70	2700 "
*25 H. P. or 257 'vermin'	87	2.50	3000 "
*25 H. P. or 257	87	2.50	3100 "
*25 H. P. or 257	100	2.70	2850 "
*25 H. P. or 257	110	2.70	2700 "
256 Newton	100	2.50	2950 "
256 Newton	125	2.70	2750 "
256 Newton	150	2.70	2700 "
256 Newton	140	2.70	2500 "
6.5 m/m.	130	2.70	2700 "
6.5 m/m.	140	2.70	2500 "
270 W. 'vermin'	95	2.50	3100 "
270 W.	100	2.50	3100 "
*270 W.	135	2.70	2950 "
270 W.	145	2.70	2650 "
7 m/m Mauser 'vermin'	105	2.50	3000 "
7 m/m Mauser	110	2.50	3000 "
*7 m/m Mauser	125	2.70	3000 "
7 m/m Mauser	150	2.70	2700 "
7 m/m Mauser	170	2.70	2500 "
*276 Magnum	160	2.85	2800 "
*276 Magnum	180	2.85	2700 "
280 Magnum (dia. .288)	150	2.70	2900 "
280 Magnum (dia. .288)	180	2.85	2700 "
30-40 Krag 'vermin'	115	2.50	2800 "
30-40 Krag	150	2.70	2600 "
30-40 Krag	172	2.70	2400 "
30-40 Krag	200	2.85	2200 "
300 Savage 'vermin'	115	2.50	2950 "
300 Savage	120	2.50	2850 "
300 Savage	150	2.70	2700 "
300 Savage	172	2.70	2400 "
30-06 Gov. 'vermin'	115	2.50	3100 "
30-06 Gov.	120	2.50	3100 "
30-06 Gov.	150	2.70	2700 "
30-06 Gov.	172	2.70	2650 "
30-06 Gov.	200	2.85	2400 "
300 Magnum	210	2.50	3200 "
300 Magnum	220	2.70	3000 "
300 Magnum	250	2.85	3000 "
300 Magnum	272	2.85	2800 "
300 Magnum	300	2.85	2500 "
303 British (dia. .311)	120	2.50	2700 "
303 British (dia. .311)	150	2.70	2500 "
303 British (dia. .311)	172	2.70	2400 "
7.9 m/m Man. (dia. .319)	154	2.70	2600 "
7.9 m/m Man. (dia. .319)	175	2.70	2400 "
8 m/m Mauser (dia. .323)	154	2.70	2600 "
8 m/m Mauser (dia. .323)	175	2.70	2400 "
35 Whelen	220	2.70	2600 "
*350 Magnum	240	2.00	1600 "

The 25 H.P. (or 257) bullets are also adapted to the 250-3000 Savage cartridge. The 276 Magnum, 160 grain bullets are also adapted to the 7 m/m cartridge.

RELOADING COMPONENTS

We carry a complete stock of everything for the reloader; powder, primers, bullets, empty cases, etc. Space does not permit listing all of these many articles. Write for prices on your needs.

.22 Cal. SISK Bullets

BULLETS	WT. GR.	STD. DIA.	TYPE POINT	PRICE 100	MAXIMUM POWDER CHG.	MUZ. VEL. FPS
Hornet	35	.224	S.P. F.J.	\$ 1.00	11.6 Her.	2400
	40	.224	S.P. F.J.	1.00	11.2 Her.	2400
	55	.224	S.P. F.J.	1.20	9.3 Her.	2400
Lovell	40	.224	S.P. only	1.20	16.5 Dup.	4227
.22-3000	50	.224	S.P. only	1.40	17 Dup.	4198
(SUPER BULLET)	41	.224	S.P. only	1.50	16.5 Dup.	4227
Neidner .22	55	.224	S.P. F.J.	1.50	26.5 Dup.	3031
	63	.224	S.P. F.J.	1.50	25 Dup.	3031
Express	40	Groove	S.P. only	1.50	43.5 Dup.	4064
	55	Dia. of	S.P. only	1.75	40 Dup.	4064
	63	Rifle	S.P. only	1.75	36 Dup.	4064
Savage .22	40	.228	S.P. F.J.	1.00	14 Her.	2400
Hi-Power	55	.227	S.P. F.J.	1.50	30 Dup.	4064
	63	.227	S.P. F.J.	1.50	28 Dup.	4064

DUE TO CHANGES IN DESIGN OF THE 55 GR. EXPRESS BULLET, HIGHER VELOCITIES THAN THOSE PREVIOUSLY LISTED ARE NOW OBTAINABLE WITH THE SAME POWDER CHARGES. THE CHANGE IN DESIGN WAS MADE ABOUT TWO YEARS AGO, BUT THE VELOCITY LISTING HAD NOT BEEN CHANGED UNTIL NOW. ALL BULLETS PACKED 100 TO A BOX. ABOVE PRICES DO NOT INCLUDE TRANSPORTATION. OVER-REMITTANCE FOR POSTAGE WILL BE REFUNDED IN STAMPS OR BY CREDIT MEMO. PRICES SUBJECT TO CHANGE WITHOUT NOTICE. THE NEW 41 GR. SUPER BULLET IS ADAPTED TO THE LOVELL.

Broken Shell Extractor



Made for All Calibers from .22 Automatic to 45-90, Inclusive

No. 160—State Caliber\$0.75

Many a rifle has been ruined by the misdirected efforts to remove a broken shell from its chamber. The Marble Extractor slips inside the broken shell, grabs it by the nose and one motion of the lever throws out extractor and the broken section.

Now available for the .22 cal. Hornet, .220 Swift and .257 Rem. Roberts rifles.

Bullets

Subject to change without notice.

Calibers	Type and Weight of Bullet	Price per 100
22 Hornet	45 gr. S. P. or O. P.	\$.99
22 Sav. Hi-Power	70 gr. Soft Point	1.68
25-20 Winchester	60 gr. H. P.	1.52
25-20 Winchester	86 gr. Metal Case	1.52
25-25 Winchester	86 gr. Lead, Coated	.84
25-20 Winchester	86 gr. Soft Point	1.52
25-20 Win. Hi-Vel.	86 gr. Metal Case	1.52
25-35 U. S. Improved	100 gr. S. P.	2.31
25-35 Winchester	117 gr. Metal Case	2.31
25-35 Winchester	117 gr. S. P. B. T.	2.31
25-35 Winchester	117 gr. O. P. E. B. T.	2.31
30 Mauser (7.63 mm)	86 gr. Metal Case	1.68
30 Mauser (7.63 mm)	86 gr. Soft Point	1.68
30 Luger (7.63 mm)	93 gr. Metal Case	1.68
30 Luger (7.63 mm)	93 gr. Soft Point	1.68
30-30 Winchester	170 gr. M. C. B. T.	2.73
30-30 Winchester	170 gr. S. P.	2.73
30-30 Win. Hi-Vel.	150 gr. Op. Pt. Exp.	2.52
303 Savage	190 gr. Soft Point	2.73
300 Savage	150 gr. Op. Pt.	2.52
30 Win. Super Speed	110 Op. Pt.	2.31
30.06 U. S.	145 gr. Protected Pt. Exp.	2.52
30.06 Western	150 gr. Op. Pt. Exp.	2.52
30.06 Western	150 gr. Metal Case	2.52
30.06 Western	180 gr. Soft Point	2.73
30.06 Western	180 gr. Metal Case	3.57
30.06 Western	180 gr. Op. Pt. B. T.	2.98
30-40 Rem.	180 gr. Protected Pt. Exp.	2.97
30.06 Western	220 gr. Soft Point	3.57
30.06 Rem.	180 gr. Protected Pt. Exp.	2.97
30-40 Western	220 gr. Soft Point B. T.	3.57
32 Win. Special	170 gr. Metal Case	2.73
32 Win. Special	170 gr. S. P. B. T.	2.73
32 Win. Special	165 gr. O. P. E. B. T.	2.73
32 S. & W.	85 gr. Lead	.95
32 S. & W. Long	98 gr. Lead	1.68
32-20 Winchester	115 gr. Lead	1.80
32-20 Winchester	115 gr. Metal Case	2.31
32-20 Winchester	115 gr. Soft Point	2.31
32-40 Winchester	165 S. P. B. T.	2.73
32-40 Winchester	165 gr. O. P. E. B. T.	2.73
38 S. & W.	145 gr. Lead	2.00
38 Super Police	200 gr. Lead	2.20
38 S. & W. Special	148 gr. Lead	1.68
38 S. & W. Special	158 gr. Lead	2.00
38 Colt New Police	150 gr. Lead	2.00
38-40 Winchester	180 gr. Metal Case	2.73
38-40 Winchester	180 gr. Soft Point	2.73
38-55 Winchester	255 gr. Soft Point	3.57
44 S. & W. Russian	246 gr. Lead	2.40
44 S. & W. Special	246 gr. Lead	2.40
44-40 Winchester	200 gr. Metal Case	2.97
44-40 Winchester	200 gr. Soft Point	2.97
45-70 Government	405 gr. Lead	4.50
45-70 Government	405 gr. Soft Point	4.50

All metal case, soft point and open point expanding bullets have heavy jackets of non-fouling metal. All cast lead bullets are coated with a non-fouling alloy. Postage extra.

EMPTY PRIMED CASES

(Prices subject to change without notice)

Prices per hundred

22 Hornet	\$2.52
22 Savage High power	3.78
220 Swift	4.73
25 Colts Auto	1.68
25-20 Winchester	2.52
25-20 Winchester SS	2.52
25 Remington auto	3.78
25-35 Winchester	3.78
257 Roberts	4.90
250-3,000 Savage	4.73
6.5 Mannlicher Schoenauer	4.73
256 Newton	5.40
270 Winchester	5.04
275 H&H Magnum	6.30
7 M.M. Mauser	4.90
30 Mauser	2.52
30 Luger	2.52
30-20 Winchester	4.41
30 Remington Auto	4.41
30-06 Springfield	5.04
30-40 Krag	4.90
30 Newton	6.30
300 H&H Magnum	6.30
303 British	4.90
306 Savage	4.73
303 Savage	4.41
32 Winchester Special	4.41
32 S&W	1.77
32 S&W Long	1.89
32 Remington auto	4.41
32-20 Winchester	2.52
32-40 Winchester	4.20
8 M.M. Mannlicher Schoenauer	5.04
33 Winchester	4.90
35 Newton	6.20
35 Winchester	5.04
35 Winchester self-loading	2.80
35 Remington auto	4.73
351 Winchester self-loading	3.15
9 MM Luger	2.31
357 Magnum	2.73
38 S&W	2.10
38 S&W Special	2.52
38 Long	2.10
38 Colt Auto	2.73
380 Colt Auto	2.31
38-40 Winchester	3.36
38-55 Winchester	4.20
44 S&W Russian	2.73
44 S&W Special	3.36
44-40 Winchester	3.36
45 Colt	3.36
45 Colt Auto	3.36
45 Colt auto Rim	3.36
45-70 Government	4.73

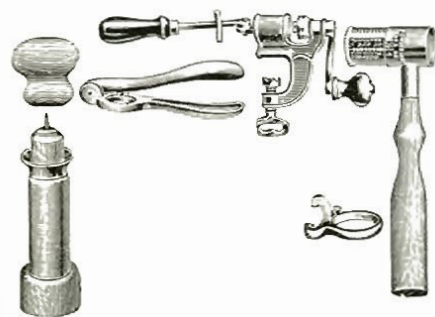
RELOADING SHOTGUN SHELLS

It is practical to reload shotgun shells from an economical standpoint and also for experimental purposes; that is, to build up different loads until you get something to suit your individual purpose. The cheapest type of reloading is when you use brass shells. You can then use a cheaper primer and these shells last quite a long time.

To make any kind of a saving, you should buy your primers and wads in thousand lots, shot in 25 pound bags, and powder in small kegs. Write for latest quotations on component prices.

Following are two inexpensive but practical reloading outfits. For extra quantity and speed reloading, special outfits can be assembled.

We are not listing prices on components because these sometimes change. Write for latest quotations on Powders, Primers, Shot, Wads, and material for making your own wads.



Eureka Loading Set

No. 160

This Set consists of a:

1. Loader and Decapper	.....	\$ .25
2. Recapper	.....	.25
3. Powder & Shot Measure	.....	.35
4. Extractor	.....	.15
5. Crimper or Closer	.....	1.25
Complete set, 10, 12, 16 or 20	.....	1.50
Complete set, 410 to 32 ga.	.....	1.75

Ideal Loading Set



Straightline Handloader	.....	\$4.00
Star Crimper No. 1	.....	5.00
Straightline Re & DeCapper	.....	3.00
Shell Resizer Die	.....	3.00
Pocket Powder & Shot Measure	.....	.50

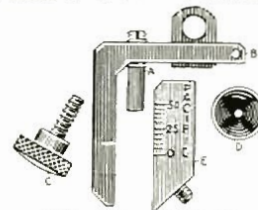
\$15.50



Pacific Gun Sights

Pacific Gun Sights come in two models, plain adjustment and micrometer adjustment. Whenever it is possible to use the existing holes on the rifle for attaching, we do so as in the case of the Krag, Springfield, Russian, etc. When no existing holes on the rifle can be used, it is necessary to tap and drill two holes to attach a receiver sight.

Open sights are attached by using a slot in the barrel. It is not necessary to drill holes for tang sights as they use the holes already on the tang of all lever action rifles.



Plain Adjustable Model

Plain Adjustable Model

How Pacific Sights look when unassembled. All receiver sights are built on these principles, the only difference being in the base, which is shaped correctly for the particular rifle the sight is intended for.

(A) Guide Pin: to make body of sight slide smooth when adjusting, also to hold more rigid. Screw on top makes fine adjustment possible.

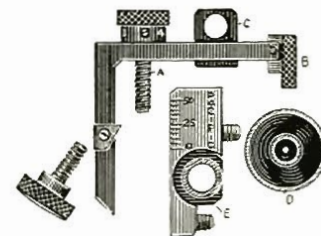
(B) Lock Screw: to set windage adjustment tight. Disc holder has a groove which fits snug in the windage adjustment slot so it will not shift when carrying or firing.

(C) Elevation Lock Screw: Has a coin fitting slot to make locking more secure. Easy to get a grip on and built husky enough to make it impossible for your sightings to shift under any condition.

(D) Hunting Disc: Some prefer this disc; others prefer our target disc.

(E) Base: which is fastened on the gun. It has the same markings as the micrometer models. The base illustrated is for the Model K1 Krag sight. Each model has a different shaped base to fit the rifle it is intended for.

Micrometer Adjustment Model



(A) Micrometer Elevation Adjustment Screw, 25 threads per inch, 5 clicks per turn, one minute of angle per click, or one inch per 100 yards. Model S2R and W2 have 10 clicks per turn, 1/2 inch per 100 yards.

(B) Micrometer Windage Adjustment Screw: giving fine adjustment, 5 clicks per turn.

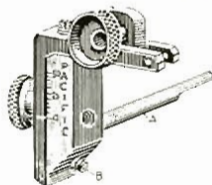
(C) Disc Holder: has a scale in front, easy to see for adjusting.

(D) Improved Pacific Target Disc.

(E) Base: which is fastened on gun. Has a scale with a movable indicator. The base illustrated is for the Model S2 Springfield sight. The shape of the base is different on each model.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

For Krag



Pat. June 9, 1931

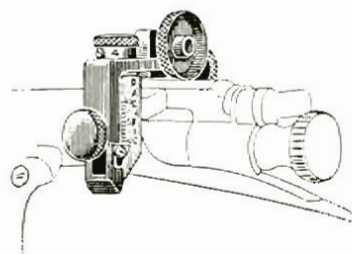
Pat. No. 1809257

a. Holding Pin

b. Case hardened set screw

Shipping weight 3 oz.

Model K1: is easily adjustable for windage or elevation. Made to stand hard usage. It is in great favor with hunters. Price, including one aperture disc, and a screwdriver for attaching (state which disc is desired, hunting or target), \$3.00.

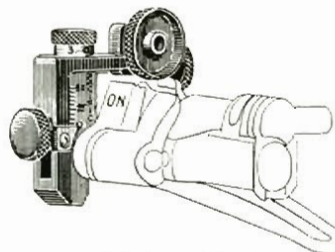


Shipping weight 4 oz.

For Springfields

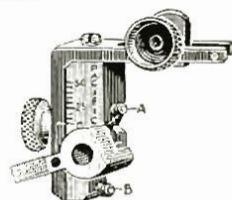
Model S1: is easily adjustable to windage or elevation. This hunting model will stand rough handling. If desired, body of sight can be taken off of rifle in an instant by unscrewing lock screw. Price, including one of either discs, and a screw driver for attaching, \$4.50.

A new magazine cut-off (a bolt stop lever) as shown in Model S1 is supplied with each S1 or S2 sight.



Shipping weight 4 oz.

32



Pat. June 9, 1931

Pat. No. 1809257

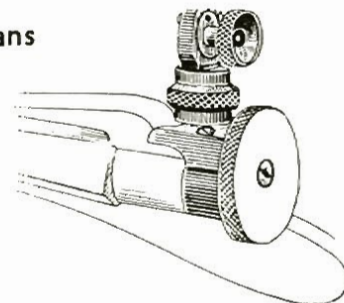
a. and b. Set Screws

Shipping weight 3 oz.

Model S2: though a target model is built substantial enough for hunting and is adjusted fine enough to suit the most exacting shooter. Price, including one of either style disc, and a screw driver, for attaching, \$7.00.

For Russians

Model R1: Adjustable for windage and elevation. Has micrometer clicks for elevation. It is the only practical sight for this type of rifle. Allows the full use of the safety, a very important item with any rifle, is close to the eye, making it especially good for quick follow shots and built strong enough to stand hard usage. Price, including one hunting or one target disc, \$4.00.



For Winchester No. 54, No. 52 and No. 70

Model W2 has micrometer adjustments for windage and elevation. Ten clicks per turn, which changes point of impact $\frac{1}{2}$ inch per 100 yards. No holes to bore for No. 54. There are two tapped holes on the receiver of the rifle for attaching this sight, can be put on in a minute.

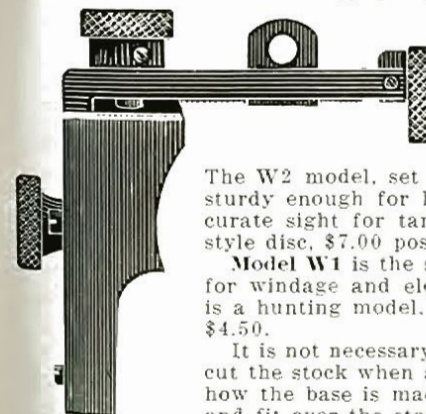


Model W2

Shipping weight 6 oz.

Side view of the W Models
It is necessary to drill and tap two holes
for No. 52 Winchester

Shipping weight 5 oz.



The W2 model, set snug on the receiver and is built sturdy enough for hunting besides being a super accurate sight for target work. Price, including either style disc, \$7.00 post paid or C.O.D.

Model W1 is the same sight with plain adjustments for windage and elevation, very easy to adjust. This is a hunting model. Price, including either style disc, \$4.50.

It is not necessary to mar the finish of your rifle or cut the stock when attaching one of these sights. Note how the base is machined to fit snug on the receiver and fit over the stock instead of cutting into it. Held in place with two strong screws; cannot shoot or knock loose.

33

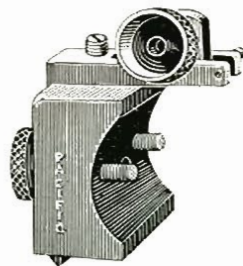
Model SA1 and SA2

Adapted for Savage Model 19 N.R.A., Models 23A, B or C and all other rifles having a receiver of the same dimensions.

Model SA1 is easily adjustable for windage and elevation. Built very rugged; made to stand hard usage. This is an ideal hunting sight. Easily attached by drilling and tapping two holes in the receiver. Price \$3.00 with the choice of any disc. Special tap and drill 50c.



Shipping weight 5 oz.



Shipping weight 5 oz.

Model SA2 has micrometer adjustments for windage and elevation. Ten clicks per turn, each click changes the point of impact $\frac{1}{2}$ inch per 100 yards. Attached in the same manner as the Model SA1, and a little further forward so that it will just miss the bolt handle. A most accurate target sight, yet strong enough for hunting. Price, including disc, \$6.00. Special tap and drill 50c.

Models S1R and S2R

Attached by drilling and tapping two holes in the receiver.

Adapted for Springfield, Ross, Mauser and other bolt action rifles.

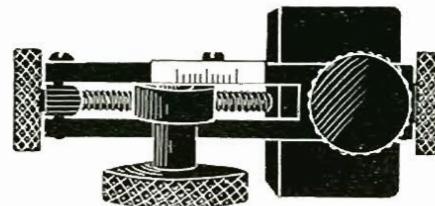
Model S2R is full micrometer for windage and elevation adjustments, both adjustments have 10 clicks per turn which changes the point of



impact $\frac{1}{2}$ inch per 100 yards. This model has two style bases, one base which is machined so that it fits over the stock, making it unnecessary to cut wood of stock and the other is a solid base which is installed by cutting the stock. Price \$7.00, including either disc. Tap and drill for attaching, 50c. (Note: When ordering state which style base is desired.) Shipping weight 6 oz.

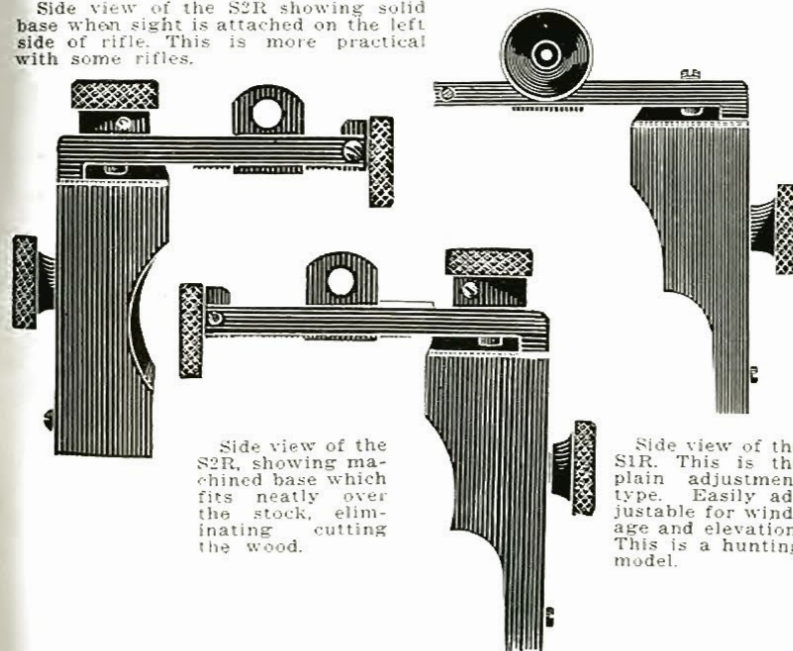
Model S1R is the same sight with plain adjustments for windage and elevation. This model was designed as a hunting sight. Price \$4.50, including either hunting or target disc. Tap and drill, 50c.

Shipping weight 6 oz.



Top view of the S2R showing the very readable windage scale. This is a sliding adjustable scale. The readings are read by using the sharp corner of the disc holder as your indicator. Example: When you have zeroed your rifle, move scale so that the zero or middle of scale and the right hand edge of disc holder are even, then lock set screw.

Side view of the S2R showing solid base when sight is attached on the left side of rifle. This is more practical with some rifles.



Side view of the S2R, showing machined base which fits neatly over the stock, eliminating cutting the wood.

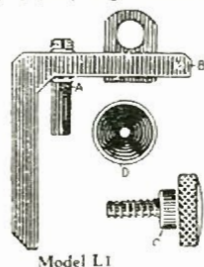
Side view of the S1R. This is the plain adjustment type. Easily adjustable for windage and elevation. This is a hunting model.

Model L1 Receiver Sight

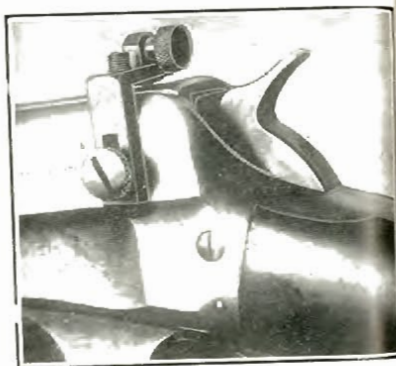
Adapted for Winchester 94, 95, Winchester Auto Loading No. 35, Savage 99, Savage Model 1920 bolt action and any similar rifle, as long as there is enough metal on the side of the receiver to hold the lock screw and a place for a shallow hole on top for the elevation adjustment pin. A compact receiver sight with windage and elevation adjustments at a small cost. Gives you a longer sighting radius and enlarges your field; especially good for follow-up shots and at running game.

Price \$2.00, including disc.

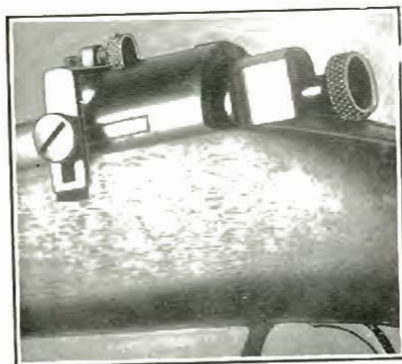
- (A) Elevation adjustment guide pin.
- (B) Lock screw for windage adjustment.
- (C) Coin locking, elevation lock screw will not loosen when firing.
- (D) Hunting disc.



How the
Model L1 looks
on the
Winchester 95



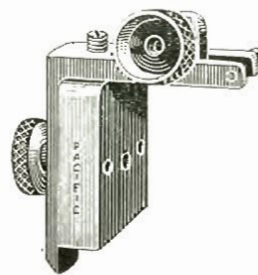
How the
Model L1
looks on the
Savage Bolt
Action Model
1920



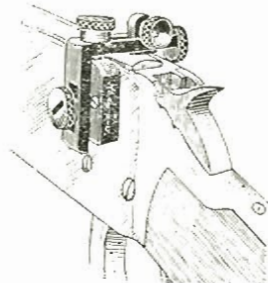
To install, drill and tap a hole on the side of the receiver for lock screw and drill a shallow hole on top of receiver to hold guide pin. Cut guide pin to desired length if necessary. Use standard tap 8x32 and No. 22 and 28 drills. Tap 35c, two drills 35c. Very close adjustments can be made with this sight.

Models LB1 and LB2

Adapted for Savage, Model 29, 40, 45 and 99, Stevens, Model 17, 20, 27, 44, 71, 75 and 414, Winchester, Model .03, .06, .07, 10, 53, 55, 86, 92, 94 and 95, Remington, Model 12, 14 and 25. These sights will fit more different rifles than any sight ever made. When ordering state make, model and caliber. Shipping weight 4 oz.



Model LB1



Model LB2

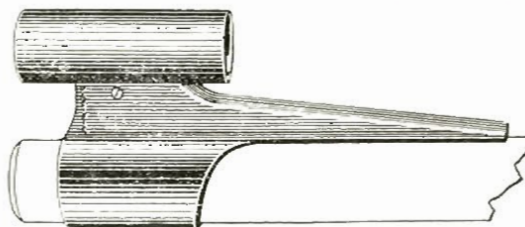
Model LB1 is the same type as the Model L1 only it has a special base with elevation slide attached. This base makes attaching very simple—by drilling and tapping two holes in the receiver. Easily adjustable for windage and elevation. Price \$3.00, includes the choice of any disc. Special tap and drill for attaching 50c.

Model LB2 is the only practical full micrometer sight made for lever action rifles and now makes it possible to accurately sight these rifles. Micrometer adjustments for windage and elevation, 5 clicks per turn. Each click changes the point of impact one inch per hundred yards. Attached the same as the Model LB1. Price \$6.00, including the choice of any disc. Special tap and drill 50c. Shipping weight 4 oz.

The Pacific Ramp Sight

(Improved Model)

Here is a sight that will improve your shooting and will give your rifle that finished up-to-date look. You can put it on yourself.



Shipping weight 4 oz.

Ramps and bands are made for barrel diameters .595 to .650 only, and for height 5/16 inch is the lowest and 7/16 inch is the highest.

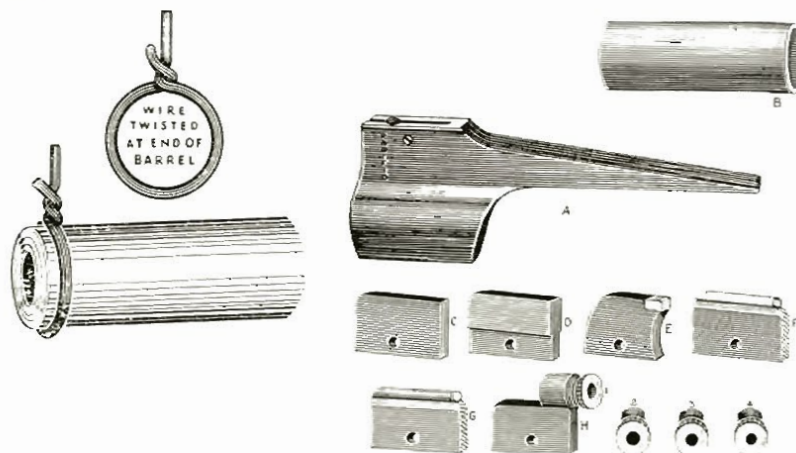
The sight blades are held in place with two case-hardened set screws which make it simple if a change of blade is desired. Ramps are made for a drive-on fit and are held in place with a strong cup pointed case-hardened set screw. Once they are fastened into position, they cannot shift.

How to Order a Band or Ramp

There is only one way to find the correct height of a front sight, and that is to install the rear sight first and then shoot the gun in, using for a temporary front sight a piece of wire twisted around the muzzle as close to the end as possible, with one end sticking up into the air to use as a bead. (See illustration.) Use a heavy piece of wire, like hay-wire.

Cut this end of the wire until it is the correct height and then send it in to us. This will give us the proper height for a bead and also the diameter of the barrel. Also tell us the make and kind of rifle and give us the micrometer dimension of the end of the barrel, if you can.

Be sure to wrap the wire tight and as close to the end as possible, use a little tape if needed to keep it in place. Shoot the gun in and don't guess as to the height.



- (A) Ramp for smooth barrel, has no slots for holding a hood.....\$3.25
 Ramp for smooth barrel, with slots for attaching hood\$3.75
 (B) Hood\$1.00
 Slips into place from either end, never shoots loose. For target work there is nothing equal to a hood. Being quickly detachable, it has a great advantage when hunting, leave it in place or slip it off according to the right conditions.
 (C) Plain Blade, .050 thick25
 (D) Plain Blade, extra wide .100 thick50
 Blades C & D are slightly oversize in height so that you can dress them down to suit.
 (E) Gold tipped blade, .050 thick\$1.00
 or
 Silver tipped blade, .050 thick\$1.00
 (F) Gold Bead\$1.50
 (G) Ivory Bead\$1.00
 (H) Aperture front sight, with one aperture\$1.00
 Extra aperture, each25

This is for the target shooter. It has four different sizes of apertures. (1) .120; (2) .110; (3) .093; (4) .070. Apertures screw in place and cannot shift or shoot loose. Instantly changeable.

Caterpillar Ramps



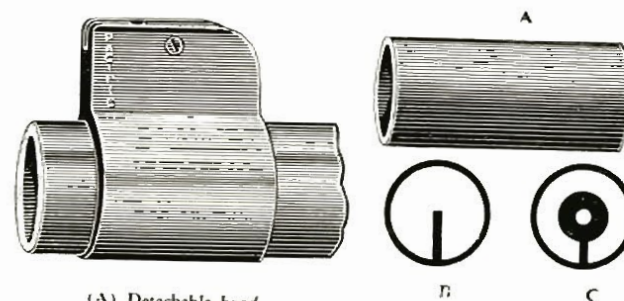
To be soldered or sweated on barrel

This ramp is especially made for large size barrels when it is not practical to furnish the standard ramp. Caterpillar ramps make a splendid job when properly soldered to the barrel. Unblued.

Give size of barrel and height of ramp.

- Ramp with no slots for holding hood.....\$1.75
 Ramp with slots for holding hood..... 1.90

Front Band Sight



- (A) Detachable hood.
 (B) How the sight looks with blades C, D or E and hood.
 (C) How the sight looks with aperture post and hood.

Made for a drive-on fit and is fastened on the barrel in the same manner as our ramps. Has two case-hardened set screws for holding and quickly changing blades. All the blades for the ramp or any other standard blade will fit this sight.

- Front Band Sight without slots for holding hood.....\$1.50
 Front Band Sight with slots for holding hood (as illustrated)..... 1.75
 Hood75
 Sight Blades same as for the ramp.

Special Rear Sights for the Enfield

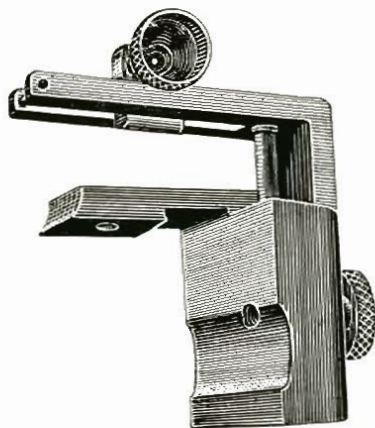
Sights EN1, EN2, EN3, EN4, EN5, EN6, and EN7 are especially made for the Enfield rifle.

Model EN 2 is a full micrometer sight having half-minute adjustments for windage and elevation, a very desirable sight for target work or hunting. The object of this model is to supply a practical, finely adjustable receiver sight for the Enfield that can be attached with the minimum of labor. By following directions,

anyone can attach one of these sights, all the tools needed are a file and screw driver. Price including either hunting or target disc, \$7.00 C.O.D. or postpaid. Shipping weight 7 oz.



Model EN2

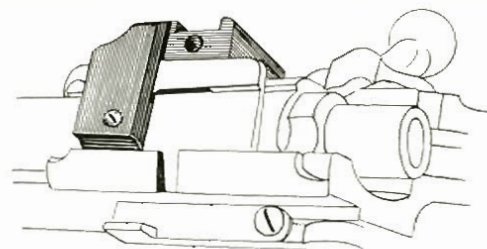


Model EN1

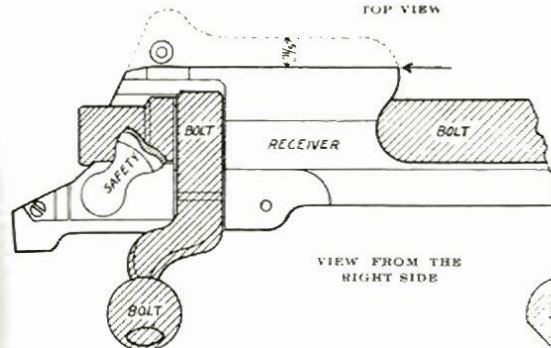
This is the same sight as the EN2 except it is plain adjustable. A practical hunting sight. Note the elevation guide pin, this makes the body of the sight slide smoothly when adjusting, also to hold more rigid. Screw on top makes fine adjustment possible. The illustration shows the dove tail which fits snug and rigid in the dove tail slot on the rifle, taking the place of the military leaf spring. Price with choice of disc \$4.50. Shipping weight 6 oz.

How to Mount the Model EN1 and EN2

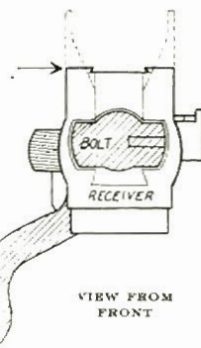
- Remove the stock.
- Remove the military rear sight and leaf spring.
- Cut off the ears that project up around the military rear sight, they can be ground or filed.



TOP VIEW



VIEW FROM THE RIGHT SIDE



VIEW FROM FRONT

Do not cut lower than the points marked by the arrows.

The sight body fits in the groove that held the leaf spring, slip the sight into place from the front, and put the screw into place and tighten.

A little of the wood under the sight must be removed.

While the sight now is absolutely rigid, if so desired, an additional holding screw can be placed in the groove of the elevation slide just under the lock screw hole. Any small screw will be suitable and a hole should be drilled through the sight base into the thin section of the receiver and countersunk so the screw head will not interfere with the slide. A tap, drill, and screw can be supplied for 50c.

On the illustration marked "Top View," a slot will be noted on the left side. This slot is not necessary unless difficulty is encountered in getting the model EN2 low enough for extreme short ranges. The receiver at this point may be filed flat and the edges rounded to suit the individual.

Method of Disassembling the Enfield Bolt

1. Draw bolt to the rear.
2. Pull back safety.
3. Close bolt. This will cause a clearance between the cocking piece and the bolt sleeve.
4. Insert a nail or screw driver in the clearance. Withdraw bolt and unscrew firing pin.



Model EN4

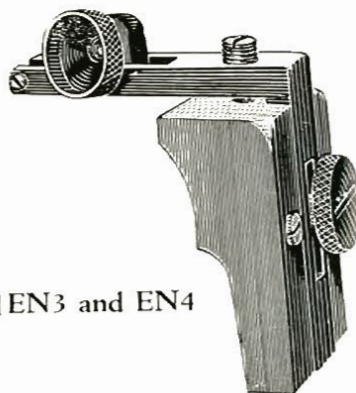
This is the same type of sight as the model EN2, full micrometer half-minute adjustments. In this case the entire receiver is reshaped to make it as small and light as possible. It is not necessary to cut the stock very much when attaching

ing this sight. The base is machined to fit snug on the receiver and fit over the stock instead of cutting into the wood; held in place with two strong screws. Price including choice of disc, parcel post or c.o.d., \$7.00. For attaching, drill, 20c; tap, 30c.

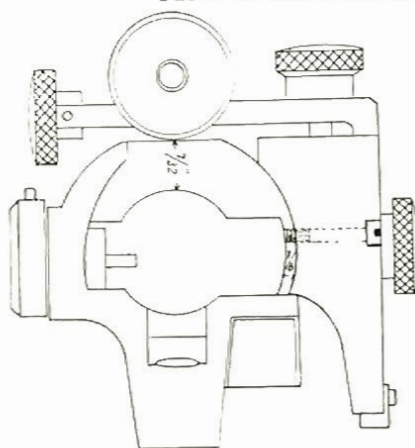
Shipping weight 6 oz.

Model EN3

This is a hunting model. The same construction as model EN4 only it is plain adjustable, built extra strong and rigid. The screw end of the elevation guide pin permits very close adjustments. Price including choice of disc \$4.50, drill 20c; tap, 30c.



How to Mount Model EN3 and EN4



CROSS SECTION OF ENFIELD RIFLE SHOWING A MODEL EN4 SIGHT ATTACHED

The receiver is filed, ground, or milled, to the shape and dimensions shown, it is advisable to use the sight to guide you in getting the correct shape on the receiver. The sight is then clamped in position on the right side, just ahead of the bolt and the receiver is drilled and tapped and the screws put in place. Do not try to round up the receiver in a lathe, it cannot be done.

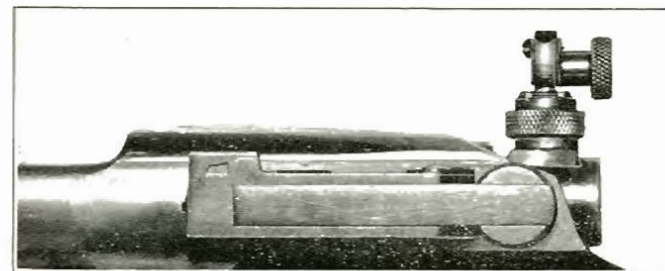


Model EN5

A compact, sturdy and practical hunting sight. Easily adjustable for windage and elevation. This is probably the most remarkable receiver sight ever built. You will note that the receiver is machined so that it forms a base for the sight itself—being a part of the gun, it eliminates all danger of the base ever becoming loose.

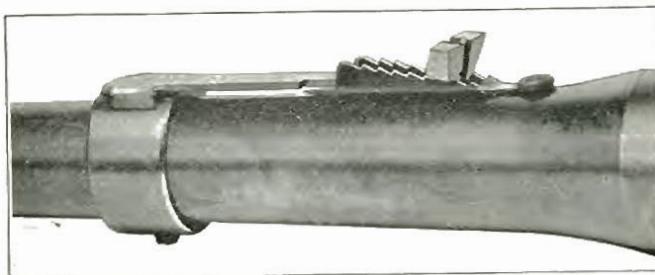
This is a strictly machine job which takes a special machine set-up to assure perfect alignment.

To install a No. 5 sight, it will be necessary to send the gun to our factory. Shipment can be made direct from the arsenal to save expense. Price of EN5 \$3.00. Price of machining receiver and rebluing \$5.00.



Model EN6

A bolt sleeve sight adjustable for windage and elevation. It is close to the eye which makes it a very desirable hunting sight. Built strong and rigid, price \$6.00. To attach and take play out of bolt, \$3.00. When factory is to attach, send in sleeve only.

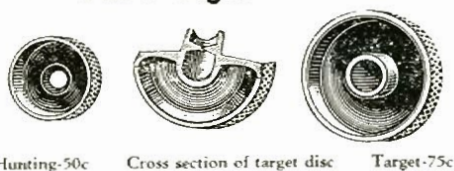


Model EN7

This sight assembly consists of a sleeve to fit over the rifle barrel and an adjustable open rear sight. The sleeve has a dove-tailed slot to hold the sight and is securely held in place with a screw underneath. Simple and easy to attach.

Sleeve or attaching collar. See pages 42 and 43 for open sights to fit in this collar.

Tube Sight Discs



Hunting-50c Cross section of target disc Target-75c

ATTACHING COLLAR
\$2.25

Standard Discs



No. 1 No. 2

TARGET

SNAP
SHOOTER

No. 1 and No. 2—25c; Hunter—Target—Snap Shooter—50c.
Can be supplied with apertures from .021 inch to $\frac{1}{8}$ inch.

When ordering always state for what sight disc is for
and if Standard or Tube sight type is wanted.

Slot Blanks



No. 1—50c



No. 2—25c

The Merit Optical Attachment

Primarily used by pistol shooters but of considerable value to the rifleman, particularly when using open sights.

It solves the perplexing problem of blurred sights and target.

The MERIT Optical Attachment concentrates and sharpens the vision and makes pistol or rifle sights and target stand out sharp and clear.

For use on all regular and shooting glasses.

Cuts out objectionable side lights.

The Iris shutter is adjustable from .020" to .150". Instantly attached with a positive holding rubber suction cup on either lens of the average regular or shooting glasses. There are no springs, hooks or clamps to scratch the glass. The Attachment is movable to practically any position on glasses having lenses $1\frac{1}{4}$ " or over in diameter.



\$3.00

Merit Iris Shutter Sighting Discs for Target and Hunting

MERIT Iris Shutter Sighting Discs are of precision construction, designed so that dirt or dust cannot harm the mechanism. Material and workmanship fully guaranteed.

There is a MERIT Iris Shutter Disc for use on all the most popular PACIFIC, Lyman, Redfield, Vaver, Marble-Goss, Remington, Savage and Stevens rear sights. Lyman and Redfield globe front sights.

Tested and recommended by all leading shooting authorities.

IMPORTANT: When ordering be sure to state MAKE and MODEL of SIGHT and RIFLE so that the correct disc may be furnished.

Adaptor and Disc may also be had for the Lyman No. 77 and Redfield 63 and 64 front sights as well as a special merit disc for Wittek globe front sight. Price\$3.00

MERIT Iris Shutter Target Disc, $1\frac{1}{16}$ " in diameter. Aperture finely adjustable by clicks from .022 to .125". Eleven clicks give 12 different sized apertures. Price\$3.00



MERIT Iris Shutter Hunting Disc, $\frac{1}{2}$ " in diameter. Aperture finely adjustable by clicks from .025 to .150". Eleven clicks give 12 different sized apertures. Price\$3.00



Adaptor for using $\frac{1}{2}$ " MERIT Iris Shutter Disc in Redfield globe front sight.
Disc and adaptor 3.50

Adaptor for using $\frac{1}{2}$ " MERIT Iris Shutter Disc in Lyman 17-A front sight.
Disc and adaptor 3.50

MERIT MASTER TARGET DISC. May be used on all sights having clearance for a disc $\frac{7}{16}$ " thick and $\frac{3}{4}$ " or larger in diameter. The $1\frac{1}{2}$ " high grade flexible rubber shield is permanently attached to the eye cup which is removable by taking out three screws. Concentrically ribbed on its concave face for cutting to suitable size. Price\$4.00



Open Rear Sights

KING ADJUSTABLE LEAF SIGHTS



No. 6 Flat Top
Price, \$1.50 Each



No. 7
Semi-Buckhorn



No. 19
Full Buckhorn



Extra Peep
Disc, 35c
Fits all KING
Rear Sights

Adapted to Remington (except Auto-loading) Winchester, Savage, Newton, Marlin and all rifles having "standard" barrel slots.

When ordering for Savage .22, .250-3000 or .300 H.P. specify "Extra High."

ADJUSTABLE REAR SIGHTS EIGHT COMBINATION REAR

Adapted to Remington (except Auto-loading H. P.), Winchester, Savage, Marlin, Stevens, and other rifles having slot in barrel for rear sight. All calibers.

An improved Sporting Rear Sight (flat top), having an adjustable disc that has four notches, two "U" shaped and two "V" shaped, or different sizes, with white diamond on one side (as shown in cut), giving



Your choice, standard or outline disc.



SCREW DRIVER POINT



No. 8—Flat Top, \$1.75

eight combinations with adjustment, as the disc may be placed either edge up or either face to, and locked with screw.

In addition the sight has a double step adjustment, doing away with all blurring, as in the old style single step, and making a more stationary sight. Screw driver point to use in adjusting combination disc.



No. 9—Semi-Buckhorn, \$1.75

EIGHT COMBINATION REAR

Same sight as No. 8 except shape of the top. Adapted to same rifles and has same combinations.



No. 51—Full California Buckhorn, \$1.75.

EIGHT COMBINATION ADJUSTABLE

Adapted to Winchester, Remington (except Auto-loading H.P.), Savage, Marlin, Stevens and all other rifles having slot in barrel for rear sight. All calibers.



No. 10—Flat Top, \$1.75.

EIGHT COMBINATION REAR

Especially adapted to Winchester Carbiners, all calibers; Savage .22 and .250-3000 and .300 H.P. rifles and all makes of .22 caliber rifles.



No. 11—Semi-Buckhorn, \$1.75

Same sight as the No. 10 except shape of top. Adapted to same rifles and carbiners and has same combinations and adjustments.

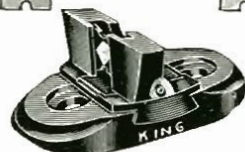
f



No. 49—Full California Buckhorn, \$1.75

Especially adapted to Winchester Carbiners, all calibers; Savage .22 and .250-3000 and .300 H. P. Rifles, and all makes of .22 caliber rifles where a short sight base is desired.

For Remington High Power Autoloading Rifles Only. All Calibers



No. 6-R
Flat Top, \$2.00



No. 7-R
Semi-Buckhorn, \$2.00

No. 19-R, Full Buckhorn, \$2.00



No. 8-R, Flat Top, \$2.50



Extra Peep
Disc, 35c



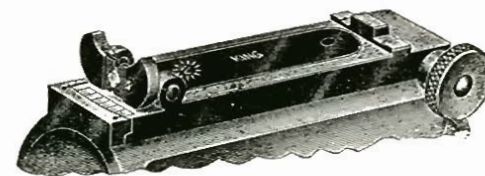
No. 9-R, Semi-Buckhorn, \$2.50



No. 51-R, Full Buckhorn, \$2.50

All of the above sights are made up especially for the Remington Auto-loading H. P. rifles, all calibers, and have the adjustable reversible disc giving EIGHT COMBINATIONS. Screws for special bases are furnished with each sight.

Open Sights for Springfields



No. 8S Flat Top Sporting Rear for Springfield	\$1.75
No. 9S Semi-Buckhorn Sporting Rear "	1.75
No. 51S Full Buckhorn Sporting Rear "	1.75

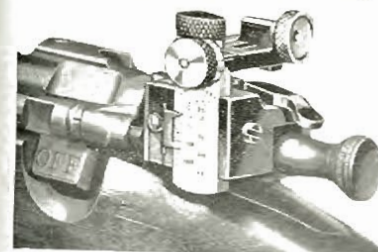
Open Sights for Krag



Illustration at left shows the part we furnish. It fits in the military sight base on your Krag. Give inside dimensions between holding lugs when ordering.



No. 6K Flat Top Folding Leaf for Krag	\$1.50
No. 7K Semi-Buckhorn Folding Leaf "	1.50
No. 19K Full Buckhorn Folding Leaf "	1.50



MARBLE-GOSS Military and Sporting Sights



Sleeve type



Extended Receiver Type

Receiver Sight—Regular Type

These sights are now available for nearly all rifles. The sleeve type sight is \$15.00 and can only be supplied for the Springfield, Winchester 54 and 70, and the Krag. The extended receiver type and the regular types are \$12.00.

Send for special folder on Marble-Goss Sights.

LYMAN SIGHTS



No. 1A

No. 1A Lyman Combination Rear Sight with locking feature and built-in turn-down peep. These are exclusive Lyman advantages. The smaller aperture built into the regular aperture prevents danger of losing it, and gives two sizes of aperture always instantly available. Price \$4.50.



No. 2A

No. 2A Lyman Combination Rear Sight similar to No. 1A furnished with detachable disc, but not turn-down peep feature. Price \$5.00.



No. 1—Rem. 12

No. 1 Lyman Combination Rear Sight with turn-down peep feature designed especially for hunting purposes. Available for nearly all Sporting Rifles. Shown as mounted on Remington 12, 14, 24, 25, 121, 141, 241 rifle. Price \$4.00.



No. 30 1/2

No. 29 1/2 and 30 1/2 No. 29 1/2 without disc and No. 30 1/2 with disc have elevation and windage adjustment. Designed for Savage .22 Hi Power and .250/3000 hunting rifles. \$6.00 and \$6.50.



No. 1A and Nut for Mannlicher-Haenel.

These sights are furnished with special dovetailed base suitable for mounting on the head of the cocking piece of the Springfield 1903, 1906, and Krag rifles. The cocking piece may be sent in to us and the sight will be mounted at moderate labor cost.

A special nut is necessary for Mannlicher-Haenel, Newton, Mannlicher-Schoenaurs and Mauser rifles.

Price \$4.50

Special nut, price \$1.50

N.B.—Always give the make, model and caliber of gun when ordering.



No. 17A

Nine Interchangeable Inserts

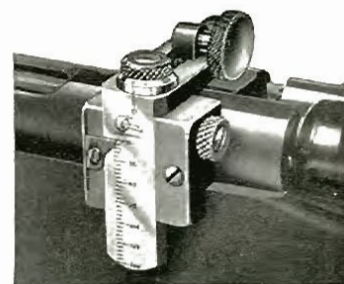
No. 17A Lyman Globe Target Front Sight with nine interchangeable inserts. A very popular front sight for target shooting. Furnished for guns having the rifle type of front sight slot, also Krag, Win. 54, Remington 30 Express, 30S Special Rem., Springfield 1903 and 1922 M1. Price \$2.50
Inserts only \$1.25

Famous "48" Click Sights



No. 48R for Remington 30 and 30 Express.

Lyman 48 Micrometer click receiver sights are constructed like a fine instrument yet ruggedly built to withstand field conditions. They fit compactly to receiver of rifle and provide a longer sighting base. Large knobs to easily adjust windage and elevation slides. \$11.50 with disc.



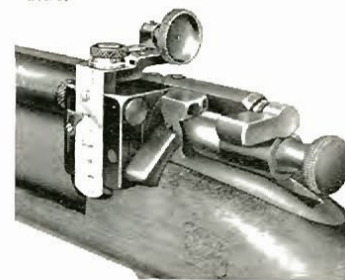
No. 48W on Winchester 54

The 48W for Winchester Model 54 in various calibers is similar to the 48R at left. Both have sighting disc without turn down peep. Many guns already tapped and drilled for 48 sights. One turn of knob on elevation or windage screw changes points of impact 1/2 inch at 100 yards. \$11.50 with disc.



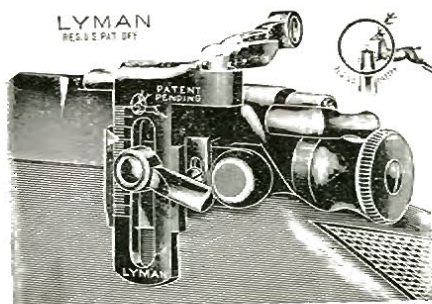
No. 48 on Springfield 30 Government '06

The Lyman 48 for Springfield 30-06, is furnished in long or short elevation slide, with elevation adjustment for ranges up to 1200 yards.



No. 48K on Krag

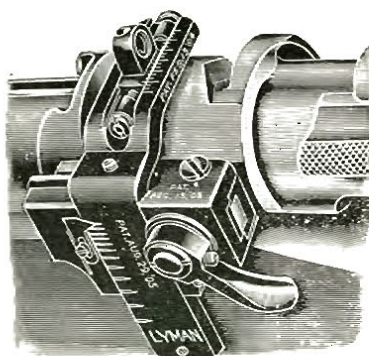
Lyman sights are furnished for Krag, Mauser, Ross, Lee Enfield, B.S.A., Springfield M1 and M2 and rifles with Martini actions. Prices, \$11.50 with disc.



No. 36 on
Mannlicher-Schoenauer

No. 55R, No. 55W

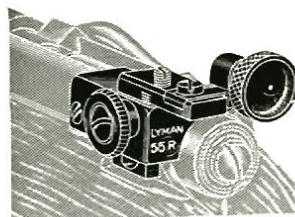
Designed for popular bolt action .22 cal. rifles, viz: Winchester 60A, 67, 69, etc., Rem. 32, 34, Sav. 3, Stevens Buckhorn 53, etc., Stevens Springfield 52R, etc., Iver Johnson and Western Field. For accurate hunting and target shooting. Windage and elevation adjustments. \$2.00



No. 35

No. 36

No. 36 is designed for Mannlicher - Schoenauer, Mannlicher - Haenel, and Russian 7.62 m/m can be mounted with very little or no stock cut. Slide removable without disturbing base. Arm over receiver swings back when action is opened....\$10.00

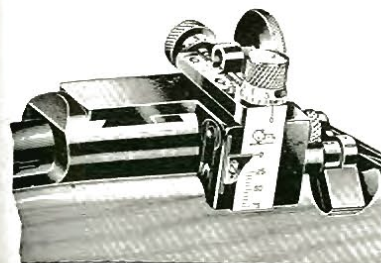


No. 55R mounted on
Remington 34

No. 35

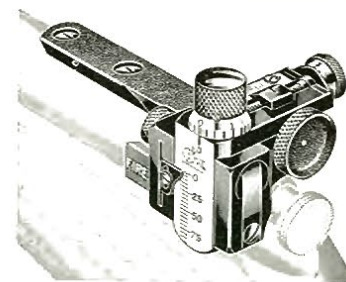
Designed with graduated adjustment on windage and elevation slides for the following rifles: All Mausers including D.W.M., Sauer, Schilling, Jeffreys, Westley - Richards, Spanish, Peruvian, Argentine, etc. Does not interfere when loading from clips. Turn down peep. Disc extra if desired\$10.00

TARGET SIGHTS No. 48J, No. 48Y



No. 48J, No. 48Y

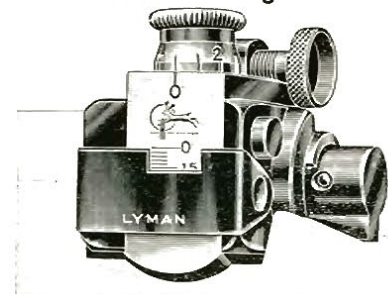
No. 57M Lyman Micrometer Click Receiver Sight for Mossberg Models 43, 46, complete with disc and mounting screws\$5.00
No. 57S for Stevens, complete with disc and mounting screws\$5.00
No. 57R for Remington 241 or 24, complete with disc and mounting screws\$5.00
No. 57W for Winchester 54, 70, complete with disc and mounting screws\$6.00
No. 57F for Winchester 52, complete with disc and mounting screws\$6.00



No. 48Y mounted on Savage 19

Both 48J and 48Y are easily mounted without cutting stock of guns.

LYMAN No. 57 Receiver Sight



No. 52W Extension Sight on
Winchester 52

Extension Sights No. 52W, No. 52L



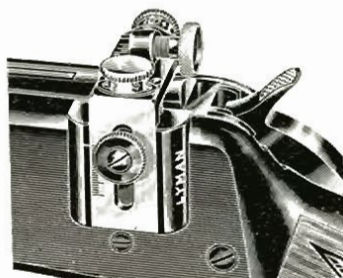
No. 52L Extension Sight on Stevens
Walnut Hill Rifle

The Lyman No. 52 Extension Sight is made for shooters desiring a sight closer to the eye and with finer control at the point of impact. Weight only 9 ounces. Adjustable forward and rearward. Rigid when locked. Longer sight base. New style adjusting screws. Instantly removed for scope shooting, replaced without change in setting. Exclusive elevation screw adjustment to take up wear. Adjustment for elev. click tension. Ample elev. for 200 yards range. Use with No. 17A Front Sight. 52W or 52L.....\$13.00



No. 6 Folding Leaf Sight

Replaces factory rear sight as aid to check up alignment of front and rear sights. Bar and Ivory triangle excellent for twilight shooting with jack front sight.\$1.75



No. 56 Receiver Sight mounted on Winchester Model 64 Deer Rifle

No. 56

A snug fitting, streamlined receiver sight designed for lever and slide action sporting rifles. Elevation and windage knobs made for each finger grip. Provides long sighting base with disc\$7.00

No. 38 and No. 21
Designed for Marlin 95, Winchester 86, 92, 95, 53, 55, 64 and 65, Remington 141, all calibers. Accurate hunting sight with elevation and windage adjustment.
No. 21.....\$5.00
No. 38.....\$6.50



No. 38 on Winchester 94

Shot Gun Sights



No. 10D Ivory head shotgun front sight, tap and spanner wrench. For single guns.....\$1.00

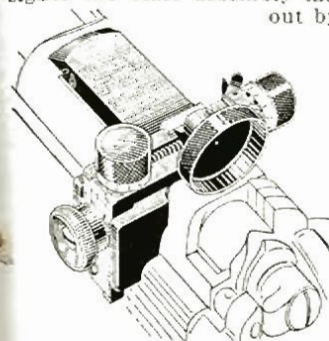


No. 9 set of front and rear ivory shotgun sights for double guns and high vent. rib singles\$1.00

Redfield Micrometer Receiver Sights

No. 90 and No. 100

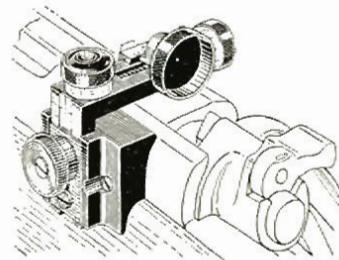
Redfield micrometer receiver sights are offered in two series, the 90 and 100. Essentially these sights are the same in design except for the principle of the quick removable staff which is present in the series 100 sights, but not in the series 90. By means of the quick removable staff the elevating staff assembly may be instantaneously removed when a telescope sight is to be used, and on other occasions when it is desirable to remove the staff assembly. In the case of the series 90 sights the staff assembly may be removed by completely screwing it out by means of the elevation adjusting screw.



No. 100-A for M/52 Winchester
Price \$13.00

No. 90-A, Price \$10.50

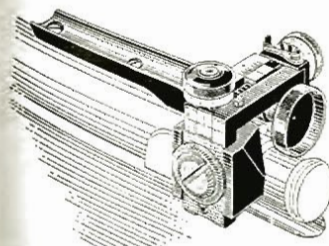
This sight is attached by means of the wide dovetail slot cut in the top of the receivers of these rifles. It is securely locked into position by means of the tapered pin furnished with each sight. Complete instructions for attaching are supplied with each sight.



No. 100-W for M/54 Winchester
Price \$11.50

No. 90W, Price \$9.00

Sights for the M/54 Winchester are attached to the left-hand side of the receiver by means of attaching screw holes already drilled and tapped in the receiver of the rifle.



Savage Models 19, 23 and 33 scope.

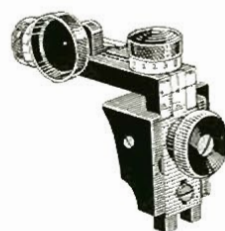
No. 100G, \$13.00

No. 90C, Price \$10.50

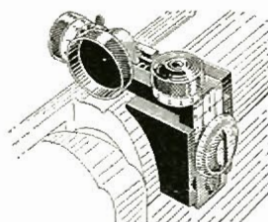
This sight is attached by means of a long tang base which utilizes the attaching screw holes already drilled and tapped in the top of the receivers of these rifles.

The attaching tang is dovetailed so that it may be used as the rear base for a Fecker, Winchester, or Lyman target

The disc block is below the windage arm, permitting a very low line of sight.

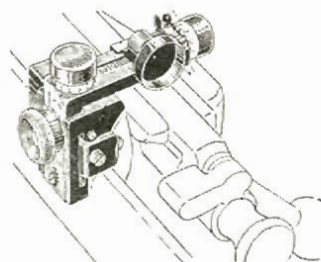


No. 100-M for Mausers
Price \$11.50
No. 90-M, Price \$9.00



No. 90-R
Remington M/30 Express
Price \$9.00
No. 100-R, Price \$11.50

This sight attaches by means of the attaching screw holes already drilled and tapped in the receiver of the rifle. A high front sight is required when this sight is used on the Remington M/30 Express.



No. 100-K for Krag,
Price \$11.50
No. 90-K, Price \$9.00

In some cases a higher front sight is required. This sight is attached to the left-hand side of the receiver of the rifle without any drilling or tapping necessary.

This sight is attached to the right-hand side of the receiver of the Mauser rifle. The receiver must be drilled and tapped to attach the sight.

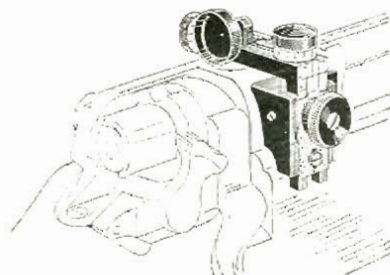
The front sight already on the rifle may ordinarily be used.



No. 90-S—1903, and 1922
M-1 Springfields and
Newton Rifles
Price \$9.00

No. 100-S, Price \$11.50

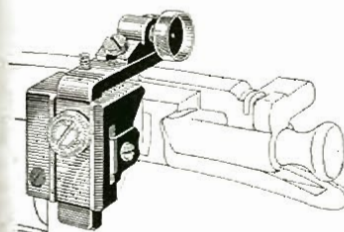
This sight is attached to the right-hand side of the receiver. Receivers of Service, National Match Springfields, and Newton rifles must be drilled and tapped.



No. 100-RW for remodeled
1917 Enfield, Price \$11.50
No. 90-RW, Price \$9.00

This sight attaches to the right-hand side of the receiver of the remodeled Enfield. The receiver of the rifle must be drilled and tapped. Before sight can be attached, the receiver must be reshaped. See page — for illustration and instructions.

Redfield Receiver Sights Plain Adjustment and Screw Type Adjustment



No. 102-K Sight for Krag
Price \$5.00

This sight attaches to the left-hand side of the receiver of the rifle without tapping or drilling or cutting of wood. It may be attached by anyone in a few minutes.



No. 102-W
Sight for
Winchester
M-54.
Price \$5.00

This sight is attached to the left-hand side of the receiver by means of attaching screw holes already drilled and tapped in the receiver of the rifle.

The regular factory front sight may be used satisfactorily.



No. 102-S Sight
for Springfield
1903 and 1922
M-1 and Newton
Rifles.

No. 102-R for
Remington M-30.
Price \$5.00

This sight attaches to right-hand side of the receivers of these rifles.

The Springfield Service and National Match receivers must be tapped and drilled. The Newton receiver must be drilled and tapped.

The receivers of the Remington M-30 are already drilled and tapped for this sight.



No. 102-M Sight for
Mauser Rifles. No.
102-RW Sight for
remodeled Enfields.
Price \$5.00

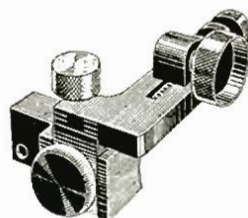
These sights attach to the right-hand side of the receiver of both the Mauser and the remodeled Enfield. Receivers of both rifles must be drilled and tapped.

Mausers occasionally require a different front sight.



No. 102 Sight for Winchester Models 1892, 1894, 1895, 1886, 53 and 55 Savage Model 1899, Marlin Model 39. Price \$5.00

Receivers of all these rifles must be drilled and tapped for attachment.

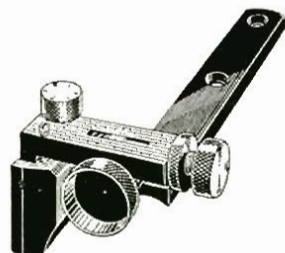


Nos. 102-CC and 102-CM Sights for Models 56 and 57 Winchester, Model 50 Marlin. Price \$3.00 (standard elevation). Price, \$4.50 ("Screw Type" elevation).



No. 102 Sight for Remington Models 14, 24, 12 and 25. Price \$5.00

These sights all mount on the left-hand side of the receiver. The receivers of these rifles are drilled and tapped to take the sight.



Price—No. 102-GG, \$6.00

No. 102-GM, \$7.00

Nos. 102-GG and 102-GM Sights for Models 1919, 1923, and 1933 Savage Rifles

The No. 102-GM sight is supplied with micrometer type thumb screw elevation and windage adjustments, but is without clickers, while the No. 102-GG sight is supplied with thumb screw windage only, and plain elevation.



Price

With "screw type elevation,"

\$4.25

With "standard elevation,"

\$3.00

Nos. 102-AA and 102-AM Sights for Remington Models 33 and 34; Winchester Models 60 and 60-A; Savage Model 3; Stevens Models 65, 66 and 053; Springfield Jr. Model 53; Ranger No. 34 and Western Field Single Shot B. A.

Nos. 102-BB and 102-BM Sights for Savage Model 4; Springfield Model 56 and Western Field Box Magazine Repeater.

Nos. 102-RR and 102-RM Sights for Savage Model 3-B Single Shot.

Nos. 102-EE and 102-EM Sights for Winchester M/63 .22 auto.

Redfield Receiver Sights

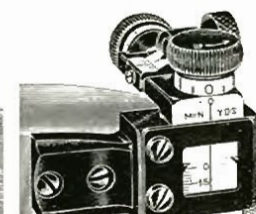
Series 70 and 75 for sporting and target rifles. Price No. 70—\$7.50. Choice of Hunting or Target adjustment knobs. No. 75—Price \$9.00.



No. 70 GT—for Savage Models 19 and 23. Straddles Savage safely on left side of receiver. Two holes to be drilled and tapped. Neatest, most compact and rugged sight ever made for these rifles.



No. 70 LT—For Savage Model 99. First practical micrometer receiver sight ever made for this famous rifle. Neat, compact, rugged and highly accurate. Attaches to rifle by screw holes already provided in tang.



No. 70 TT—For Remington rifles Nos. 12, 121, 241, 24, 25. Two holes must be drilled in left side of receiver. Template furnished with sight. An identical sight is furnished for Winchester Model 61. Nos. 70 ZT and 70 ZH attach to right side of receiver.



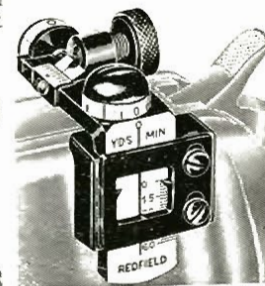
No. 70 WT — For Winchester Model 70 and most bolt action high power rifles. Easy to install, not necessary to cut stock. Service Springfield, Newton, Mauser, and Enfield rifles must be drilled and tapped.



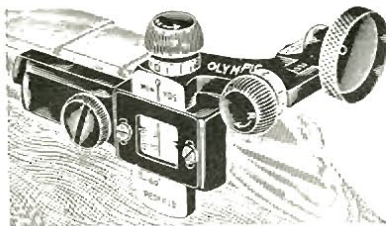
No. 70 BT—For Remington Models 14 and 141. Full attaching instructions and template furnished with each sight. On some early Model 14 rifles, it is necessary to use a higher front sight.



No. 70 XT — For Winchester Models 03 and 63. The only practical micrometer receiver sight for this popular small-bore small-bore automatic. Rugged, compact, highly accurate.



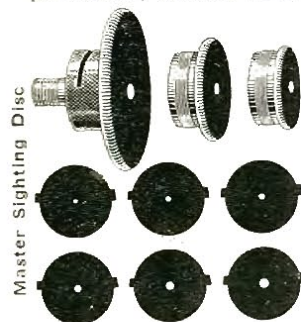
No. 70 EH — For Winchester Models 92, 94, 53, 55, 64, 65 rifles and carbines. All but Model 64 must be drilled and tapped. An identical sight is furnished for Winchester Models 86, 71, and 95.



The OLYMPIC RECEIVER SIGHT embodies many new and exclusive features not to be found in any previous sight, regardless of price. These important improvements will please the rifleman who goes against stiff national or international competition. This sight is recommended without reservation to the most critical and discriminating match rifleman for the finest target work.—\$3.75.

GUARANTEED FOR FIVE YEARS

Guaranteed for five years to be free from lost motion or backlash and to maintain uniform and accurate adjustment. Guarantee registration accompanies every Olympic receiver sight.



GLARE-PROOF, DISTORTION-PROOF
Optically perfect because aperture or sighting element remains in dark and is seen only through an opening in the eye piece. No light can strike the aperture itself. Consequently, it remains perfectly round without any distortion. Inserts of same principle as globe sight. Can be quickly changed with perfect centering assured. Indispensable to small-bore shooter. Recommended for use on scope height or extension receiver sight. Not suitable for use on receiver sights mounted in low, forward position. Price.....\$3.00

Parker Skylite Sights



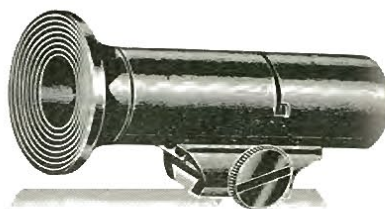
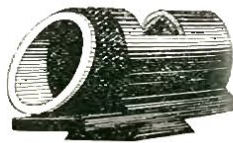
"The Sight That's Right for Every Light"

This is how the Skylite Sight looks against different backgrounds.

PRICES	HUNTER	SPECIAL	JUNIOR
With standard medium-fine white metal bead; to fit rifles having standard dovetail slot.	.....\$4.75	.....3.75	.....2.50

OTHER BASES

For Springfield as issued add.....0.50
For blade type (such as the older carbines, Savage '99, Remington bolt, Krag, early '54 Winchester, etc., add.....1.00
Bases will be made to fit special ramps and imported rifles at reasonable cost. In such cases either the rifle or present front sight should be sent in.



The OLYMPIC FRONT SIGHT retains the same mechanical principles as other Redfield target sights. Inserts are quickly and easily changed without dismantling the sight and without any possibility of reversing the inserts or placing them in upside down.

Ten inserts are provided: five steel aperture inserts of sizes .090, .110, .120, .140, .150, one post insert, size .100; four celluloid inserts, aperture sizes .090, .110, .120, .140. All apertures are chamfered to a thin edge for sharp definition.

Price with attaching base — \$7.50
Without base — \$7.00. Extra inserts, standard sizes listed above, 25c each; special sizes, 40c each.

Tang Peep Sights

For all Winchester, Marlin, Savage, Remington, Stevens, and Colt Rifles. Not made for bolt action rifles except for Model 1919 .22 N.R.A. Savage and Model 22 "Sporter" Savage

Important.—When ordering sights always give model, make and caliber. Always mention if rifle has pistol grip stock, as screws sent with sights for such rifles are of special length.

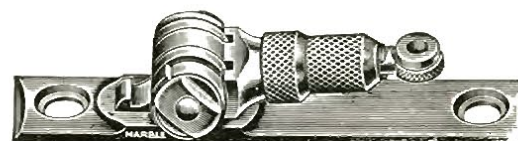
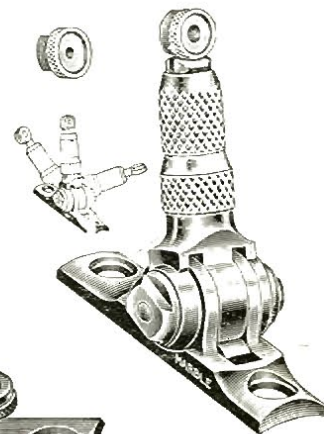
Flexible Rear Sight

Price, \$4.00

With target disc, \$4.50

Discs No. 1 and No. 2 are furnished with each sight.

Others are 50c additional



"Flexible Sight"—Showing Sliding Lock

Flexible Sight



Target Disc with Flexible Sight \$4.50



No. S1
For 1899 Model Savage
Price \$4.00



No. R6
For Model 8 Remington
H. P. Auto Loader
Price \$4.00

No. S5S—Flexible Rear Sight for Model 1919 .22 N.R.A. Savage.....\$4.00
No. S6S—Flexible Rear Sight for Model 22 "Sporter" Savage 4.00

"Special" Rear Sight

For Remington Rifles (Not Flexible) Price \$4.00

For Remington Model 12 and 12CS .22 Cal. Repeater, Model 14 High Power, Model 16 and 24, .22 Cal. Auto Loader and Model 25, 25-20 and 32-20 Cal.

Vaver Dial Micrometer Sights For All Rifles

Vaver Dial Micrometer Sights are an outstanding development and advance in design. Engineered to meet the most exacting requirements, they offer the rifle shooter absolute, accurate and rapid adjustments in either direction for both elevation and windage without play or backlash. The Micrometer action consists of a hardened cam with a "frusto-conical spiral lead." Engaging this cam are the hardened pins in the staff. These two hardened parts, functioning in mesh, are capable of lifetime use without perceptible wear; they therefore maintain accuracy.

Vaver Sights are equipped with 1/8 minute clicks (1/2 min. optional) to move accurately the impact of the bullet 1/8" per click, on the target at 100 yards. No. 35-MIELT Telescope height, extension sight, mounts on left side of the receiver by driving the mounting block into the dovetail receiver slot. Sight clears the bolt which may be taken out without removing the sight.

Elevation dial is graduated into eighty 1/8 min. clicks—10 min. per revolution. Windage dial is graduated into forty 1/8 min. clicks—5 min. per revolution.

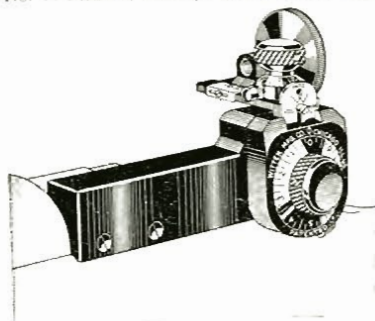
For Heavy Barrel "52" this sight is correct height in combination with Vaver Front Sight No. 36-FS and No. 35-EBB Barrel Band, or No. W-11-A Front Sight. For Standard Barrel (telescope height) use front sight No. 36-FWS or No. W-11-A.

RIGHT HAND EXTENSION SIGHTS

For Standard and Heavy Barrel "52"

No. 35-MIE (illustrated at left) Standard height extension sight that mounts on the right side of receiver by driving the mounting block into the dovetail receiver slot. The tang is 1-1/16" longer than right hand extensions. For Front Sight use Vaver No. 36-FS or other Globe Sight.

No. 35-MIE \$17.50
No. 35-MIERT, telescope height sight..... 16.00



VAVER DIAL MICROMETER Standard Sights For Round Receiver

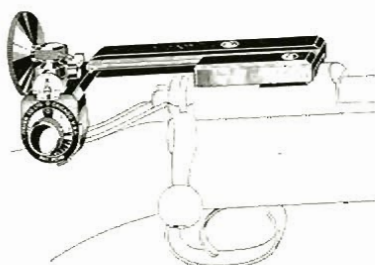
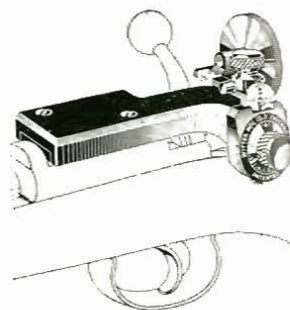
This sight is made with a special adapter to provide correct height for the Heavy Barrel with Marksman stock. Mounts on left side, using screw holes provided—no cutting or drilling is necessary. Correct height in combination with Vaver No. W-11-A Front Sight.

No. 35-MW-522 \$12.50

No. 35-MW-523 is same sight as above, except it is Standard Height. It is correct in combination with Vaver No. 36-FS Front Sight.

No. 35-MW-523 \$12.50

NOTE: A complete, free catalog, illustrating and describing Vaver Dial Micrometer Sights and Accessories may be had upon request. Write Pacific Gunsight Co.



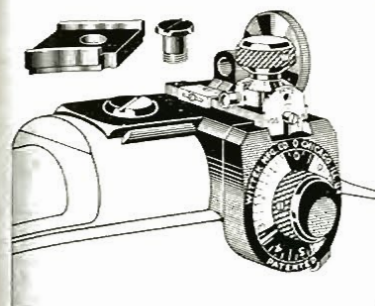
VAVER DIAL MICROMETER SIGHTS For Round Receiver Mounting

These left hand extension sights are made with adapters to fit Winchester "52" rifles with Round Receivers. Also Stevens Walnut Hill—all models, Ballard and BSA.

No. 3237 for Win. "52" \$15.00
No. 35-M5L for Stevens Walnut Hill..... 15.00
No. 35-M10 for BSA Rifles..... 15.00
No. 35-M12 for Ballard..... 15.00



VAVER DIAL MICROMETER SIGHTS For "52" With Dovetail Receiver Slot



No. 35-MIL is standard height with short tang for field or target use. Elevation and windage dials are graduated in 1/8" clicks to move the point of impact of bullet 1/8" per click on the target at 100 yds. For use on Win. H.B. with Marksman stock it is necessary to raise the sight by inserting the illustrated block, No. 187 under the sight tang. This is correct height in combination with No. W-11-A Front Sight. To use No. 36-FS with Nos. 35-MIL and MIR on Standard Barrel "52" raise the sight by inserting block No. 187 under sight tang.

No. 35-MIL (left) \$13.50

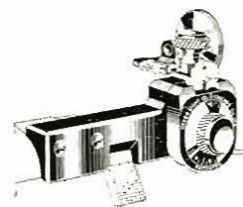
No. 35-MIR (right) 15.50

Block 187 1.50

VAVER DIAL MICROMETER SIGHTS For Remington Rangemaster

No. 37-RM is telescope height with extension for mounting on left side of the receiver. The sight clears the bolt which may be taken out without removing the sight. Elevation dial is graduated into eighty 1/8 min. clicks—10 min. per revolution. Windage dial is graduated into forty 1/8 min. clicks—5 min. per revolution. Leads on the cam are generated to provide correct movement for the longer sighting radius, thus giving absolute, accurate sight adjustments.

No. 37-RM \$15.00

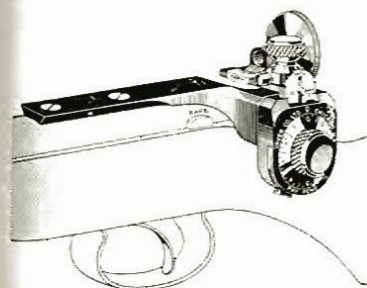


For Savage Rifles

Designed especially to fit Savage 1919 N.R.A., 1932 Sporter and 1933 N.R.A. Mounts on left side, using screw holes provided. Forepart of the tang is dovetailed to be utilized as a block for telescope mounting.

No. 35-M4A 1919 N.R.A., 1932 Sporter..... \$12.50

No. 35-M4B 1933 N.R.A. Bolt Action 12.50



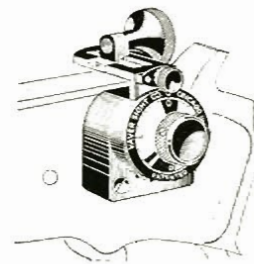
SERIES "38" VAVER DIAL MICROMETER SIGHTS For Light Hunting and Sporting Rifles

The Series "38" has been developed to meet the demand for a Dial Micrometer Sight for the lower priced target, hunting and sporting rifles. Series "38" sights have the same mechanical principles for accurate adjustments as our proven line of Precision Target Sights, with added features found necessary and practical for field use.

Elevation and windage dials are divided into 1/4 min. clicks. Elevation dial has 20 minutes per revolution and the windage dial has 3 minutes. Adjustments can be made rapidly and silently without play or backlash.

Series "38" sights are made for Winchester 61, 62, 63, 69, 72; Mossberg No. 46; Remington 25, 341A and Marlin 39, Savage 23-Sporter, Model 4, 5, 6, 7, also Stevens, Springfield or Buckhorn.

No. 3875 (illustrated) for the Winchester 75 is telescope height with extension. Height conforms to the correct standard.



and determined by Winchester engineers. Elevation dial has 40 clicks—10 min. per revolution and windage is divided into 12 clicks—3 min. per revolution.

Sight mounts on left side of receiver using the screw holes drilled at factory. Clears the bolt which may be taken off without removing the sight. Furnished with 1" eye cup having an adapter with .040 aperture.

No. 3875.....\$7.50



No. 1175 is a quick detachable companion front sight for the Winchester 75. Mounts on a telescope block driven into the barrel dovetail. Large field of vision reduces hazard of cross fire—cross bars instantly determine cant and provide telescopic effect and accuracy. Complete with 2 interchangeable light shades, 4 apertures and 2 (green and amber) light filters.

No. 1175 for Winchester 75.....\$4.00



SERIES "39" VAVER DIAL MICROMETER SIGHTS For Hunting, Sporting and Military Rifles

These sights are engineered and designed to meet the requirement of the owner and shooter of sporting and military rifles for a rugged Precision Sight, for sport and field use.

Elevation dial is 1 1/8" in diameter, easy to read, readily adjusted. Streamlined and mounted on a low adapter, there are no projecting parts to catch on clothing, underbrush, case or saddlebag. Elevation dial is graduated into forty 1/2 minute clicks—20 min. per revolution. It may also be graduated in yards to read the range in yardage figures directly from the dial—one revolution being adequate for ranges of 500 yards or more. Clicker mechanism on elevation is entirely enclosed so that adjustments can be made rapidly and silently. The enclosed clicker mechanism eliminates all projecting parts and provides the necessary protection against damage due to hard use and rough handling.

Series "39" sights are made for the Enfield and Winchester 70 for left side mounting, and for Springfield 30.06, mounting on the right side, ahead of bolt.

VAVER DIAL MICROMETER SIGHTS For Enfield

No. 39 EN is a standard height, short extension sight that mounts on the left side of the receiver. The sight clears the bolt which may be taken out without removing the sight. Elevation dial is graduated into forty 1/2 minute clicks. Windage slide moves rapidly, and is locked into place after adjustment, with the hardened eye cup block.

No. 39 EN.....\$8.00

(At Right) This illustrates the method of mounting Vaver No. 39 EN on the Enfield. Ears on the receiver are milled down to the bottom of original dovetail. Two screw holes are drilled in the side—the sight being securely held in position with the three screws (including the one original screw hole on top of receiver) and will not get loose. The sight exactly covers the milled part of the receiver—no bluing is necessary after the sight is mounted.



Vaver Standard Height Front Sight—Scope Block Mount



No. W-11-A with dovetail mounting is standard height for Win. "52" Heavy Barrel with Marksmen stock. For Standard Barrel, this sight is telescope height. Complete with 8 apertures, interchangeable light shades and two light filters.....\$5.00

Vaver Eye Cups With Lens Adapter



Made especially for shooters requiring optical aid. Holds lens 3/4" diameter. Cap also be used as regular eye cup without the lens. Furnished with protection cap for lens.

No. 37-LA (Eye cup, 7 apertures, lens holder and protection cap), lens not furnished.....\$2.50

Vaver Light Shades



Light shades for front sights—this shade is 2 3/4" long with a 3/4" hole. Knurled on one end with the opposite end tapered and threaded to screw into front sight. Specify for what make front sight.

No. 35-LS.....\$1.50

Quick Detachable Barrel Band



Has dovetail slot to receive front sight, bringing it up to telescope height. It is clamped on the barrel and held in fixed position with a lock, driven into the dovetail slot of the barrel. Specify size wanted.

No. 35-EBB Sizes 13/16", 7/8", 15/16" and 1".....\$4.50

Larger or special sizes—extra.....1.50

No. 35-EBB in combination with No. 35-FS Front sight.....6.00

Vaver Quick Detachable Front Sight Block



For Win. "52" Standard Barrel. Brings sight up to telescope height for use with telescope height receiver sights.

No. 35-XB.....\$2.00

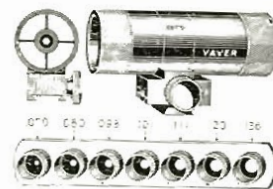
Vaver Eye Shield and Telescope Aperture



Found to be a practical necessity when shooting with a telescope. Will fit Targetspot, Fecker and Unertl rifle telescope. Specify make of scope.

No. 35-ETA.....\$2.00

Vaver Quick Detachable Front Sights



No. W-11-AT (illustrated) is telescope height, mounts on a special block driven into the barrel dovetail. Cross bars instantly determine cant, provide telescopic effect and accuracy.

Price.....\$6.00

Vaver Standard Height Front Sight



No. 36-FS (illustrated) Standard height front sight, blocks mounts on dovetail in the barrel. With No. 35-EBB this sight is telescope height.

Price.....\$3.50

No. 36-FS in combination with No. 35-EBB Barrel Band.....6.00

Vaver Eye Cups and Adapter Kits



Vaver standard eye cup (3/5", 5/8", 3/4" or 7/8") with one adapter and 7 apertures in different sizes. Complete assembly (9 pieces).

Price.....\$1.00

Kit 7B consists of seven adapters with apertures set in, mounted on a holder plate with size of apertures indicated.

Price.....\$1.75

Kit V.M.A. (not shown) is a Multi-aperture sighting disc assembly consisting of eye cup 1/2", 5/8", 3/4", 7/8" or 1"—the adapter and seven apertures in different sizes. The adapter is coin-slotted and removable for changing of apertures. These sighting discs fit all standard receiver sights.

Kit V.M.A.....\$1.00

King Ramps—Red Bead—Reflector Sights for Rifles and Revolvers

These Red Beads can be had in round or squared off on top, they are semi-transparent and absorb as well as reflect a portion of the light, thus giving off a wonderful red glow without blur or glare.

The Red Bead Sights are further illuminated by a non-tarnishable chrome mirror set in the top of the ramp or sight base at the proper angle to reflect the rays of light from above to the face of the red beads.

Colt .22 and .38 Officers Model and Shooting Master

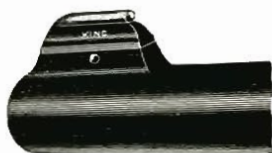


Price \$5.00



Price \$2.00

Super-Police Sights for Colt, S & W Revolvers

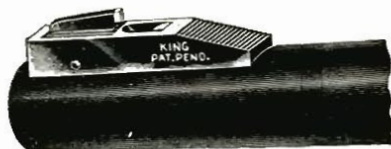


S&W Price \$2.50 Fitted



Price \$2.50 Fitted

For Colt Woodsman .22 Automatic
White Outline Rear Notch



Price \$5.00



Price \$2.00

Peep Sights for S & W Target Revolvers



King "Call"
Price \$1.00



Price \$1.50



Price \$2.50

Peep Sights for Colt Target Model Revolvers,
.22 Woodsman and .38 and .45 Auto. Pistols



Adjustable for windage only—Price \$2.50

KING BLOCK SIGHTS WITH REFLECTORS
Luminous Red, Gold or White Beads or Post



Springfield
With Hood



Krag, Winchester
54 and '95 Savage with
'blade' sight bases.



Enfield, Remington
Model 30 Express
and Model 30-S

Price with choice of 1/16", 5/64" Beads or .080 post \$2.50
Price with Detachable Hood..... 3.50

Band shown on Enfield is the original sight base cut down
and is not furnished with the sight.

**KING RED-BEAD REFLECTOR SIGHTS ADAPTED TO ALL
"STANDARD" BARREL SLOTS**



Post-Reflector



Red-Bead Reflector
with Detachable Hood



Red-Bead Reflector

With Detachable Hood

Price with 1/16", 5/64" Beads or .080 Post\$2.00
Price with Detachable Hood 3.00

The New King Reflector sight with Bead or Post type Sights with or without detachable hoods and choice of beads or Posts with Red, Gold or White gives a wonderful assortment to choose from. They are made for all "Standard" barrel slots.

Gold - Ivory - Red Front Sights



No. 3 No. 31 No. 26 Win. No. 5B
\$1.75

We carry all makes of front sights. Many of these are exact duplicates. When ordering state if you have a choice of make. Should we be temporarily out of stock of this particular one, can we duplicate in another make so we can make immediate shipment or will you wait for a factory shipment?

Full Gold Bead, 1/16 and 3/32.....	\$1.50
Gold, Red or Ivory Tipped (Partridge)	1.50
Gold, Red or Ivory Bead	1.00
Gold, Red or Ivory for Colt or S. & W.	1.50



Ivory and gold beads for all rifles and any height.



No. 20-B, \$1.50 "SPARK POINT," GOLD BEAD.
No. 20-C, \$1.00, IVORY BEAD.
No. 22-B, \$1.50 "SPARK POINT," GOLD BEAD.
No. 22-C, \$1.00 IVORY BEAD.

No. 20 B or C Winchester Carbines Model 92 and 94.
No. 22B or C Winchester Rifles and Carbines Model 95.



No. 25-B, \$1.50, "SPARK POINT" GOLD BEAD.
No. 25-C, \$1.00 IVORY BEAD.
No. 28-B, \$1.50 "SPARK POINT" GOLD BEAD.
No. 28-C, \$1.00 IVORY BEAD.

No. 25B or C Savage .22 and 250-3000 H.P. rifles.
No. 28B or C Springfield 30.06.

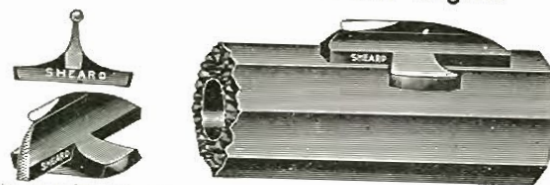


No. 30-B, \$1.50 "SPARK POINT" GOLD BEAD.
No. 30-C, \$1.50 IVORY BEAD.
No. 33-B, \$1.50 "SPARK POINT" GOLD BEAD.
No. 33-C, \$1.50 IVORY BEAD.

No. 30B or C Luger Automatic and Stevens Diamond Model Pistols.

No. 33 B or C Colt Revolvers and .22 Automatic Pistols.

Sheard "Gold" Front Sights



Made to fit nearly all sporting and military rifles, carbines, target revolvers and pistols, Luger and Mauser automatic pistols.

When ordering Sheard Front Sights for Mauser and Manlicher Rifles, send front sight now in use on rifle as sample to make sure that correct sight is sent.

Sheard Sight, with medium bead, each.....\$1.50



No. 4 No. 6 No. 11 No. 17

No. 4—Winchester Model 95 Rifles.

No. 6—Winchester Carbines, 1894 Model, .25-35, .30-30, and .32 Special calibers.

No. 17—Winchester 1890 and 1906 Model .22 caliber Repeating Rifles.

No. 11—U. S. Springfield, calibers .30-'03 and '06.



No. 26 No. 27 No. 30 No. 35

No. 26—Sauer-Mauser Rifles and Carbines. (Send sample.)

No. 27—Luger Automatic Pistols, .30 or 9 mm. calibers. Stevens Diamond Model Pistols, all calibers.

No. 30—Stevens No. 17, 18, 19, 20, 27, 44 and 70 Rifles, all calibers.

No. 35—Smith & Wesson Military and Police Target Revolver; in ordering state caliber and length of barrel.

Redfield Square Face Partridge Sight

Furnished standard in 1/16-in. blade, except revolver sights which are furnished in 1/10-in.



Price each, \$1.50 Gold

Redfield Full Gold Bead Sights



The center of the bead is solid steel. The gold bead is electro-welded to the steel body. It is extremely rugged and is splendid for use in dark timber since the rounded face of the bead will reflect any light available. Finished in 1/16 or 3/32 sizes in all dovetail base and blade types.

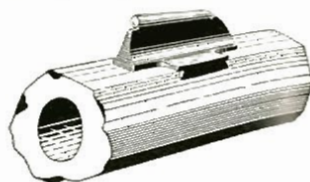
Price \$1.50 Each

Redfield Ivory and Gold Tip Sights

Redfield ivory bead sights have been designed for those shooters who prefer an ivory or white bead front sight. Beads are made of pure elephant ivory and will show up clearly and distinctly on all colored objects.

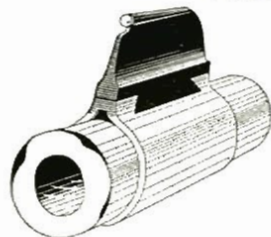
Redfield gold tip front sights are of the same construction as our ivory bead sights except are furnished with gold tip. These sights show up well on any background.

Made for practically all rifles, carbines, pistols and revolvers in two sized beads, 1/16 in. and 3/32 in.



Price each, \$1.00

Redfield Full Block Sights



Price each, 2.00

1/16 in. gold face partridge type blade. Each style bead is made in two sizes, 1/16 in. and 3/32 in.

No. 50—For use in combination with military rear sight. Overall height, .725.

No. 51—For use in combination with Redfield receiver sights or other receiver or bolt sleeve sights. Overall height .675.

No. 52—For use on U. S. Krag rifles when original Krag sight has been replaced by the Springfield fixed sight stud. Overall height .675.

Redfield
Globe
Sight

No. 64

- Nos. 63 or 64, with base.....\$4.50
 Nos. 63 or 64, without base.....4.00
 Nos. 65-66-67-68.....3.00
 No. 65—For all rifles having standard dovetail slots and requiring a front sight approximately 3/8-in. high, such as M/52, Winchester, etc.
 No. 66—For 1903 and 1906 Springfield.
 No. 67—For Mark 1 Springfield.
 No. 68—For heavy barrel M/52 Winchester, M/1919, 23 and 33 Savage.
 No. 65-S—For all Stevens rifles having wide slot for front sight.

Lyman 17A Globe Target Front Sight

Price \$2.50
Complete

Price Complete \$4.00



77 Target Front Sight with 9 interchangeable inserts. Mounts same height as scope. Uses special base furnished with sight.

King's Shotgun Sights

RED OR WHITE BEAD FRONT AND MIDDLE SIGHTS

Cut of Nos. 70-71 shows wrench and method of attachment. Red or White face is Crimped in steel.



Nos. 70-71

No. 72

Nos. 73-74

Nos. 75-76

No. 77

Nos. 70 and 71, Red or White Bead Sights are made of a round steel ball inset with a FULL ROUND HEAD of special material. They are especially designed to be fitted to Pump, Autoloading, Double or Single Barrel Guns—with or without rib.

No. 70 .175-in. dia., Red or White Bead; No. 71, .150-in. dia. \$1.00 each

No. 45 Drill......20 each

No. 3-56 Tap......30 each

No. 72 1/16-in. White or Red "Middle" can be fitted to any double or single barrel gun with rib......50 each

No. 75, .175-in. dia., and No. 76, .150-in. diameter Red and White Bead Sights are designed to be fitted to double or single barrel guns with ribs without threading the sight holes. Just pull out the old sight and replace with a King Red or White Bead Sight......50 each

No. 77 King Shotgun Sight in Red or Gold Bead, .175-in. diameter only. Solid steel construction similar to Nos. 70 and 71. Designed especially for Remington, and Savage Autoloading Shotguns and Cutts Compensator; 8-40 thread base. Price.....1.00 each

No. 29 Drill......25 each

No. 8/40 Tap......35 each

No. 73, .175-in. dia. No. 74 .150 dia......50 each

These sights are made entirely of Red or White material to fit into old holes which have been drilled to receive large base drive in threaded sights. Use 8/40 top.

Marble's Shotgun Sights



BI-COLOR FRONT FOR SINGLE BARREL GUNS

No. 216—Ivory Front Sight, 11/64 in. Tap and Wrench.....	\$1.00
No. 217—Ivory Front Sight, 11/64 in. dia.....	.75
No. 218—Bi-Color Front Sight only, 5/32 in. dia.....	.75
No. 219—Bi-Color Front Sight, 5/32 in. dia., for Single Barrel Shotguns, complete with tap and wrench.....	1.00

(Packed one in an envelope.)



Bi-Color Front

Ivory Rear

GOLD
IVORY
STEELBi-Color Front
Actual Size
5/32 in. dia.Ivory
RearIvory
Front

Front Reamer



Rear Reamer

Bi-Color Front for Double Guns.

The chief and great advantage of the "Bi-Color" sight is that it will not break off as very often happens with an all-ivory sight. It can be seen in any light.

Ivory Rear for Double Guns.

The Rear sight should be placed at about the center of the barrels, or from 12 to 16 inches from the muzzle sight, according to length of gun and shooter's eyesight—never more than 18 inches.

The rear sight keeps one from aiming too close to the gun rib, which prevents a clear view of the bird and cause undershooting. Good alignment cannot be secured without a rear sight.

For Double Barrel Guns Only.

No. 214—Ivory Front Sight, 11/64 in. dia.....	\$.40
No. 215—Ivory Front, Ivory Rear and Reamers.....	1.00
No. 220—Bi-Color Front, Ivory Rear and reamers.....	1.20
No. 221—Bi-Color Front Sight, 5/32 in. dia.....	.60
No. 223—Ivory Rear Sight, 3/32 in. dia.....	.40
No. 224—Front Sight Reamer.....	.10
No. 226—Rear Sight Reamer.....	.10

TWO GUN CLEANING NECESSITIES

HOPPE'S No. 9
NITRO POWDER
SOLVENT

The unfailing remedy for leading, metal fouling or rust. Cleans gun bores promptly, effectively. Proved by 25 years of high popularity.

2 oz. bottle.....\$0.35

HOPPE'S
LUBRICATING OIL

Pure, fine, penetrating oil that won't gum. Keeps guns smooth operating and rust free. Fishing Reels, too. Many household uses.

3 oz. can.....\$0.30

1 oz. can.....\$0.15

The Cutts Compensator

For Rifles and 12, 16, 20 and 410 Ga. Shotguns

Now available in Blued Steel,
or Blued Aluminum Alloy.

Long range No. 1 Tube 675 attached. Tube 680, long range No. 2. Tube 690, long range No. 3. Tube 705, full choke. Tube 725, modified choke. Tube 740, general purpose. Cleaning brush, wrench, tube carrying case and No. 10 Lyman Silver Bead Front Sight included with all sets of Compensator and Tubes.

Shotgun Compensator includes 2 Pattern Control tubes, case for tubes, cleaning brush, wrench and Lyman Silver Bead Front Sight.....\$18.50 net

Attaching Compensator to plain or solid ribbed barrels, each.....3.50 net

Attaching Compensator to ventilated ribbed barrels, each.....10.00 net

Additional Pattern Control Tubes to give various other choke features each.....3.00

Rifle Compensator for .30 caliber Rifles of Bolt Action or Take Down Type.....12.00

Attaching Rifle Compensators, each.....2.50 net

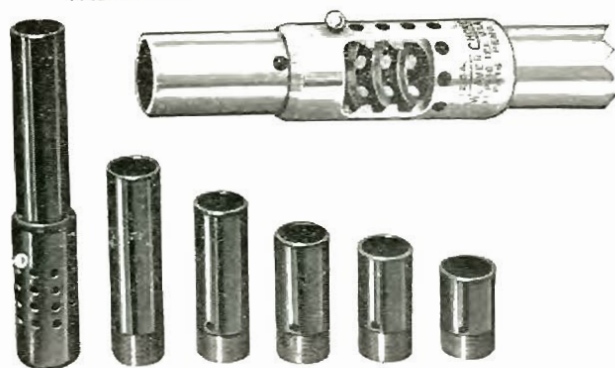
Send for special complete circular

SUPER POLY CHOKE



9 guns in 1. The Poly Choke fits the choke to the range. With seven degrees of positive choke and two of reverse, you are ready for anything on an instant's notice. Does not disturb the weight, balance, or feel of your gun. The Poly Choke can only be installed by the most skillful gunsmith who has been authorized by the factory to do this work. When you send us your gun, be sure to tell us what the overall length should be with poly choke installed. Price \$14.75. Send for special circular.

WEAVER-CHOKE FOR SHOTGUNS



Any degree of Choke from the wide even 20 yard Skeet pattern to Extra Full Choke pattern deadly at extra long range.

- Reduced recoil—
- Reduced muzzle blast—
- Uniform distribution of pellets—
- No blown patterns.

The bore of the Weaver-Choke is equipped with a series of baffle rings. The high velocity powder gases strike these baffles tending to pull the gun forward, reducing recoil. The gas is diverted out through the vents before the shot leaves the muzzle reducing the muzzle blast and eliminating blown patterns and scattered shot.

The Weaver-Choke is small and neat. It is attached easily by any competent gunsmith.

Six choke tubes are available, each correctly designed for its particular purpose.

XFC, extra full choke, deadly to 70 yards.

FC, full choke similar to the standard full choke.

$\frac{3}{4}$, three-quarter choke, for small game to 40 yards.

$\frac{1}{2}$, one-half choke, fairly wide shot spread, good killing pattern on small game to 35 yards.

$\frac{1}{4}$, one-quarter choke, wide spread for short shots to 30 yards.

S, Skeet or Scatter, a wide, even pattern for use at Skeet or for very close game shooting.

This cutaway view shows the baffle rings and gas vents of the Weaver Choke. High velocity powder gases strike these baffles giving a forward thrust that reduces recoil. Gases are diverted out through the vents before the shot leaves the gun, lessening muzzle blast, preventing scattered shot. The wads are wider than the baffles so the shot column is always effectively sealed from the scattering effect of rushing gas, much of which is caught by the baffles and released sideways.

Price complete with any two Choke Tubes \$9.75

Telescope Sights

We are specialists on mounting telescopes and have the most up-to-date tools and skilled mechanics for doing this work.



Lyman No. 438 Field Model Telescope Sight, for all hunting rifles, especially larger than .22 caliber.

Three-power magnification and field of 23 feet at 160 yards; makes scope easy to hold. Regularly furnished with cross hair reticule, or other styles of reticules in new scopes \$1.00 extra.

No. 438 Scope with regular mounts, bases, base screws, two taps and a drill.....\$20.00

No. 438 Scope and mounts, only..... 17.50

No. 438 Scope with new micrometer $\frac{1}{4}$ -minute click mount, and extra fine cross hair reticule, complete with bases, base screws, two taps and a drill for any rifle..... 30.00

Lyman Junior Targetspot Scopes, 6 and 8 Powers



Combine low power with brilliant illumination to meet requirements of hunters and target shooters. In 6X, wide field fine for small game and short range indoor target shooting. For those who can hold closely and require more magnification the 8X Junior is recommended. Rear Mount has 3 point suspension $\frac{1}{4}$ -minute clicks. Complete with mounts, bases, base screws, 2 taps and drill.....\$55.00

Lyman Targetspot Scopes, 8X and 10X



For the target shooter who wants the finest scope to demonstrate extreme accuracy. Extra large field. Magnificent optics. Simple parallax elimination and focusing.

Complete for all rifles with bases, base screws, two taps and a drill.....\$68.00

Directions for mounting and using scope are packed with each scope.

Lyman Super-Targetspot Scope, 10X, 12X, 15X, 20X



This scope supplied in 10, 12, and 15 power, having 34 mm free aperture objective lenses. Complete with new 3 point $\frac{1}{4}$ -minute click rear mount, front mount, metal lens cap, rubber eye cup, bases, base screws, two taps and drill.....\$82.50; 20x, \$88.00

Mounts have new Lyman locking device requiring bases having circular beveled mill cut. Rib to prevent rotating on top of scope.



Alaskan and Redfield Jr. Mount.
See Page 87 for more scope mounts.

Lyman Alaskan Hunting Scope, 2½X

Alaskan
and G H
Mount



Designed for high power rifles having such superior features as 5" non-critical eye relief, large field, light weight, short length, internal adjustments for windage and elevation. It can be mounted low without changing bolt handle; has Bausch & Lomb polaroid tested optics giving brilliant illumination. Practically universal focus for distance, but focus adjustment for individual eye.

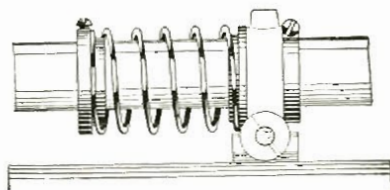
Scope only\$55.00

Scope with special Griffin & Howe mount, including mounting screws, and dowel pins.....\$80.00

Scope with Redfield Jr. mount, including mounting screws.....\$65.00

Standard reticule. Blunted picket post. Choice six other styles available in new scopes at no extra cost. To change reticules in scope is factory job\$11.00 list

Telescope Recoil Absorbers



The absorber makes the action of the sight 100% fool-proof and insures better success in shooting. It will fit any rifle telescope with sliding mounts and where the tube has a ¾" diameter. Although simple in design, it fills a long existing need. Price \$3.00.

WEAVER RIFLE SCOPES



Models 330 and 440—For All Rifles

Model 330 is the most popular hunting and all-around scope for all rifles. 2¾ power with long eye relief, 3" to 6". A scope of the highest quality, definition is needle sharp and crystal clear at the edge of the field as well as in the center. Maximum illumination allows aiming in poorest light. Large field of view and wide latitude of eye position make fast running shots easy.

Model 440 Scope, 4 power, 3¼" eye relief—slightly longer but otherwise similar to the 330.



330C, 440C have ¼" click windage and elevation screws.

330S, 440S have coin slotted, friction tight adjustment screws with knurled lock units. The screws can be adjusted with a coin.

Standard reticule, 330 and 440 scopes, either cross hairs or flat top post.

Model 330 with B mount, \$36.30—with Type T mount, \$31.90.

Model 440 with B mount, \$41.80—with Type T mount, \$37.40.

Weaver—Models 333, 344 and 355



These three models are similar except in power. They are shorter and much sturdier than the usual low priced scopes. Eye relief is 2" as in other makes of low priced scopes and so are recommended only on .22, .22

Hornet and other rifles of light recoil. Internal click windage and elevation adjustments, cross hair reticule. Precision ground and optically matched lenses.

No. 333 is 3 power and best suited for hunting and general use.

No. 344 is 4 power, an excellent combination target and small game scope.

No. 355 is 5 power and is used for long range when the mark is small and when many shots are taken from a rest.

Model 333 with T mount.....\$ 9.35
with B mount..... 13.75

Model 344 with T mount.....\$ 9.35
Model 000 with B mount..... 13.75
Model 355 with T mount..... 10.45
Model 000 with B mount..... 14.85

Weaver—Model 29S



This scope for use on high or low power rifles for hunting or target is the most outstanding scope value. The lens system is achromatic which gives excellent illumination, true colors, sharp definition. The 29S is sturdy, compact, and an ideal hunting scope, still it can be sighted in with the $\frac{1}{2}$ " click internal windage and elevation adjustments as easily as a target scope. Standard reticule is cross hairs. Supplied with either Type B (bridge mount) or Type T (rigid side bracket mount as illustrated). Always specify rifle to which scope is to be fitted.

Model 29S, complete with B mount.....\$18.70
complete with T mount.....\$14.30

Weaver—Model 329

Model 329 is a very low priced scope; however, it can be used on .22 to .30/06 rifles. Although it does not have the optical system as used in other Weaver Scopes it gives good results for hunting and general use. It is short, strong, and rigidly mounted. Windage and elevation adjustments are internal, controlled by screws and locknuts. Standard reticule is crosshairs.

Model 329 with T mount.....\$5.50 With B mount.....\$9.90

Type B Mount

Type B is a bridge mount designed to hold the scope in a very low position and to make it actually a part of the gun. Because the mount gives results as good as though the bases were machined from the solid metal of the gun itself its reliability is unexcelled.

Type B mount, complete.....\$6.60



Type T mount

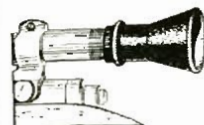
This mount has been thoroughly proved under all conditions and on rifles of all calibers, including the powerful .375 Magnum. It is quickly removable from the gun and is held securely by large hardened screws

having knurled and coin slotted heads and tapered binding surfaces, which hold the base in accurate alignment.

Type T mount, complete.....\$2.20

Both B and T mounts are made in different contours and shapes to fit different guns. When ordering always mention the make and model of the gun.

Rubber Eye Cup



Each \$0.30

Rubber Lens Caps



These caps protect the lenses and keep them clean. Pair\$0.40

Leather Lens Cap



For 330, 440 and 1X Scopes. These leather caps protect the lenses and keep them clean whether the scope is on or off the rifle. Set.....\$1.30

The rubber eye cup is employed to cut out disturbing side lights.

Specifications of Weaver Scopes

Scope Model	330	440	333	344	355	29S	329
Lens System	Double cemented compound achromatic, fully corrected.		Precision ground and optically matched.			Achro-matic	Special single design.
Type of Rifles	All rifles.		.22, .22 Hornet, and all rifles of light recoil			From .30/06 class to .22s	
Reticule	Cross hair or flat top tapered post.		Cross hair standard—tapered flat top post on special order.				
Weight with Mount	9½ ozs.	10½ ozs.	10 ozs.	10½ ozs.	11 ozs.	9½ ozs.	9 ozs.
Length	10½ in.	11¼ in.	11 in.	12¼ in.	13½ in.	10 1/8 in.	10 in.
Power	2½X	4X	3X	4X	5X	3X	3X
Field of View	35 ft.	27 ft.	33 ft.	28 ft.	20 ft.	31 ft.	29 ft.
Distance from Eye	3½ in. (3 to 6 in.)	3¼ in.	2 in.	2 in.	2 in.	3¼ in.	3 in.
Type of Adjustment	All Models—Double internal adjustments for windage and elevation.						
Windage and Elevation Control	330S, 440S—adjustment screws equipped with lock nuts. 330C, 440C—¼ in. Click		½" click	½" click	¼" click	½" click	Screw and lock nut type.
Focus	All Models—Universal focus for distance. Micrometer eyesight adjustment.						
Finish	All Models—All steel, finely polished and gun blued. Not painted						
With Type T Mount	\$31.90	37.40	9.35	9.35	10.45	14.30	5.30
With Type B Mount	\$36.30	41.80	13.75	13.75	14.85	18.70	9.90

Weaver Model IX Scope For Shotguns or Hunting Rifles



The 1X is the fastest sight ever made, used for Skeet and Trap shooting, and it is deadly on quail, ducks, doves, rabbits. It has a large conspicuous aiming dot—both it and the target are seen the instant the gun is thrown to the shoulder.

With the 1X:

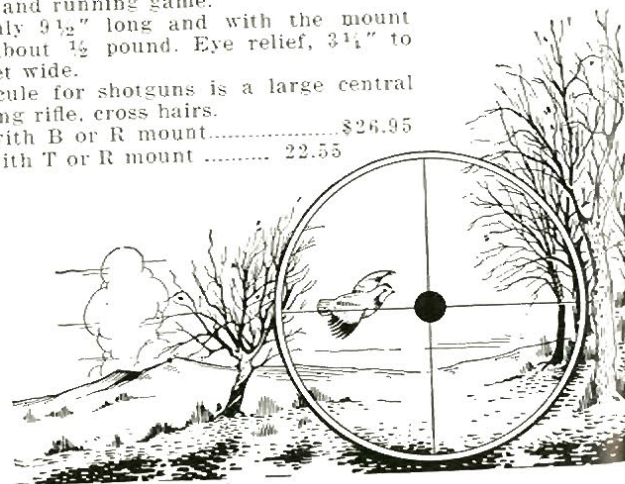
- Aiming is extremely fast.
- Eye position is unimportant.
- Both sight and target are clean cut and sharp.
- Exact leads are easy on cross flying game.
- Shooting with both eyes open is simplified.
- The shooter knows exactly where he is holding and where the shot pattern will strike.

For rifles it is the best sight of all for fast shooting, aerial targets, and running game.

The 1X is only 9½" long and with the mount weighs only about ½ pound. Eye relief, 3¼" to 7", field 75 feet wide.

Standard reticule for shotguns is a large central dot; for hunting rifle, cross hairs.

IX complete with B or R mount.....\$26.95
IX complete with T or R mount 22.55



UNERTL QUALITY RIFLE TELESCOPES



THE UNERTL 1" CLEAR APERTURE OBJECTIVE TARGET SCOPE

The 1" scope is furnished in 6, 8, or 10x equipped with ¼" Pope rib, clamp ring and screw dust caps for both ends and is priced \$35.00 less mounts, or \$47.50 complete with the new Lyman 3 point suspension mounts and bases.



THE UNERTL SMALL GAME AND GALLERY SCOPE

These scopes are priced \$22.00 net, less mounts.
With new Lyman target style mounts and bases \$34.50.
With Stith mounts having windage and elevation \$37.00.



THE UNERTL 2½ OR 3X BIG GAME HUNTING SCOPE

\$35.00 Net, less mounts.

\$28.00 Net, less internal adjustments.

\$45.00 Net, with internal windage and elevation adjustments.

Your favored mounts for Unertl hunting scopes will be supplied at regular additional cost. Send for complete circulars.

THE FECKER TELESCOPIC SIGHTS

For the rifleman, represent the highest standard and latest developments in optical design and construction. They are the result of many years' experience in the design and construction of optical ordnance material.

For more detailed information, send for special circular.

3 power 18 in. scope
mounted on an M54
Winchester rifle.





2 1/2 power 12 in. scope mounted on a Remington Model 25 rifle.



1 1/8 in. scope mounted on the service Springfield rifle.



3/4 in. scope mounted on an M52 Winchester with special stock.



1 1/2 in. scope mounted on a Springfield M1.

PRICE LIST

The Fecker Precision Target Scopes with 3/4-inch clear aperture objective are made in 20-inch length in 4.5, 6, 8 and 10 power.

Price with 1/2 or 3/4 minute click mounts, base and caps\$45.00

Price with plain micrometer mounts, bases and caps.. 52.50

For use as a combined spotting scope and rifle sight the Fecker Scopes are supplied in 22 inch length with 1 1/8-inch clear aperture objective in 6, 8, 10 or 12.5 power.

Price with 1/2 or 3/4 minute click mounts, bases and caps\$60.00

Price with plain micrometer mounts, bases and caps 52.00

The 1 1/2-inch clear aperture objective combination target and spotting scope is supplied in 25-inch length.

Price with 1/2 or 3/4 minute click mounts, bases and caps\$85.00

Price with plain micrometer mounts, bases and caps 77.50

Small game scope in lengths of 16 or 18 inches in powers of 2 1/4, 3 or 4.

Price with 1/2 or 3/4 minute click mounts, bases and caps\$37.50

Price with plain micrometer mounts, bases and caps\$30.00

Small game scope in lengths of 10, 12 or 14 inches, in powers of 2 1/4, 3 or 4.

Price with 1/2 or 3/4 minute

click mounts, bases and caps\$42.00

Price with plain micrometer mounts, bases and caps 34.50

Conversion prices:*

3/4" to 1 1/8"\$15.00

3/4" to 1 1/2" 40.00

1 1/8" to 1 1/2" 25.00

*These prices include complete re-bluing of the scope.

High power eyepiece

To fit any of the target scopes\$ 8.50

Extra reticules 2.50

Leather carrying case

Specify objective size. If small game scope specify length 5.00

Extra hardened steel bases and screws

(Specify rifle) 1.50

Mounts are not sold separately.

Redfield Bridge Type Mounts

The Redfield Bridge Type Scope mounts offer the hunter the lowest and lightest scope mount that can be designed, yet strong, simple and practical. There are no projections to catch in a saddle scabbard, and a bolt action sporting rifle equipped with any but the largest scopes can be carried in a regular U. S. Army scabbard. This illustrates the extremely low mounting and compactness of these mounts.



Front Mount



Rear Mount



Note greater distance between mounts. This allows for definite windage adjustment and facilitates sighting in.

	PRICES
Mounts for Hensoldt Zielklein 2 $\frac{3}{4}$ X.....	\$23.50
Mounts for Zeiss Zielklein 2 $\frac{3}{4}$ X.....	23.50
Mounts for Hensoldt Zielyt 2 $\frac{3}{4}$ X.....	26.50
Mounts for Zeiss Zielvier 4X.....	30.00
Mounts for Hensoldt Zielvier 4X.....	30.00
Mounts for Zeiss Zielvier 4X.....	30.00
Mounts for Hensoldt Dialytan 4X.....	30.00
Mounts for Noske Fieldscope 2 $\frac{1}{2}$ X or 4X.....	26.50
Extra Bases for Interchangeable Mounting.....	\$12.00 to 15.00
Mounting Charge.....	6.50
Bolt Handle Altered.....	6.00
Redfield Safety for Springfield, 54 Winchester and Mauser.....	5.50
Targeting High Power Rifles.....	5.00
Disc Block to Use on Rear Base.....	1.50

Redfield Junior Mounts



Very low. Absolutely rigid. Positive adjustment. Instantly removable without affecting zero. Same principle, quality and precision workmanship as famous Redfield bridge-type mount. Made for .22 Cal. and high power rifles.

	PRICES
29-S Weaver Scope and Redfield Junior Mount.....	\$19.50
330 Weaver Scope and Redfield Junior Mount.....	35.00
440 Weaver Scope and Redfield Junior Mount.....	40.00
Unertl 3X Scope and Redfield Junior Mount.....	45.00
Zeiss Zielklein Scope and Redfield Junior Mount.....	46.00
Redfield Junior Mount for Weaver, \$9.50; for Zeiss Zielklein and Unertl Lyman Alaskan.....	11.50
Mounting charge.....	2.50

How Bridge Type Mounts Look on a Rifle



Springfield Mounted with Zeiss Zielklein Bolt Handle Altered

Model 99 Savage. Showing Zeiss Scope with low mounting on a lever action rifle.



Remington Model 30 Express (Bolt Handle does not have to be altered.)

Zeiss Sighting Telescopes



Zeiss Zielklein 2 $\frac{3}{4}$ x 18

Zeiss Zielvier 4x



Zeiss Zielklein with Internal Windage and Elevation

LIST PRICES ON ZEISS
Subject to Change Without Notice

ZEISS

Zielklein 2 $\frac{3}{4}$ X.....	\$40.00
Zielklein 2 $\frac{1}{2}$ X with internal windage and elevation.....	52.00
Zielvier 4X.....	70.00
Zielvier 4X featherweight.....	85.00
Zielsechs 6X.....	82.00
Zielacht 8X.....	93.00

Zeiss Scopes regularly furnished with Nos. 1, 2, 6 or 7 gratitudes at list prices. Nos. 3, 4, 5 or cross hair graticule at \$6.00 additional. Internal Windage \$16.00 additional.

"INSTALL - IT - YOURSELF" STITH SCOPE MOUNT

Made for the Win. Model 70 only. For the Lyman Alaskan \$15.00. For Weaver

scopes \$12.00. The only scope mount made for a hunting scope that you can put on yourself by using the existing holes and slots already on the gun.



REDFIELD SAFETY FOR SPRINGFIELD, 54 WINCHESTER, AND MAUSER RIFLES



The above cut illustrates the new safety when in the "ON" position.

The Redfield Safety is designed to function on a quarter-turn, is contoured on the top to fit snugly under the scope and has a ribbed thumbpiece for ease of operation. Its most important feature is the fact that the bolt handle is locked down when the safety is in the ON position which absolutely insures the shooter against misfires due to the bolt handle being slightly raised. Price.....\$5.00



This cut shows the safety in the "OFF" or ready position.

Mossberg Rifle Telescope Sights

FOR .22 CAL. AND HORNETT RIFLES



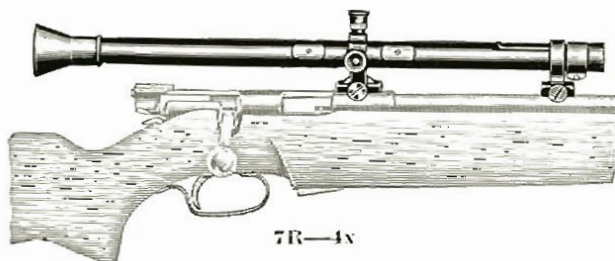
5M4—4x

5M4—Telescope Sight—4 power, internal adjustments—
low mounting\$7.85



7M4—4x

7M4—Telescope Sight—4 power, top mounting,
internal adjustment\$8.95



7R—4x

7R—Telescope Sight—4 power double reticule.....\$9.90
8M4—Telescope Sight—4 power, internal adjustments,
high mounting\$7.85



RF-1—4x

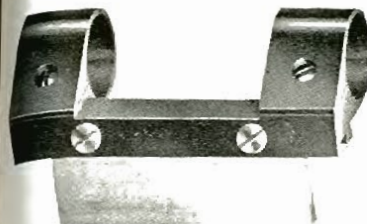
RF-1—Telescope Sight—Range Finder 4 power.....\$10.75



9-2 1/2—2 1/2x

9-2 1/2—Telescope Sight, 2 1/2 power.....\$4.95
9R—Telescope Sight—4 power, double reticule
(L9R for left hand rifles).....\$9.15

Parts and service on Mossberg Rifles and Telescopes.
Literature on Mossberg Rifles or Scopes on request.



The Noske Mount Simple, Strong and Sturdy.
Noske Mount\$16.00
Weight 7 Ounces. Length 3 1/4".



UNIVERSAL SCOPE MOUNT

Instant use of either scope or
iron sights supplied for the fol-
lowing rifles and scopes.
Swings into or out of sighting
position instantly. Price \$10.00.

WOLLENSAK 20X SPOTTING SCOPE



Besides being an excellent all round telescope, the 20X glass is
highly recommended as a spotting scope on the rifle range. It meets
the demands of riflemen who are looking for a quality scope at a
popular price.

Small bore holes can be spotted with clarity and detail from 15 feet
to 100 yards. For longer ranges the higher powered telescopes are rec-
ommended. Collapsed this telescope is very compact and will fit nicely
in the shooting kit. (For further specifications, see reverse side).

Price Scope\$14.00
Price with Tripod21.50
Price Tripod7.50

Achromatic Telescopes

Chromium-plated draw tubes and attractive ribbed vulcanized fibre
body assure permanence and durability. The smooth acting, true fitting
tubes permit quick focusing and perfect alignment at all times. Packed
in leather cases.

Power	Diameter of Objective	Length Extended	Length Closed	Draw Tubes	Field of View at 1000 yds.	Weight	Price
8X	7/8"	9 1/4"	4 1/2"	2	50 yds.	3 1/2 oz.	\$ 5.25
10X	7/8"	14 3/4"	5 3/8"	3	33 yds.	7 oz.	10.75
15X	1 1/4"	18 5/8"	6 1/2"	3	25 yds.	12 oz.	14.50
20X	1 7/8"	24 5/8"	8"	3	21 yds.	17 oz.	17.50
25X	1 3/4"	30 3/4"	9"	4	17 yds.	26 oz.	24.00
35X	1 3/8"	38 1/2"	10 7/8"	4	15 yds.	40 oz.	39.75
45X	2 1/4"	46 3/8"	12 1/2"	4	13 yds.	65 oz.	58.50

Mossberg Spotshot

Model A 20X Spotshot..... \$23.50
Model A Folding Stand..... 7.65

Specifications

Model A 20-power Spotting
Scope

- 1 Achromatic lenses, 38-mm. objective and 10-mm. eyepiece, ground to within one hundred-thousandth of an inch, or one-half length of light wave, insuring a precision optical instrument.
- 2 Body and draw tube of the best materials for light-weight and strength.
- 3 Micrometer adjustment for focus.
- 4 Protective caps for both ends.
- 5 Length extended 17 in., closed 12 1/2 in.
- 6 Weight 1 3/4 lbs.

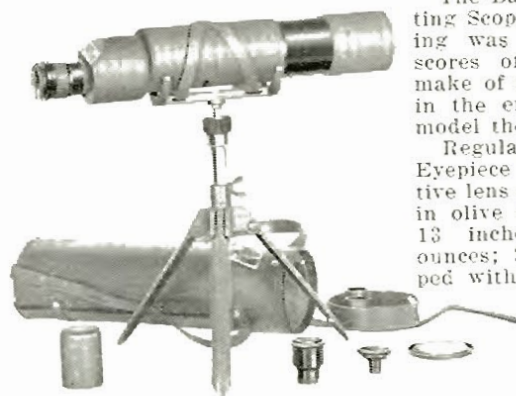


- 7 Field, approximately 7 1/2 feet at 100 yards.

Model A Folding Stand

- 1 Sturdily built of aluminum alloy castings accurately machined.
- 2 Black wrinkle finish to match Spotshot Scope.
- 3 Screw adjustments for both vertical and horizontal positioning.
- 4 Height adjustment from 9 1/2 in. to 14 1/2 in.
- 5 Can be used to hold all makes of Spotting Scopes.
- 6 Folds to 10 x 3 1/4 x 3 ins.
- 7 Weight 2 3/4 lbs.

Bausch & Lomb Spotting Scopes



Price \$55.00
65MM Prismatic Scope \$78.00

The Bausch & Lomb N.R.A. Spotting Scope for rifle and pistol shooting was designed after consulting scores of riflemen. Every popular make of scope was closely examined in the endeavor to make the B&L model the very best.

Regularly furnished with 19.5X Eyepiece as standard. Metal protective lens caps on both ends. Finished in olive drab baked enamel, length 13 inches, weight 2 pounds, 6 ounces; 2-inch objective lens equipped with 19.5X Eyepiece.

Extra Eyepieces: 36.5X (Orthoscopic) 7.50
12.8X 6.00
26X 6.00
Leather Carrying Case and Strap 7.00
B. & L. Tripod with new Ball and Socket Clamp 10.50
Metal Lens Container for individual lens protection..... 1.50



Specifications: Size closed, 2 1/4 inches x 12 5/8 inches overall; extended, 17 1/8 inches; draw tube, 4 7/8 inches; weight, 2 pounds; diameter of objective lens, 45 mm.; diameter of eyepiece lens, 10mm.
Price \$30.00

Argus Spotting Scope

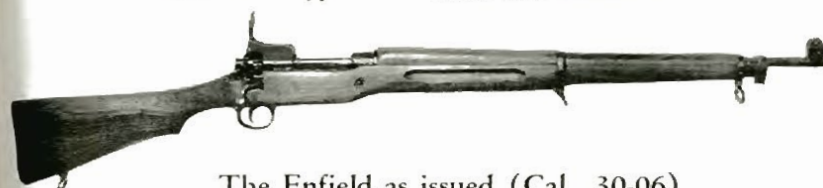
Made by the manufacturers of precision built Argus candid cameras—55 MM objective—new sloping eye piece—extra long eye relief—choice of three eye pieces—lens are of the highest optical quality — precision and sturdy construction throughout—weighs only 43 oz.



The eye piece power is 20x. You have your choice of three different eye power, 20x, 12.8x, or 26x. If you want an additional eye piece, they are \$5.00 extra. The 20x is the most popular.
Scope complete less tripod, \$55.00. Extra eye pieces, \$5.00 each.

Converting the U.S. Rifle into a Sporter or Target Rifle Model 1917 (Enfield),

Different Types of Remodeled Enfields



The Enfield as issued (Cal. .30-06)

Before the World War No. 2 any member of the National Rifle Association was entitled to purchase one of these rifles from the government for \$7.50. If you are not already a member of the N.R.A. it will be to your advantage to join. Write to us about it. The association, through its magazine (The American Rifleman), keeps you in touch with the latest shooting activities. The object of the National Rifle Association is to promote marksmanship "so that America will once again become a nation of riflemen."



JOB NO. 4

Remodeled Into a Target Rifle

With this type of remodeling the Enfield has been converted into a target rifle that can hold its own on the range against any rifle. The rear wings have been ground off and a Pacific EN2 sight has been installed. This is a full micrometer sight having $\frac{1}{2}$ " adjustments, made for close shooting and fine adjustments. For the front, the regular issue sight has been left in place and shaped to more uniform lines by grinding off the wings and tapering the sides. The stock has not been altered in any way. This is the least expensive and easiest remodeling job for accurate target shooting.

Material Used on Remodeling Job No. 4

EN2 sight	Labor Extra.	7.00
-----------	--------------	------



JOB NO. 5

Remodeled Into a Sporter, Using the Issue Stock

With this type of remodeling the Enfield has been converted into a sporter, at the minimum of cost. The issue stock is used, the comb has been raised and a better shaped pistol grip attached. The forend has been shortened and the hand guard removed. On the rear, either a model EN1 or EN2 can be used. For the front, the issue sight is left in place and reshaped, the same as on the target rifle. A barrel holding band and a Pacific butt plate is added to finish the job and you have a perfect sporter for any kind of shooting.

Material Used on Remodeling Job No. 5

EN2 Full micrometer sight	Labor Extra.	\$7.00
or		
EN1 Hunting sight, plain adjustment		4.00
Barrel forend swivel ring and screw		2.25
Stock screw with swivel end		.25
Cut down stock, raise comb, attach pistol grip, furnish and fit aluminum butt plate		6.75



JOB NO. 6

Springfield Sporter Type

With this remodeling job, we have discarded the service stock and used our Springfield Sporter type stock, on the rear is installed a model EN2 full micrometer sight, and on the front is a band sight with plain square steel blade. With this job is used the military type of barrel band which goes around the barrel and stock. For the butt plate, we used a Pacific aluminum butt plate. This rifle has the feel and looks of a Springfield Sporter.

Material Used on Remodeling Job No. 6

EN2 Full micrometer sight,	Labor Extra.	\$ 7.00
or		
EN1 Hunting model, plain adjustment		4.00
Front band sight and plain blade		1.50
Military type holding band		.90
Semi-finished stock, American walnut		5.00
Aluminum butt plate		.75



De Luxe Sporter

This is a made-to-order job and can be worked out to your special specifications. The stock illustrated has a checkered forend and pistol grip. Rear sight is a model EN2 full micrometer sight and on the front is a ramp with a gold bead and shading hood. This hood is removable. Quotations will be submitted on all special stock jobs.



Light Weight Express Type Sporter

With this made to order job the Enfield has been converted into the highest type of express type hunting rifle, to equal this rifle

in a commerical gun would cost you at least \$120. The stock and surplus metal has been worked down to make the rifle as light as possible and the barrel has been cut to 22 inches. On the rear a model EN4 sight can be installed and a ramp, gold bead, and hood on front. These are auxiliary sights that can be used with or without the scope. The scope is the famous Noske Field-scope 2½X. On the butt, is a Jostam Anti-Flinch recoil pad.

Peerless Stocks



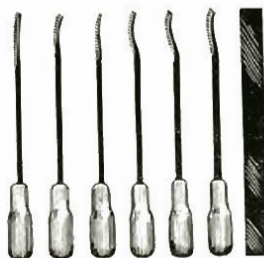
For Enfield, Springfield, Krag, Mauser, Remington 30, 34, Russian 7.62, Winchester 52, 54, and most all other bolt action rifles.

Stock semi-inletted and semi-finished outside like illustration. Cut from selected American walnut. Takes about a day to finish. Price for any rifle.....\$6.00

Stock semi-finished outside—inletting finished. Price.....\$9.50

Stock completely finished: Oil finish, perfectly bedded, ready to receive the barrel and action, aluminum butt plate, pistol grip cap, cheek piece and sling swivels. Price.....\$13.50

Inletting finished\$ 9.50



Checkering Tools

These Checkering Tools have proved to be unquestionably the best over a number of years. Each set comprises a starting tool, three different widths of checkering, bordering, and cleaning out tools and rule. Each tool equipped with handle.

Price Per Set \$6.00

Standard set with steel shanks \$5.00 per set. Same number of tools as the above set.

How To Make a Perfect Finish on Your Stock

Smooth down with fine sandpaper and steel wool. When it is perfectly smooth, dampen it slightly with water and dry over a quick flame. This operation raises the grain and the stock is now rough again. Sand it down smooth once more, then apply STEWART STOCK FINISH. Apply with a smooth cloth, rubbing well into the grain, use a circular motion, then put on as thick a coat as possible and let it stand overnight.

Next morning, rub all the dried finish off with a smooth cloth and the job is completed.



Jar 25c

BISHOP STOCKS

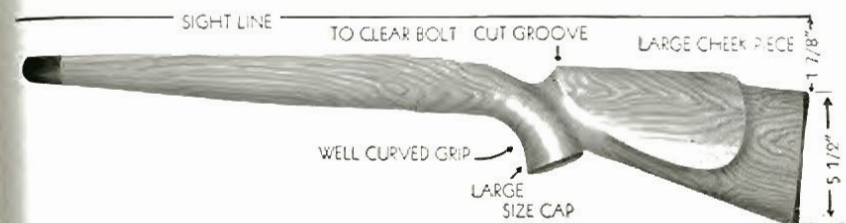
Semi-finished outside and semi-inletted. Plenty of wood at all points. Tenite for-end tip. Can be supplied for 5 or 6 shot magazine. Monte Carlo cheek piece. Can be supplied for Enfield, Krag or Springfield. This stock cannot be supplied finished.

Bishop stock semi-finished, state what type.....\$5.00

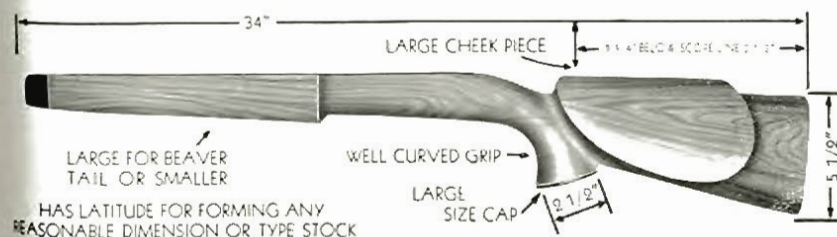
Bishop stock semi-finished (Mannlicher type).....\$7.50

Shipping weight 4 lbs.

Sporting Type



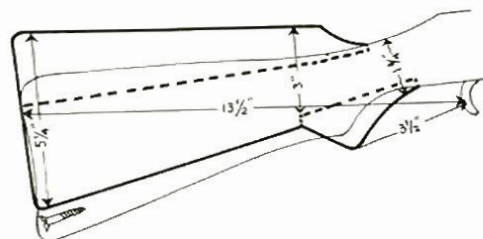
Target Type





Issue Stock Remodeled

With this job, the issue stock is used, and with the minimum amount of labor and expense, you have a sporting stock of the correct shape and dimensions. By following the directions as to dimensions, these alterations can very easily be done with very few tools. If job is done at the factory the price is \$6.75 including butt plate.



Suggested plan for remodeling the issue stock

The stock of the Enfield rifle has too much drop for the average shooter. It is necessary to cut some off the bottom and add to the top. In the diagram you will see a heavy line drawn just above the screw; cut the stock along this line and along the dotted line shown above it and add a piece of wood to the top. If the pistol grip is not satisfactory, it can be improved on the lines suggested in the drawing. The heavy black lines show the finished stock and the light lines show the original stock. The dimensions of the heavy black lines are the same as a Springfield Sporter.

How To Reshape the Front Issue Sight



Made to the correct dimensions to replace the issue military blade.

Ivory bead	\$1.00
Gold bead	\$1.50

Cut off the wings and slope up the sides to more uniform proportions. Gold or ivory bead sights can be supplied for this assembly.

26" barrel .....	.600	22" barrel .....	.635
24" barrel .....	.616	20" barrel .....	.652

Correct Height of Front Sights

Rear Sights	Height of front sight	Height of band or ramp	Height of blade
Models EN1 & EN2	25/32" from top of barrel	9/16"	13/32"
" EN3 & EN4	19/32" from top of barrel	3/8"	13/32"
" EN5.....	21/32" from top of barrel when disc is down	7/16"	13/32"
" EN6 bolt sleeve.....	21/32" from top of barrel when disc is down	7/16"	13/32"
" EN7 open sight.....	17/32" from top of barrel	5/16"	13/32"

This scale based on 200 yards standard loads. Add 1/32 to 1/16 to height of blade for ranges less than 200 yards.

Labor Charges

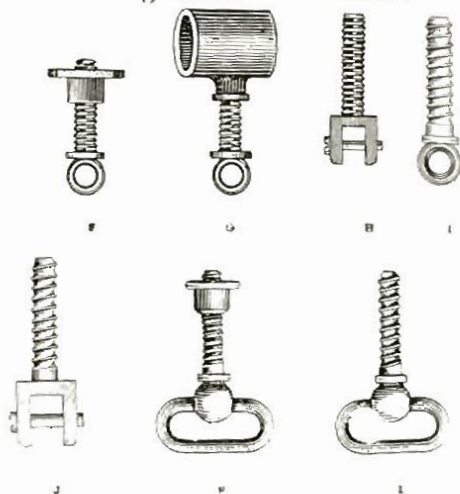
Prices subject to change due to labor conditions.

Cutting off barrel and crowning muzzle.....	\$1.50
Install front sight ramp or band.....	1.00
Mill off rear sight for model EN1, EN2, or EN6 and rebluing receiver	4.00
Mill off rear sight for model EN3 or EN4 and rebluing receiver	5.00
Mill off rear sight for model EN5.....	5.00
Complete rebluing job, barrel, action, and all metal parts.....	7.50
Drill and tap receiver for Lyman or Pacific receiver rear sights, models EN3 and EN4	2.50
Cut down stock, raise comb, attach pistol grip, and furnish and fit aluminum butt plate (butt plate included).....	6.75
The same job but without butt plate.....	6.00
Install Pacific bolt sleeve sight (includes removing of play from bolt sleeve)	3.00
Remove play from bolt sleeve and adjust trigger pull.....	1.75
Polish bolt	1.75
Grind ears off front sight and reblue.....	1.25
Install Pacific Buckhorn sight Model EN7.....	1.50

Military type holding band to fit stock after the hand guard has been removed. Price with screw... \$.90



Holding Bands and Screws



Parts I, J and L are wood screws.

- (F) Forend Swivel Base and Screw. Nut is countersunk in forend. Price \$2.25
- (G) Barrel Forend Swivel Ring and Screw, for use through forend. Price \$2.25
Part H or K may be substituted for the ring screw. Use the same system of measuring for these bands as we use when measuring for a ramp.
- (H) Screw to take the military strap loop, either this screw or the ring end screw can be had with swivel F or G. Price 35c; nut 10c
- (I) Stock screw with swivel end. Price25
- (J) Stock screw to be used with military strap loop. Price35
- (K) Forend Swivel Base and Screw. To use with a 7/8-inch or 1 1/4-inch carrying strap—nut is countersunk in forend. Price70
- (L) Stock screw with swivel end. To use with a 7/8-inch or 1 1/4-inch carrying strap. Price60
- Stock screw bushings (short and long) each .07
- Recoil lug cross bolt 20c



See page 126 for a new quick detachable swivel.

Revolving Quick Detachable Sling Swivels

7/8 and 1 1/4 Price Complete, per pair..... \$2.00
Extra Bushings Complete, per pair..... 1.00
Extra Screw Plates Complete, per pair..... 1.00



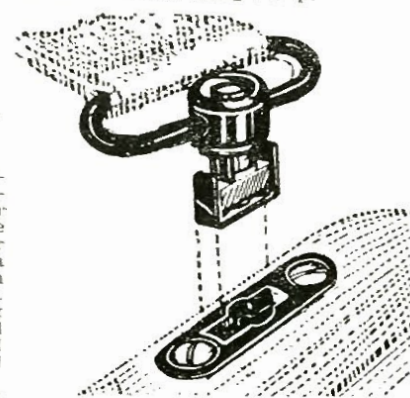
Press Button Quick Detachable Sling Swivel

By pressing a tiny button and giving a slight turn, the new detachable sling swivel may be attached or detached from stock quickly. One sling may be used on any number of rifles if equipped with extra plates. It doesn't mar lines of gun and positively does not come loose. Rotary motion allows use of sling in any position. Experts have tested and approved this device for all uses. Swivel is made with 1-inch and 1 1/4-inch loops.
Price, per pair \$2.00
Extra plates, per pair75

Made in Two Sizes

"Bushings and Plates Interchangeable"

The bushing is fastened flush in the gun stock with a screw. The swivel is made in two moveable parts, so that the base can be screwed tight in the bushing and the swivel can still revolve. This permits the swivel to automatically adjust itself to all positions of the sling strap.



SLING STRAPS



Made of especially selected high grade leather. These straps are available in three types, Whelen—Military—Carrying Strap. Some people like a strap more pliable than natural leather so the straps can be supplied either in a Russet finish or especially oil treated. This oil treating prevents the strap from drying out and cracking, especially when it is stored away.

7/8" Oil Tan Whelan.....	\$1.90	7/8" Russet Whelan.....	\$1.90
1" Oil Tan Whelan.....	\$2.10	1" Russet Whelan.....	\$2.10
1 1/4" Oil Tan Whelan.....	\$2.40	1 1/4" Russet Whelan.....	\$2.40
7/8" Oil Tan Military.....	\$1.80	7/8" Russet Military.....	\$1.65
1" Oil Tan Military.....	\$1.90	1" Russet Military.....	\$1.85
1 1/4" Oil Tan Military.....	\$2.30	1 1/4" Russet Military.....	\$1.95
7/8" Oiled Carrying Strap.....	\$1.30		
1" Russet Carrying Strap.....	\$.70		
7/8" Russet Carrying Strap.....	\$.75		
1" Russet Carrying Strap.....	\$.85		
1 1/4" Russet Carrying Strap.....	\$1.00		

No-Slip Butt Plate

Designed for Target or Sporting Rifle Shooters. Made of First Grade Rubber (semi-hard). Absolutely will not slip on the shoulder. Will not chip, crack or break. Improves the appearance. Furnished in red, brown and black. Will not show any change in point of impact.

Has No Recoil Action

Made in three sizes:

No. 3—Large size may be installed on all other guns **Price \$1.75**

No. 2—To fit the Springfield Sporter 30-06, 22, and Winchester Model 54.

No. 4—To fit new model 52 and extra large stocks.



"White Line" Recoil Absorber

White Line

Blue Line



Large
5 1/2" x 2"

Small
5" x 1 3/4"

White Line,
Speed Style
\$3.00

White Line,
extra thick
\$3.00



Blue Line,
medium thick
\$2.00



"Noshoc" Recoil Cushion



for rifle or shotgun.
Price \$1.75

Large — 5 3/8" x 1 3/4"
Small — 5" x 1 1/8"

Anti-Flinch Jostam Recoil Pads

Best grade of LIVE red rubber vulcanized on black hard rubber base plate. Ob-long holes through soft rubber, slanting at an angle of 45 degrees in line with stock, eliminates upward whip of muzzle and takes up the recoil. Maintains balance of gun for following shots. Leading trap, skeet and game shooters everywhere use them.

\$3.60

Our No. Size

		Lght.	Width	Thk.
No. 1	Rifle	4-1/2	x 1-9/16	x 1"
No. 2	Small	4-7/8	x 1-11/16	x 1"
No. 3	Medium	5-5/16	x 1-13/16	x 1"
No. 4	Large	5-9/16	x 2	x 1"

Each pad packed in a one ounce box with simple attaching instructions. 1/4" allowance for trimming.

HAWKINS RECOIL PADS



FOR SHOT GUNS

Price \$3.30

12 gauge size 5 1/2" long, 1 7/8" wide, 1 1/8" thick, will trim down to 4 3/4" long. 16 to 20 size is 5 1/8" long, 1 3/4" wide, 1 1/8" thick and will trim to 4 1/4" long.

FOR RIFLES

Price \$2.80

This pad is made in one size only. 1 7/8" wide, 5 1/8" long, 3/4" thick and will trim down to 4 1/4" long.

FOR SHOT GUNS

Price \$1.80

This pad comes in the same sizes as the \$3.25 pad. All Hawkins pads are made of the same high grade of red rubber.

Economy Butt Pad (Hard Rubber)

This pad is made especially for the remodeled job where a very good low-priced butt is wanted. Made of a rubber composition about the hardness of sole leather. Black color. It can be readily trimmed down to size with a sharp knife and sanded to a finish. Very heavy coarse-ribbed surface.

Price 70c

Economy Butt Pad (Soft Rubber)

The same pad as the above, only it is made of soft rubber. Red. Absolutely Non-Slip Surface. Size 5 1/2 x 2 inches. Thickness 3/8 inch. Both types same size.

Price 70c



Metal Butt Plates



Aluminum butt Plate takes a beautiful finish and gives the rifle an out-of-the-ordinary appearance.

Size 1 5/8 x 5 1/2

Price, including two nickel plated screws\$1.75



Steel Butt Plate, gun blue finish. Showing side view. Note curve and hook construction on top. 1/16 inch thick.

Size 1 5/8 x 5 1/2

Price, including 2 screws\$1.50

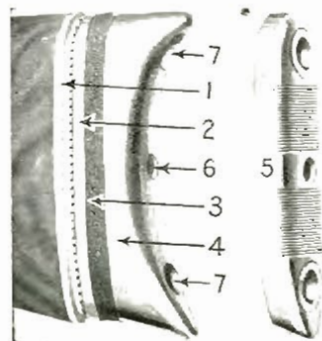
Black Rubber Pistol Grip Caps



Size 1 1/8 x 1 1/2
Price with screw, 50c
Size 1 5/8 x 2—Price 75c



No. 1
Size of No. 1 and No. 2—1 1/8 x 1 1/2
Price with screw, 75c
No. 1—Made of Aluminum.....50c

The Morgan Adjustable Recoil Pad
FOR SHOTGUNS AND RIFLES

A Scientific and Durable RECOIL PAD of simple construction, made of high grade aluminum and rubber, which combines lightness with strength and with ample recoil element to absorb the kick.

1. Butt Plate.
2. Intermediate Plate.
3. Recoil Rubber.
4. Curved Rubber Shoulder Plate.
5. Straight Rubber Shoulder Plate.
6. Center Bolt Adjusting Nut.
7. Insert Bolt Adjusting Nuts.

Price \$5.50

No. 5 Straight Shoulder Plate
\$1.50 Extra



Lace-on Recoil Pads

MOULDED SPONGE
RUBBER BASE
"LEADER"

Made of calfskin leather of extra fine quality, curved base of moulded sponge rubber cemented firmly to the leather. Finest leather recoil pad on the market.

"LEADER" All sizes \$2.20
No. 2. Sm. 4 7/8 x 1 3/4 x 1 1/2"
No. 3. Med. 5 1/4 x 1 3/4 x 1 1/2"
No. 4. Lge. 5 1/2 x 1 3/4 x 1 1/2"



MOOSE
Price \$1.35

Three sizes Sponge rubber recoil. Cowhide.



JOSTAM

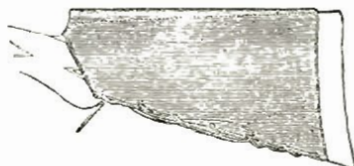
All Rubber SLIPON
Boot Recoil Pad
Price \$1.65

Size No. 2—Butt. 4 3/4 x 1 1/2"
Size No. 3—Butt. 5 x 1 3/4"
Size No. 4—Butt. 5 1/4 x 1 3/4"

MOOSE CHEEK PAD

Russet veal leather, chamois lined, padded and stitched top.

Price \$1.50

Wool-Lined
Gun Covers

Model 25—Wool Lined, Trimmed with Black Chase Leather. Black Cowhide Handle and Buckle Price.....List Price, Each \$4.25
Model 26—Note the Construction of this Cover: Heavy Brown Strap Leather Reinforcement Over Breech of Gun, together with Sole Leather Cup End which protects the muzzle of gun from scratches or nicks. Thick wool lining. Heavy strap leather sling and handle is regular equipment.....List Price, Each \$6.75

When Ordering Give Make of Gun, Model, Caliber and Length of Barrel



New Method Gun Bluing

Makes Old Guns Like New.

This Bluer is especially adapted for re-finishing guns. It arrests oxidation and withstands hard usage. It is ideal for re-bluing rusty, badly worn or disfigured firearms, for bluing nickel-plated revolvers or retouching worn spots or marks on shop worn and new guns.

The only tool necessary is a camel's hair brush. The most inexperienced layman secures perfect results.

No heating is necessary. Will not injure the finest steel. Price \$1.00



Getts - A - Blue

A Perfect Home Gun Bluer

Price, \$1.25

A complete rebluing kit, compounded especially for the gunsmith not having an elaborate bluing tank, or for the amateur at home. Simple—Fast—Durable—and equal to any FACTORY JOB. It can be used at home by any one, and a perfect BLUE BLACK finish obtained. Guaranteed by the manufacturer if simple directions given on each package are followed.

U. S. Barrel Blue

For the Expert Repairman and Gunsmith

A complete rebluing outfit for the man who is not satisfied with anything but a factory blue, both for looks and wear. Each package contains ample for about 5 rifle barrels. We absolutely guarantee this solution will do all we claim for it and that anyone can apply it. Recommended by the best known authorities on arms in America.

Price per package, \$2.00. Quart, \$5.00.

NIMROD GUN BLUE

NIMROD GUN BLUE

No heat or tank required. Finishes by chemical action alone. Not a paint nor a lacquer. Made especially for touching up mars, scratches, etc., and bluing small parts. May be used for refinishing inexpensive guns where no factory job is expected. Kit is complete with nothing else to buy. Contains plating powder, bluing chemical, oil wax, steel wool, emery cloth and cotton.

Price per package \$1.00



No. 246 hair bristle brush, any calibre	10c
No. 246B brass wire brush, any calibre	10c
No. 246C bronze wire brush, any calibre	15c



STEWART No. 80

Its New

A Little Goes a Long Way

Its Better

Sold with a money-back guarantee. Prevents Corrosion. A solvent that removes metal and primer fouling.

A protection against rust on all metal surfaces, this includes all sporting equipment, tools or anything made of steel or iron, that is subject to rust.

Price 35c

"Slick Bore" Gun Cleaning Patches



The material contained in these patches is the very highest grade Canton flannel. Correct in weight and texture. Perfectly shaped—correct size. No. 1—.22 caliber. No. 2—.22 to .270. No. 3—.270 to .35. No. 4—.35 to .45 and 410 to 20 gauge. No. 5—.16 to 12 gauge. No. 6—.20 to 28 gauge. No. 1. No. 2. No. 3—100 to a can. No. 4—75 to a can. No. 5 and No. 6—50 to a can, all cut round.

Price 25c



Used and recommended by largest metropolitan police departments whose guns must never fail. Eliminates all friction, creates hand-sanded smoothness that gives you that sweet trigger pull so necessary for accurate shooting. Prevents leading in bore.

Price 25c



No. 465—Rifle Cleaning Rod Price 10c
Coppered Steel Rod, one piece, 36" long, with Loop Handle. End slotted but tip not removable.



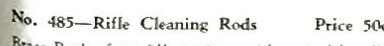
No. 470—Rifle Cleaning Rod Price 50c
Brass Rod, one piece, 40" long with swivel handle and removable tip.



No. 480—Rifle Cleaning Rod Price 25c
Brass Rod, one piece, 31" long with Safety Loop Handle. End slotted but tip not removable.



No. 485—Rifle Cleaning Rods Price 50c
Brass Rods, four 9" sections with swivel handle and removable tip. Packed in Khaki Cloth Bag.



Dupont Nylon bristle brushes.....10c

Super Nitro Powder Solvent



A modern solvent. Removes all metal and powder fouling and leading. Positively prevents electrolytic corrosion and pitting.

Prevents rust. Not made with acids. Will not injure finest steel. Maintains bores in original factory new condition, bright and true.

Full size 2 oz. bottle, 25c

Gunslick Gun Oil



This is a clear gun oil for firearms, manufactured by a special process that makes it practically immune to extremes in temperatures.

Lubricates perfectly in highest temperatures. Flows freely in cold weather.

Gunslick Clear Gun Oil is also a superior lubricant for all other types of fine mechanism.

Price 25c



No. 475—Shot Gun Cleaning Rods Price 50c

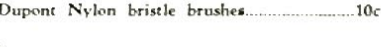
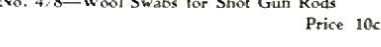
Rods are 3 jointed made of HARD MAPLE, oil finish, 36" long complete with Slotted Tip. Wire Scratch Brush and Swab. Each complete rod packed in Khaki Cloth Bag with tie string. Packed.



No. 476—Slotted Tips for Shot Gun Rods Price 10c

No. 477—Wire Scratch Brush for Shot Gun Rods Price 10c

No. 478—Wool Swabs for Shot Gun Rods Price 10c



Pacific Klean Kwick

For Accurate Shooting You Must Have a Clean Gun



Regular size 2 oz. bottle.....	.30
Large economy size, 3 oz. can.....	.40
Pint	2.00
Quart	3.75

When the day's shooting is over and you are all tired out, you do not feel like spending an hour cleaning your gun, just dip a scratch brush in the oil, run it through the bore, and you are all through for the day. No scrubbing of the bore required. Excessive rubbing and scouring wears out more barrels than does shooting. This cleaner creeps in between the fouling and steel and makes the removal of the residue with a patch surprisingly easy. Cleans and lubricates at the same time.



25c
1 lb. size
\$1.50



50c

NO UNPROTECTED BARREL IS SAFE AGAINST RUST REGARDLESS OF WHAT HAS BEEN SHOT IN IT. RIG PREVENTS CORROSION IN DIRTY BORES.

It is only necessary to spread a continuous coating of RIG through the fouled barrel to render it safe. This is best done with a few strokes of a loose ABSORBENT COTTON swab which cannot wear the bore.

It is not necessary to swab out the barrel of a low power or small bore weapon before shooting. RIG is so soft it will shoot out with no danger of excess pressure. High power rifles used where sighting shots are impossible should be wiped out to avoid an initial high shot.

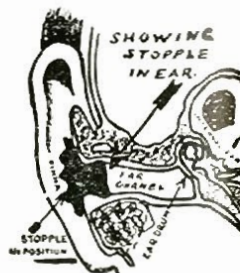
Guns which are never cleaned but are treated with RIG after shooting keep their gilt edge indefinitely.

During an ordinary shooting season our advice is—DON'T CLEAN—RIG.



"Ideal" Ear Stoppers

No shooter should be without a pair of these stoppers. Made of pure soft rubber, are invisible, sanitary and washable. Come in an air-tight, non-breakable container. Easy to carry in your shooting kit. Price, 25c.



FIENDOIL

FIENDOIL is a unique oil for gun cleaning, depending upon the action of an inhibitor that preserves firearms under severest conditions. FIENDOIL effectively removes lead and metal fouling by attacking it where it joins the steel.

In the New 25c Tube

You get the same fine-quality FIENDOIL for years sold in the popular 40c can. A few drops of FIENDOIL do more than gallons of soap and water.

Although primarily made for cleaning Guns and Fishing Tackle, Fiendoil is effective on door hinges, frozen bolts, fine tools, and hardware and metal in contact with salt air.

To Apply Fiendoil

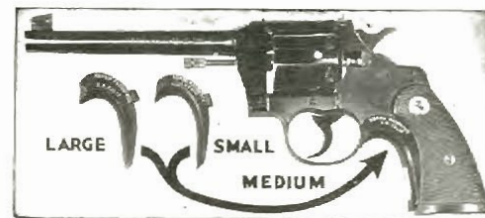
Saturate a bristle brush of proper calibre and thoroughly coat entire rifle bore. Next day wipe clean; re-apply a protecting coat. Shotguns, use swab.



Tube 25c



"Sure Grip" Adapter



One of the most popular and extremely necessary accessories for revolver shooters ever developed. "Sure Grip" Adapters have been worked out scientifically so that they render the utmost benefit in adapting the size and shape of a revolver grip to the user's hand. This device has found great favor with target shooters and expert shots throughout the country who now almost universally use them. Quickly installed and removed but when installed a permanent part of the gun.

Price \$1.75

Passco Custom Style "10 Point"

COLT AND S. & W. PISTOL AND REVOLVER GRIPS

(None for S. & W. Straightline or any automatic)

PASSCO 10 Point Grips give your Colt or S. & W. pistol or revolver a large gripping surface for ALL fingers so shaped that your hand does not change its position on gun after recoil or while cocking during time or rapid fire. Your gun can be held lightly which eliminates the usual tenseness of hand, wrist and arm muscles that causes them to tire quickly with ordinary gun grips.

Note even finger pressure and freedom from strain; also increased gripping surface for all fingers and constant hold which prevents differences in point of impact. Notice how quickly your gun "lines up" for your next shot and that your grip is unaffected by recoil. Also observe that your trigger finger stays in perfect uniform alignment during slow, time or rapid fire.



Showing
Inside View
of
PASSCO
10 Point
Grips

Colt O. M.
equipped
with
10 Point
Grips

Price \$4.25

Rifle and Revolver Cleaning Rods

JOINTED DURALUMIN, STEEL OR BRASS RIFLE ROD

Made of duralumin for strength with lightness; are as soft as brass and will not mar or scratch the finest barrel. Equipped with special palm fitting bakelite handles with duralumin finger guards.



Jointed Rifle Rod 36 in.
No. 101—.22 to .27 Cal.\$1.25 No. 102—.30 Cal. and up\$1.25
Tri-Pak Duralumin\$1.25 Gunslick Aluminum Alloy.....75c
Average weight, per dozen, 4 lbs.

ONE-PIECE RIFLE RODS



These rods are the same as the jointed rods only they are made in one solid piece. Made for all calibers and are 36 inches long.

Steel, brass or duralumin rod.....\$1.00
Tri-Pak Duralumin 1.00 Gunslick Aluminum Alloy.....75c

ONE-PIECE REVOLVER RODS



Made of brass or duralumin. Large swivel handle with steel ball bearings.

Brass rod for any one caliber.....\$0.50 Aluminum Alloy65c
Duralumin combination rod—takes all calibers from .22 to .45 caliber.
\$1.00

WOODEN REVOLVER RODS



Made of strong straight grain wood in two calibers, .22 and .28. A wooden rod will never damage a barrel. Put an extra one in your kit for an emergency. Price, 15c each.

DURALUMIN SHOTGUN RODS



This one rod fits and services 20, 16, 12 and 10 gauges.

No. 106—30 inch\$1.25
No. 107—32 inch 1.25
No. 108—30 inch, 410 only..... 1.25

Gunslick Aluminum Alloy 24"—10 to 16 ga.—20 to 28 ga.—410 ga. 75c

Lawrence HOLSTERS

When ordering holsters give make and model and barrel length



No. 14 — Made of solid full grain leather. Plain, no stamp. Blocked over forms and oiled. Tan leather only. Stout snap button. Wide loop sewed on back for belt.

No. 14—\$3.19



No. 25—A semi-Mexican style with loop for belt. Favorite style for pocket. Open top with stout safety strap and snap button to hold gun in place. Plain, no stamping. Blocked over forms and oiled. Tan leather only.

No. 25—\$2.45



No. 211 — Hand flower stamped on solid full grain leather. Tan color. The edge is skillfully laced with white lace leather. The color contrast is striking. Blocked out over form to insure proper shape and oiled.

\$7.45



No. 25L—Same construction as No. 25, with leather laced edges.

No. 25—\$3.75



WOOL LINED HOLSTERS

"Give Real Protection"

Price—\$1.50



Heiser Loop Style Belt Holster for Revolvers

Made of the finest heavy Oak Tanned California skirting leather in our original loop style of construction. snap button safety strap to keep gun from falling out. best finish, not lined.

Large—\$2.25
Medium—\$2.00
Small—\$1.75



Large—\$3.25
Medium—\$3.00
Small—\$2.75

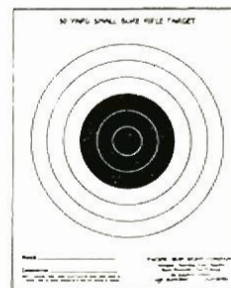
OFFICIAL N.R.A. TARGETS



50 yard Small Bore Rifle Target (single bull)



75 foot Gallery Rifle Target (six bull)



20 yard Pistol Target

Official Small Bore Rifle Targets

Form No.	Distance	ALL PRICES NET—RETAIL	Per 100
A-1	50 ft. Junior Rifle, Single Bull, Target Paper		\$.50
A-2	50 ft. Junior Rifle, Five Bull, Heavy Target Manila		.55
A-4	50 ft. Gallery Practice, Single Bull, Heavy Target Manila		.45
A-5	50 ft. Gallery Rifle, Five Bull, Target Manila		.90
A-6	75 ft. Gallery Practice, Single Bull, Target Manila		.45
A-7	75 ft. Gallery Rifle, Five Bull, Target Manila		1.20
A-9	50 yd. Small Bore Rifle Target, 2.89" Bull's Eye, Target Paper		.84
A-10	50 yd. Small Bore Rifle Target, Two Bull's Eyes, Target Paper		1.20
A-11	50 yd. Small Bore TOURNAMENT Target, 2 Bull, Hvy. Target Manila		1.45
A-12	50 yd. Small Bore Rifle Target, Five Bull, Target Paper		1.80
A-13	50 ft. 10 Bull Gallery Official		1.20
A-14	100 yd. Small Bore Rifle, 6-inch Bull for Metallic Sights		1.80
A-19	50 Meter International Single Bull, Heavy Target Manila		1.50
A-21	200 yd. Decimal, Target Paper, 12" Bull's Eye, 8, 9 and 10 Rings Black, 50c for 10 Targets		4.20

A-22	200 Decimal Centers only, 8, 9 and 10 Rings Black.....	1.80
A-23	50 yd. Small Bore TOURNAMENT Target, Five Bull's Eyes, Heavy Target Manila.....	5.00
A-24	50 Meter Tournament Target, Five Bull, Heavy Target Manila.....	6.30
A-25	100 yd. TOURNAMENT Target, 3 Bull, Heavy Target Manila.....	6.30

Official Pistol Targets

(STANDARD AMERICAN)

Form No.	Distance	Per 100
B-1	25 ft. Slow Fire, Target Manila.....	\$.55
B-2	50 ft. Slow Fire, Target Manila.....	1.20
B-3	50 ft. Rapid Fire, Target Manila.....	1.20
B-4	20 yd. Slow Fire, Target Manila.....	1.20
B-5	20 yd. Rapid Fire, 8, 9 and 10 Rings Black.....	
B-6	50 yd. Slow Fire, 8, 9 and 10 Rings Black, Heavy Target Paper, 50c for 10.....	4.00
B-7	50 yd. Slow Fire CENTERS, 8, 9 and 10 Rings Black, Target Paper.....	1.20
B-8	25 yd. Timed and Rapid Fire, 9 and 10 Rings Black, Heavy Target Paper, 50c for 10.....	4.00
B-9	25 yd. CENTERS, 9 and 10 Rings Black, Target Paper.....	1.20
B-12	25 yd. Official Slow Fire Pistol.....	1.20

Reduced Military Targets—Luck Targets

A-50	50 ft. Gallery "A" Target. A reduction of the military A target for 50 feet indoors.....	\$.50
A-75	75 ft. Gallery "A" Target. A reduction of the military A target for 75 feet indoors.....	.70
LU	Fitz Luck Targets for Both Rifle and Pistol Shoots Indoors.....	.70

TARGET PLASTERS 20c per roll.

Prices on backing targets for tournament furnished on request.
All prices F.O.B. San Francisco, California. Subject to change without notice.

10-X Rifle Shooting Glove

The finest shooting glove ever offered to riflemen. Designed to distribute weight of rifle, padded amply and smoothly throughout. Double leather with felt quilted between to prevent wadding. Soft and pliable, will not shrink or stiffen on getting wet.

Four finger model as shown \$2.50
Index finger only separated from others..... \$2.00

WOOL LINED SHOOTERS GLOVE

Can be used on either hand. Reinforced Gun Rest. Very popular with target shooters. Protects hand from hot barrels.



Price \$1.00



Pacific Gummed Target Pastes

In a new handy container.

No more loose, lost or soiled pasters. The handy container is easy to use and helps you to paste up your targets quickly and economically.

500 Pastes in handy container 20c

Black or White

10-X Shooting Coat

Designed by Riflemen for Riflemen



F. C. Ness says, "I consider the 10-X the best rifle coat and one of the best values that has ever come to my notice."

10-X Shooting Coats have been approved by experts throughout the country. And, no wonder! They are truly tailored coats. Pads are in the correct position for most comfort and protection. Pads are first grade selected horse hide leather, felt lined, of ample thickness, yet not too bulky. 10-X coats are made in two models for riflemen.

The Aristocrat

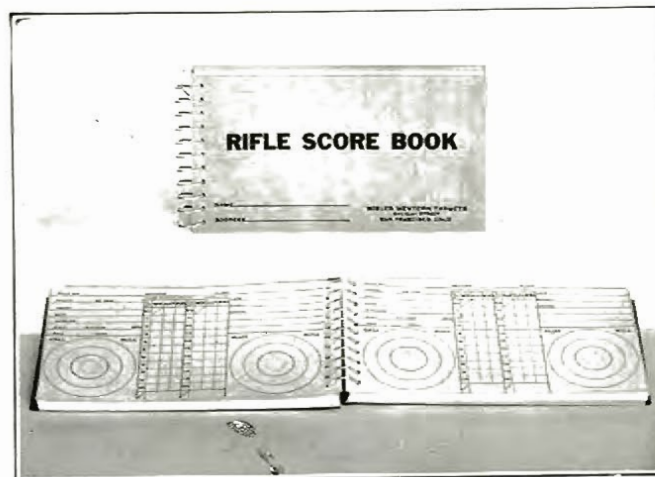
Durable, sanforized, caribou shade khaki. Set-in pockets, reinforced corners. Individual gussets for each sleeve assuring free movement. Fitted, belted back. \$8.00

The Imperial

The 10-X Imperial Model Rifle Shooting Coat is truly the king of all rifle shooting coats—made of light weight, cool, durable, Sanforized, vat dyed, fast color government cloth, caribou shade. \$10.00

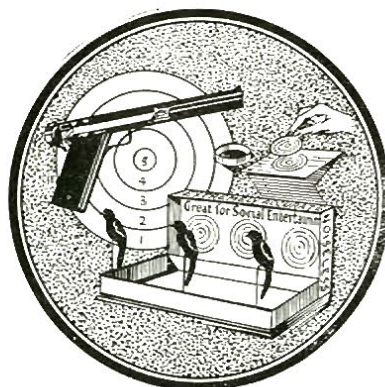
Soft Chrome Tanned Horsehide Leather Gun Case. Talon fastener three-quarter length of case, no metal can touch gun, complete for any gun..... \$6.50
Made for rifle with scope attached..... \$7.00

RIFLE and PISTOL SCORE BOOKS



RIFLE SCORE BOOK has 100 pages. This book has an extra heavy cover so it will lay absolutely flat when being used on the range. Experts call it the most practical book on the market today. Price \$1.00.

PISTOL SCORE BOOK has 50 pages. Each page is a complete record of the day's shoot, date, range, time, wind, and light, and can be used on the Police or National Match course. Keep a record of all your shooting to refer to. Price, 50c.



Bullseye Pistol

Surprisingly accurate — smokeless — noiseless — harmless. If you are a beginner or an expert, this pistol will improve your score, by shooting a couple of strings a day. It beats dry practice. Make a range from 8 to 15 feet in your office, your home, or any convenient place indoors. This is not idle talk, but has been proven by thousands of shooters throughout the country.

A complete outfit consisting of 1 pistol, three full shaped balancing bird targets, tube of about 600 shot, rubber bands for several hundred rounds, and rubber stamp and ink pad for printing small targets suitable for short ranges.

Here is a beauty you will have to see to appreciate. Made of brilliant Nickel Steel with handles of Catalin — a beautiful pearl-like resin. Sights black. Operation same as Bulls Eye but built heavier and more durable. 7½" barrel, magazine holds 48 shot.

Price with complete outfit, birds, shot, etc. \$2.75



Sharpshooter—Nickel DeLuxe

The Shooters' Favorite. Made of strong cold rolled blued steel with Catalin handles. Otherwise same as Nickel DeLuxe.

Price with complete outfit \$2.50



Sharpshooter—Black DeLuxe

STEDIMOR BALANCER

Steadies Your Hand—Reduces Strain In Aiming



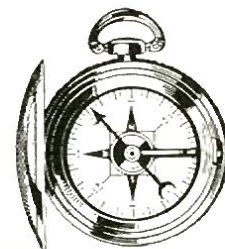
if straight ½ in. or tapered barrel.

Greater accuracy from improved balance by a 3½ oz. weight (approx.) Steel, accurately machined, blued. No machine work to attach, just tighten screws. Will fit Colt .22 Automatic Pistol 6½ in. barrel. State Price \$2.20



No. 2920 Price \$1.00

Taylor Jeweled Compasses



No. 2930 Price \$4.00

Most of us take pride in modern civilization—and take to the woods at the first chance that presents itself. Camping, hiking, hunting, fishing, a compass increases the enjoyment of outdoor life, and is sometimes vitally useful. These Taylor compasses have jeweled needles and have stops to hold the needles securely when not in use. They are sturdy and thoroughly reliable.

STOP WATCH



Whenever you need a stop watch, you want one that you can absolutely depend on. The Harman stop watch is used by range officers throughout the country.

Specifications: 1/5 second, 30 minute register with side slide for time out purposes, chromium, jewelled movement, universal type stop watch.

Price \$7.50

Carbide Lamp



Metal match box 15c



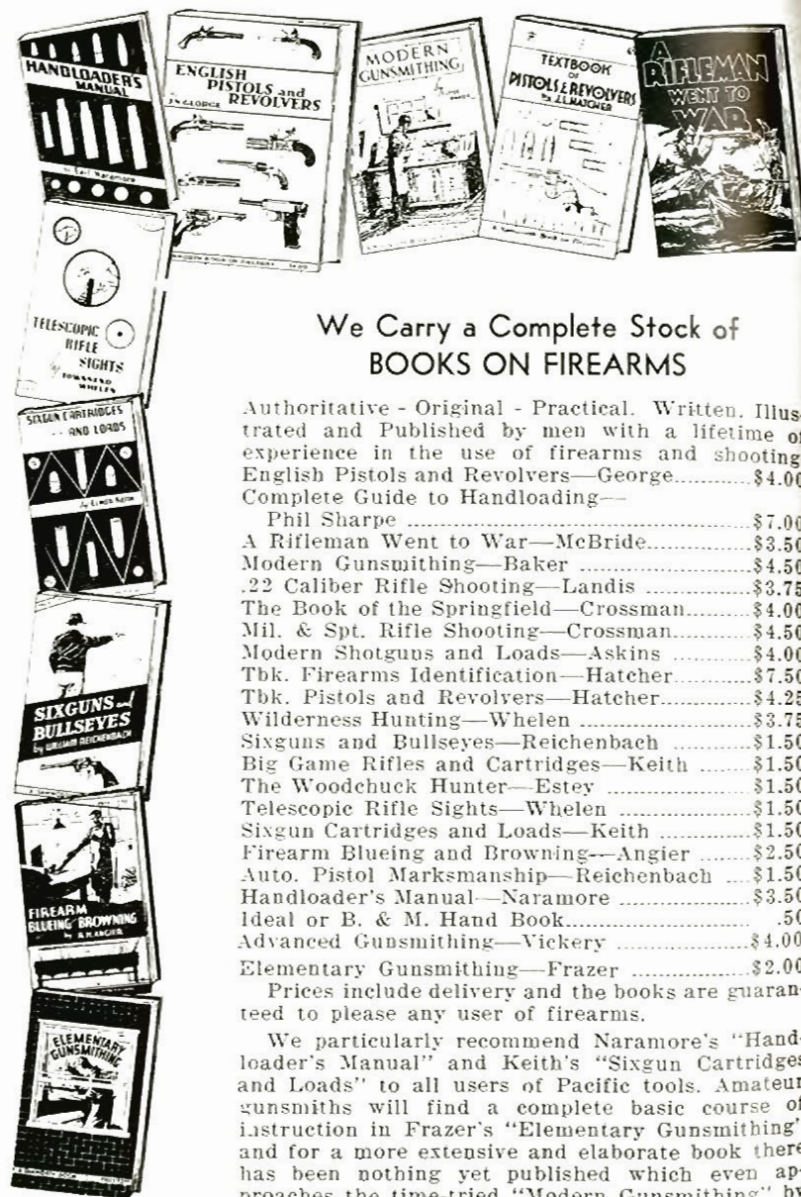
No. 661 \$1.20

Using a carbide flame for blackening the sights has never been improved on for target work. It gives a dead black that the sun has absolutely no effect on.

Lamp No. 661, price \$1.20.

Parts:

Gaskets	\$.05
Felts .....	.05
Felt Holders .....	.05
Lighters .....	.10
Flints .....	.05
Burner Tips .....	.05



We Carry a Complete Stock of BOOKS ON FIREARMS

Authoritative - Original - Practical. Written, Illustrated and Published by men with a lifetime of experience in the use of firearms and shooting. English Pistols and Revolvers—George.....\$4.00 Complete Guide to Handloading—

Phil Sharpe	\$7.00
A Rifleman Went to War—McBride.....	\$3.50
Modern Gunsmithing—Baker	\$4.50
.22 Caliber Rifle Shooting—Landis	\$3.75
The Book of the Springfield—Crossman.....	\$4.00
Mil. & Spt. Rifle Shooting—Crossman.....	\$4.50
Modern Shotguns and Loads—Askins	\$4.00
Tbk. Firearms Identification—Hatcher.....	\$7.50
Tbk. Pistols and Revolvers—Hatcher.....	\$4.25
Wilderness Hunting—Whelen	\$3.75
Sixguns and Bullseyes—Reichenbach	\$1.50
Big Game Rifles and Cartridges—Keith	\$1.50
The Woodchuck Hunter—Estey	\$1.50
Telescopic Rifle Sights—Whelen	\$1.50
Sixgun Cartridges and Loads—Keith	\$1.50
Firearm Blueing and Browning—Angier	\$2.50
Auto. Pistol Marksmanship—Reichenbach	\$1.50
Handloader's Manual—Naramore	\$3.50
Ideal or B. & M. Hand Book.....	.50
Advanced Gunsmithing—Vickery	\$4.00
Elementary Gunsmithing—Frazer	\$2.00

Prices include delivery and the books are guaranteed to please any user of firearms.

We particularly recommend Naramore's "Handloader's Manual" and Keith's "Sixgun Cartridges and Loads" to all users of Pacific tools. Amateur gunsmiths will find a complete basic course of instruction in Frazer's "Elementary Gunsmithing" and for a more extensive and elaborate book there has been nothing yet published which even approaches the time-tried "Modern Gunsmithing" by Clyde Baker.

THE BANTAM!

The Bantam is a true modern streamlined pistol kit. Built to the lightest possible weight of 7 pounds—yet of more than ample strength and capacity. Carries three guns, telescope attached to lid for spotting from bench. All necessary ammunition can be carried underneath removable tray and is easily accessible. Piano hinge full length of cover. Carrying handle set in top. Strong nickel hardware and fine lock. Beautifully finished in fabricoid, tan Spanish leather.

The Bantam Streamlined Kit.....\$14.95
(Our most popular model)



"KIT 38"

THE STREAMLINED PISTOL KIT

New convenient streamlined pistol boxes. Built first, for maximum strength with minimum weight and full accessibility of the guns and ammunition and other equipment while in use on the shooting bench. Designed to be used as a scope stand. Scope closes into compartment without dismounting. Furnished with the new O'Dell friction elevating scope mount. Gun block is fully lined with velvet to protect finish of guns; properly made to hold guns snugly in block. A feature of this case is the removable block. The shooter may find that he wants another combination than the standard and can purchase same separately. Tray is completely removable from case. A back compartment is accessible from latch releasing inside of kit. Permits carrying ammunition, cleaning rods, etc. Washable inside and out. Outside finish long wearing Fabricoid of same weight as used in upholstering automobiles where strength and beauty are paramount. Strong locks, lids and back drop piano hinged. Colors, Light tan, green, mahogany.

"KIT 38" Complete with Scope Mount, 4 gun model.....	\$22.00
"KIT 38" Complete with Scope Mount, 5 gun model.....	24.00
"KIT 38" without Scope Mount, 4 gun model.....	20.00
"KIT 38" without Scope Mount, 5 gun model.....	22.00

THE ALLSPORTS!

Many shooters who fire pistol, smallbore and .30 caliber have asked us to make a kit useful in all three of the shooting sports. The Allsport model is our answer, built as light as possible, compatible with full strength. Substitution of trays in bottom compartment makes this kit useful for three types of shooting. Fixed top compartment will hold all necessary ammunition, etc. Velvet lined compartment holds scope. Side door drops flat allowing easy withdrawal of trays. Pistol tray holds 4 guns. Kit is not designed for bench scope use, but can be used as such. Strong nickel hardware and hinges. Finished in fabricoid, tan Spanish leather. This is a real kit buy for any shooter. Order one today.

Allsport, 4 Gun Pistol Kit.....\$9.95

Complete for:

.30 Caliber	\$10.95
Smallbore	9.95
Pistol Tray only, 4 Guns	2.00
Smallbore Drawer	1.75
.30 Caliber Tray, complete with 50 hole block, and 6 clip slots.....	2.75
Net Weight 7¼ Lbs.	



SHOOTING GLASSES

All glasses might look alike but there is a vast difference in the lense. The value of your glasses depends on the quality of the lense.

The lenses supplied in these shooting goggles are made from glass known as Noviol. This glass does not transmit ultra-violet, violet or blue rays, and has a very short cut off at the end of the yellow nearest the blue.

It is used in order to remove the annoying scattered light present under hazy shooting conditions. This scattered light is at the blue and violet end of the spectrum, and as the lense absorbs light of this spectro nature, it does not pass through the lense, and consequently does not interfere with the vision.

This lense is without a doubt the most practical lense known to science for the purpose of shooting. It removes all the haze and promotes higher visibility.



Shooting Goggles with
Noviol Lenses\$10.00

Calobar Safety
Lenses\$6.75

Bausch & Lomb
Raybau Lenses.....\$7.75



Regular Shell Rim Shoot-
ing Glasses — Noviol
Lenses\$6.50

Slip-On with Noviol
Lenses—Price\$5.50



For the man who already wears glasses with a correction—just clip over your regular glasses. On all glasses a 10 day trial. If you are not satisfied in 10 days, return for credit or refund.

COLT REVOLVERS AND AUTOMATIC PISTOLS

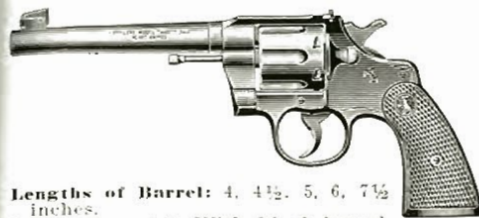
A special circular on Colt Revolvers and Pistols, giving complete and detailed descriptions and illustrations, will be sent on request. Prices on request.

Officers' Model Target Revolver

SPECIFICATIONS

.38 Special Model

Ammunition: .38 Short Colt; .38 Long Colt; .38 Colt Special; .38 S. & W. Special (full and mid-range loads); .38 Colt Special High Speed; .38 S. & W. Special High Speed and .38-44 S. & W. Special cartridges.



Lengths of Barrel: 4, 4½, 5, 6, 7½ inches.

Length Over All: With 6-inch barrel, 11½ inches.

Weight: With 6-inch barrel, 34 ounces.

Sights: Adjustable. Bead or Patridge. Sand Blasted.

Back Strap: Checked.

Trigger and Hammer Spur: Checked. Stocks: Checked Walnut.

Finish: Blued. Top of frame stippled to prevent light reflection.

Colt Detective Special Revolver

SPECIFICATIONS

Ammunition: .38 Short Colt; .38 Long Colt; .38 Colt Special; .38 S. & W. Special (full and mid-range loads); .38 Colt Special High Speed; .38 S. & W. Special High Speed and .38-44 S. & W. Special cartridges.

Length of Barrel: 2 inches.

Length Over All: 6¾ inches.

Weight: 21 ounces.

Sights: Fixed type, sand blasted.

Trigger and Hammer Spur: Checked.

Stocks: Checked Walnut.

Finish: Blued or Nickel. Top of frame matted to prevent light reflection.



Single Action Army Revolver

Sights: Fixed type.

Hammer Spur: Checked

Stocks: Checked black rubber.

Finish: Blued, with case hardened frame, or Nickel.

Ammunition: .32-20 (.32 Winchester).

.38 Short Colt; .38 Long Colt; .38

Colt Special; .38 S. & W. Special

(full and mid-range loads); .38

Colt Special High Speed; .38 S. &

W. Special High Speed and .38-44

S. & W. Special cartridges in .38

caliber model.

.38-40 (.38 Winchester).

.44 Special .44-40 (.44 Winchester).

.45 Colt.



SPECIFICATIONS

Lengths of Barrel: 4¼, 5½, 7½ inches.

Length Over All: With 4¼-inch barrel, 10¼ inches.

Weight: .45 Caliber, with 4¼-inch barrel, 36 ounces.

Woodsman Automatic Pistol



SPECIFICATIONS

Ammunition: .22 Long Rifle Greased cartridges.
Magazine Capacity: 10 cartridges.
Length of Barrel: 6½ inches.
Length Over All: 10½ inches.
Distance Between Sights: 9 inches.
Weight: 29 ounces.
Sights: Adjustable, Bead or Patridge.
Trigger: Grooved, set-back type.
Stocks: Checked Walnut.
Finish: Blued.

Woodsman Sport Model



SPECIFICATIONS

Ammunition: .22 Long Rifle Greased cartridges.
Magazine Capacity: 10 cartridges.
Length of Barrel: 4½ inches.
Length Over All: 8½ inches.
Distance Between Sights: 7½ inches.
Weight: 27 ounces.
Stocks: Checked walnut.
Sights: Front sight fixed, ramp type with serrated face. Rear sight adjustable for windage. Both sand blasted. Trigger: Grooved, set-back type.
Finish: Blued.

H & R REVOLVERS

SPECIFICATIONS
New Round Barrel

Length 6 inch
Weight 21¼ ounces
Finish Blue
Number of Shots 9
Ammunition22 Short, Long and Long Rifle
Stock New, one piece
Gold front sight.

No. 922



SPORTSMAN SINGLE ACTION



No. 199

SPECIFICATIONS

Barrel, length 3 or 6 inch
Weight 29 ounces
Finish Blue
dead black top rib and sights

Number of Shots 9
Ammunition22 Short, Long and Long Rifle
either regular or high speed with lubricated bullets
Action Single
hand stoned and composed of hardened tool steel parts
Trigger Pull 2¼-3 lbs.
exceptionally clean and sharp
Sights 1/10 inch Patridge
front sight adjustable for elevation, rear sight adjustable for windage

NEW DEFENDER

No. 299

SPECIFICATIONS

Barrel, length 2 or 3 inch
Weight, 2 inch barrel 23 oz.
Finish Blue
Number of Shots 9
Ammunition22 Short, Long and Long Rifle
Action Double
hand stoned and composed of hardened tool steel parts
Stock Special
rounded, checked walnut
Sights Adjustable



"SINGLE SHOT" PISTOL—U. S. R. A. MODEL

SPECIFICATIONS

Barrel, length 7, 8 or 10 inch
Finish Blue
dead black top rib and sights



Ammunition22 Short, Long and Long Rifle
either regular or high speed with lubricated bullets
Action Single
hand stoned and composed of hardened tool steel parts
Trigger Pull 2¼-3 lbs.
exceptionally clean and sharp
Sights 1/10 inch Patridge
front sight adjustable for elevation, rear sight adjustable for windage

No. 195

SPORTSMAN DOUBLE ACTION



No. 999

SPECIFICATIONS

Barrel, length 3 or 6 inch
Weight 29 ounces
Finish Blue
dead black top rib and sights
.22 Short, Long and Long Rifle
9 shots, either regular or high speed with lubricated bullets
.22 W. R. F. 7 Shot
Action Double
hand stoned and composed of hardened tool steel parts
Trigger Pull 3-4 lbs.
exceptionally clean and sharp
Sights 1/10 inch Patridge
front sight adjustable for elevation, rear sight adjustable for windage

No. 944

SPECIFICATIONS

Barrel length—
Special 6 inch
Expert 10 inch
Weight—
Special 23 oz.
Expert 29 oz.
Finish Blue
Number of Shots 9
W. R. F. Model 7 shots
Ammunition No. 944-945
.22 Short, Long and Long Rifle
No. 945-95622 W.R.F. Cartridge

CARTRIDGE BOX

.22 cal. For the target shooter. This is the best way to protect your ammunition on the range.

Price 60c



Hi-Standard Automatic Pistols

The New Hi-Standard automatics offer the handgun shooter something really new in factory pistols. Featuring new grips of ample proportions for the average shooter's hand. Giving a choice of three gun weights, from light to extra-heavy barrels. No projections at bottom of magazine to interfere with grip. Finely checkered walnut stocks. New models have automatic slide lock. Slide locks in open position when pistol is used as a single shot, also when last cartridge has been fired from magazine. Guns have adjustable rear sights.

PRICES ON REQUEST

MODEL E

Weight 42 ounces .22 Long Rifle. Grip a little fuller than others with thumb rest. 6¾ or 4½" Barrel



MODEL D

Weight 40 ounces .22 Long Rifle. Long full grip of ample length and thickness. 6¾ or 4½" barrel.



MODEL A

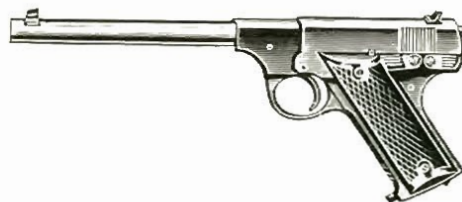
Weight 36 ounces .22 Long Rifle. Appearance same as D model shown above. 6¾ or 4½" barrel.

Model A..... Price \$25.65



MODEL B

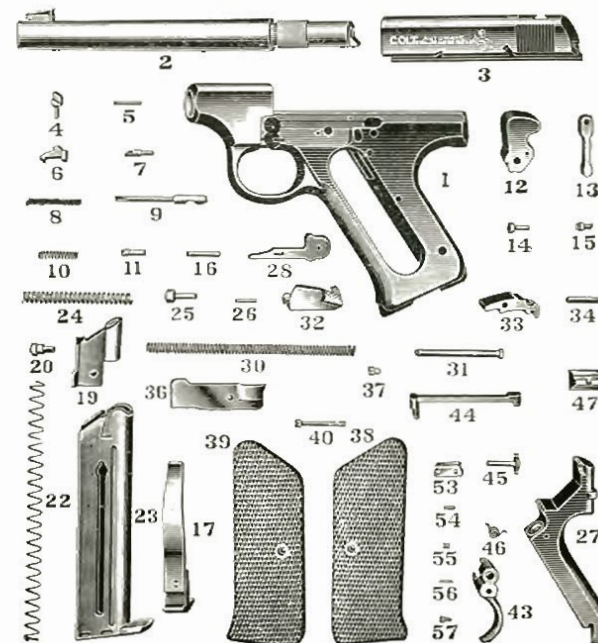
Weight 33 ounces .22 Long Rifle. 6¾ inch barrel. Also made for .22 made for .22 shorts only, Model C.



MODEL B

Weight 30 ounces. 4½ inch barrel—Sport model. Also made for .22 shorts only.

Component Parts of Colt "Woodsmen" Automatic Pistol,



In ordering parts, please be sure to give number of Pistol.

1 Receiver, . . . \$15.00	16 Housing Locking Pin \$.10	33 Sear, \$0.75
2 Barrel, (6½-in. length) with sight 5.75	17 Magazine Catch and Sear Spring, complete,60	34 Sear Pin,10
Without sight 4.25	19 Magazine Follower,25	36 Side Plate,40
Barrel, (4½-in. length) with fixed sight 4.25	20 Magazine Follower Pin,15	37 Side Plate Screw,10
3 Slide, 5.00	22 Magazine Spring,20	38 Stock — right, 1.25
4 Ejector,35	23 Magazine, complete, 2.00	39 Stock — left, 1.25
5 Ejector Pin,10	24 Main Spring,15	40 Stock Screw,10
6 Extractor,50	25 Main Spring Cap,10	*41 Escutcheons, per set,10
7 Extractor Plunger,15	26 Main Spring Cap Pin,10	43 Trigger, grooved, 1.25
8 Extractor Spring,10	27 Main Spring Housing (New Type) 2.00	44 Trigger Bar,60
9 Firing Pin,40	28 Assembly Lock,10	45 Trigger Pivot,15
10 Firing Pin Spring,10	30 Recoil Spring,15	46 Trigger Spring,10
11 Firing Pin Stop Screw,10	31 Recoil Spring Guide,20	47 Rear Sight complete, 1.50
12 Hammer,75	32 Safety Lock, 1.00	53 (Front Sight Blade,10
13 Hammer Strut,15		54 (Front Sight Pin,10
14 Hammer Strut Pin,10		55 (Front Sight Adjusting Screw, 1.50
15 Assembly Lock Plunger,15		56 (Front Sight Adjusting Spring,10
		57 (Front Sight Locking Screw,10

* These parts shown inserted in stocks.

The above illustration is a page from the parts catalogue.

Complete Colt Parts Catalog sent on request

L. C. SMITH — FULTON AND HUNTER SPECIAL GUNS
PRICES ON REQUEST



L. C. Smith—SPECIALTY



L. C. Smith—FIELD



L. C. Smith—IDEAL



Hunter SPECIAL



The FULTON Gun

Send for special booklet on these guns. Complete descriptions, fully illustrated and with all specifications.

ARM CUFF with
Quick Detachable Clasp



De Lux Model\$2.50
 Standard Model 2.25
 Something for the small bore shooter. This arm cuff is a boon to the novice as well as the expert.

CONSTRUCTION

The Arm Cuff is made of heavy tanned leather, 3 inches wide, rugged with two large buckle straps, with ample number of holes for adjustment to any required arm diameter—provided with a ring to receive the detachable clasp.

Price 85c



WILDER RIFLE SLING PAD
SPONGE RUBBER CUSHION
WITH LEATHER BACK

THE NEW COMBINATION SLING AND EQUALIZER

The Combination Sling and Equalizer has the advantage over the Equalizer only in that the stiffness caused that part of the Sling coming in contact with the wrist is removed to a position where it does not touch either the wrist or arm, and the equalizing or spring unit can readily be removed in case a heavier or lighter tension is required.

It is made of the best leather obtainable, consisting of two loops connected by the same spring unit as used in the Equalizer. One loop provided with a doubleclaw hook, is inserted in fore-end swivel, and is adjustable for length, while the other is the arm loop, and when in position, absolutely "Stays Put" without the use of keepers or any other GADGETS, and is instantly detachable.

Price \$2.50

Equalizer only—Price \$1.00

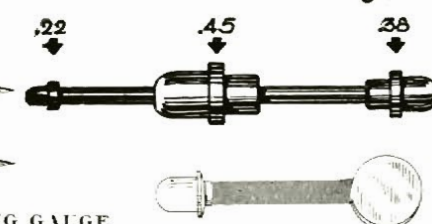


Aluminum
Field Rifle Stand
For Target Shooters



35c

Three-in-One Score Plug 75c



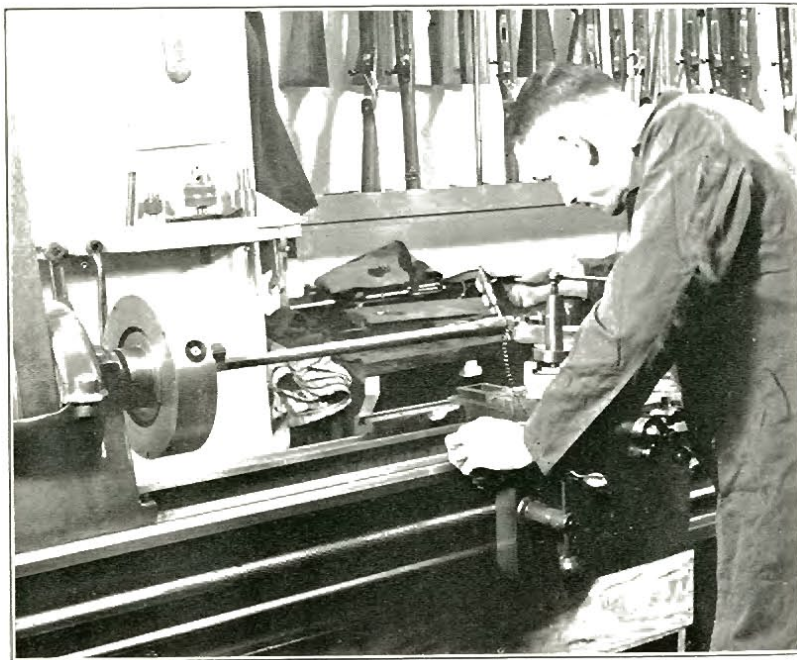
THE BELL .22 CALIBER SCORING GAUGE

The Bell Scoring Gauge is designed with sloping top side rim and thin edge making it so much easier to see or "read" than the conventional type with the thick square shoulder, that the magnifying glass is not necessary.
 Price—.22 caliber.....\$.25 Price—.38 and .45 caliber.....\$.35

GUNSMITHING

Rifles - Pistols - Shotguns

A master gunsmith must be the highest type of mechanic. He must be an artist and a craftsman, but no matter how good a mechanic he is, he is handicapped unless he has the best of equipment and tools. Our gunsmiths not only have a factory to cooperate with them but they have the latest machinery and tools in their own department. With gunsmithing, it is always best to send in the gun for a true appraisal of the job and, if so instructed, we will notify the customer just what must be done and the cost before starting the job.



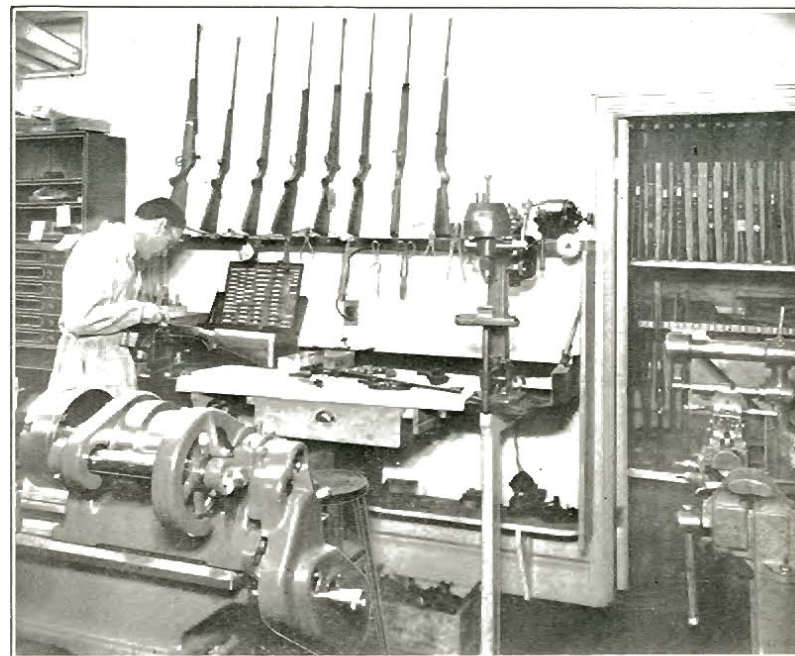
Scope Mounting

We specialize in this work and do so much mounting that we can have men detailed for this work and nothing else. Constantly working at one kind of a job has made these men real scope specialists, so, when we guarantee a job, it means something. Be sure to send complete instructions on how you want your scope mounted and if you want the gun bore sighted only, or taken out on the range and sighted in at 100 or 200 yards. Field sighting service is \$1.50 and you furnish the ammunition.

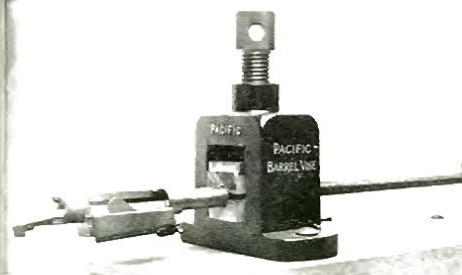
REBLUING

The quality of rebluing that a shop turns out depends on their equipment and the skill of their operators. We have the most modern equipment available and by keeping the operators on the job steady, they have become real experts and specialists.

Rifles	\$5.00 to \$6.00
Shotguns	5.50 to 6.50
Pistols	5.00 to 6.00



PACIFIC BARREL VISE



Shipping Weight 35 lbs.

No matter how hard the barrel is stuck in the receiver, you can remove it with this vise. Weight, 33 lbs., has a 1 1/2" screw with a 3/4" hole through the head. Place the barrel between two pieces of grooved hardwood (comes with vise), put an iron bar through the screw head and tighten. The tremendous pressure is evenly distributed around the barrel making it impossible to move or mar. We have never found a barrel that we could not easily remove and install. No gunsmith shop is complete without a Pacific Barrel Vise. A few jobs and it pays for itself. Price, \$12.00.

STEDIMORE SHOOTERS' STAND

Stedimore Shooters' Stand is for the shooter who wants to have a place to lay his pistol, revolver, shells, or to stand his gun. The iron stake is pushed into the ground with the foot, and is made in two pieces, which slide up and down, and can be adjusted to a height of 18 to 36 inches. The threaded end of the stake screws into a plate on the under side of the top. Tops come in two styles.

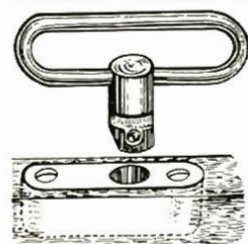
S-1. Made of solid American black walnut, natural wood, durable oil finish. Has two brass pins in one end which slide in copper bearings, and are pushed in when not in use. Tray type. Illustrated. Size 7" x 10". Price with stake \$2.50.

S-2. Made of plywood, brown finish. Tray type. Not illustrated. Does not have brass pins. Size 10" x 1 1/2". Price with stake, \$2.25.

FALCON Quick Detachable Swivel

A Q. D. Swivel That Really Works

Just push stem in, give 1/4 turn to the left and pull it out of base. The new Falcon Q. D. Swivel may be attached or detached without leaving the stock



marred or unsightly, and positively will not come loose.

One sling may be used on several guns by equipping with extra bases, inlet flush with lines of stock.

Swivels are available for either 7/8 or 1 1/4 in. straps.

Price per Pair.....\$2.00

Extra Bases, per Pair..... 1.00

SHOP SUPPLIES

The most complete stock of metals and tools in the United States. It would take a book 10 times the size of this catalog to list even a part of these tremendous stocks, so if there is anything that you need or are interested in, let us know and we will send you whatever literature and prices are available.

No matter what you need in the line of metals, we can give you immediate delivery on small pieces or up to any quantity.

Ayers Gunsmith, Camera, and Radio Drift Pin Sets



Price complete set \$1.50.

The handiest set of tools a shop could have. Pins made of high speed tool steel. Hammer is bronze. Each drift has a bronze ferrule, so if you slip you do not damage your work. Four sizes: A—.047; B—.062; C—.075; D—.091.

Extra complete pin 25c
Insert pins 25c per doz. 1
size or assorted.



The All-Angle Vise

(3 vises in 1)

A carefully engineered tool, precision made. Great strength and durability. Time saving. Economy with quality. 100 per cent guaranteed. Instantly portable. Free swiveling. Convertible.

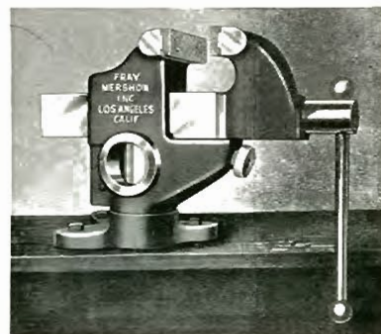
We can also supply you with any other type of vise that you are interested in.

Prices on all angle vises.

2 1/2" jaws\$13.00

3 1/2" jaws\$17.00

4 1/2" jaws\$27.50

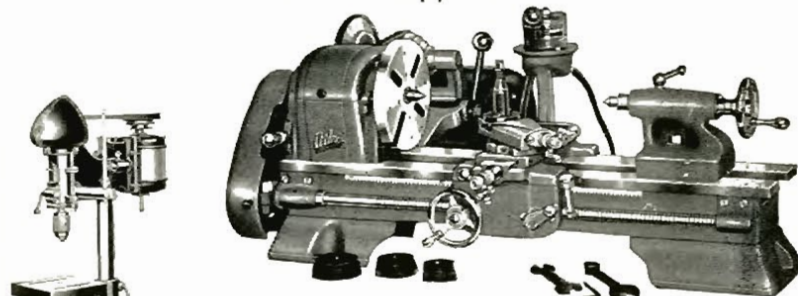


SCREWS - NUTS - BOLTS - WASHERS



Any Description—Any Size—Any Quantity

Prices on Application



No. 1300—\$35.05

Bench-Type Slo-Speed Drill Press, as above, but with No. 1 Morse Taper Spindle (without motor) Shipping Weight 101 lbs.

Length of Bed	Between Centers	Overall Length	Weight less motor	Price less motor
36"	18"	40"	242 lbs.	\$ 98.50
42"	24"	46"	254 lbs.	105.50
48"	30"	52"	262 lbs.	113.50
54"	36"	58"	267 lbs.	122.50

Knurled Handle Needle File



	4 in.	4 3/4 in.	5 1/2 in.	6 1/4 in.
Price each .....	.25	.28	.32	.35
Set of 12 assorted.....	\$2.50	\$2.80	\$3.20	\$3.50

Diston or Nicholson Files

	Sizes—Inches		
	6	8	10
Mill bastard .....	.30	.36	.47
Flat " .....	.36	.45	.60
Half rnd. " .....	.51	.63	.76
Round " .....	.30	.36	.47
Square " .....	.40	.46	.62
Knife " .....	.58	.71	.85
Ex slim taper.....	.26	.32	.38
Cabinet rasp .....	.26	.32	.38
Cabinet rasp .....	.85	1.07	1.46
Cabinet files .....	.68	.85	1.14

Other files from stock—Prices and literature on application.

Cabinet Rasp

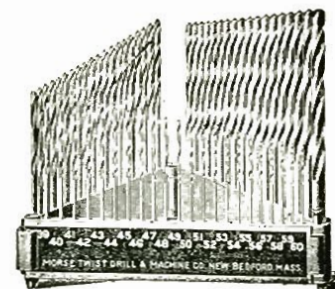


Cabinet File

No. 6 Osborn File Card.....20c



Straight Shank Wire Drills

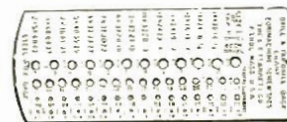


Number by Gauge	Price Per Dozen		Decimals of 1 Inch	Approximate Length, Inches	Twist Cut, Inches
	Carbon Steel	High Speed Steel			
15	\$2.25	\$4.85	.1800	3 1/8	2 1/4
16	2.00	4.65	.1770	3 3/8	2 1/4
17	2.00	4.65	.1730	3 5/8	2 1/4
18	2.00	4.50	.1695	3 5/8	2 1/4
19	2.00	4.35	.1660	3 5/8	2 1/4
20	2.00	4.35	.1610	3 5/8	2 1/4
21	1.90	4.35	.1590	3 5/8	2 1/4
22	1.90	4.15	.1570	3 5/8	2 1/4
23	1.90	4.05	.1540	3 5/8	2 1/4
24	1.90	4.05	.1520	3 5/8	2 1/4
25	1.90	3.90	.1495	3 5/8	2 1/4
26	1.80	3.90	.1470	3 5/8	2 1/4
27	1.80	3.90	.1440	3 5/8	2 1/4
28	1.80	3.60	.1405	3 5/8	2 1/4
29	1.80	3.60	.1360	3 5/8	2 1/4
30	1.80	3.60	.1285	3 5/8	2 1/4
31	1.75	3.30	.1200	3 5/8	2 1/4
32	1.75	3.30	.1160	3 5/8	2 1/4
33	1.75	3.30	.1130	3 5/8	2 1/4
34	1.75	3.15	.1110	3 5/8	2 1/4
35	1.75	3.15	.1100	3 5/8	2 1/4
36	1.75	3.10	.1065	3 5/8	2 1/4
37	1.75	2.95	.1040	3 5/8	2 1/4
38	1.75	2.95	.1015	3 5/8	2 1/4
39	1.75	2.95	.0995	3 5/8	2 1/4
40	1.75	2.80	.0980	3 5/8	2 1/4
41	1.70	2.80	.0960	3 5/8	2 1/4
42	1.70	2.75	.0935	3 5/8	2 1/4
43	1.70	2.60	.0890	3 5/8	2 1/4
44	1.70	2.60	.0860	3 5/8	2 1/4
45	1.70	2.60	.0820	3 5/8	2 1/4
46	1.65	2.50	.0810	3 5/8	2 1/4
47	1.65	2.50	.0785	3 5/8	2 1/4
48	1.65	2.50	.0760	3 5/8	2 1/4
49	1.65	2.50	.0730	3 5/8	2 1/4
50	1.65	2.40	.0700	3 5/8	2 1/4
51	1.60	2.40	.0670	3 5/8	2 1/4
52	1.60	2.40	.0635	3 5/8	2 1/4
53	1.60	2.40	.0595	3 5/8	2 1/4
54	1.60	2.40	.0550	3 5/8	2 1/4

No. 185 Starrett Tap and Drill Gauges

Approximately 5/64 inch thick, 2-5/16 inches wide and 6 1/4 inches long. Enables one to select at once right sized drill to suit machine screw taps most commonly used.

Price, No. 185.....each \$2.40



Coarse Wire Rotary Wire Brush

B-413	33 W&M	4"	1/2 face	.52
B-613	33 W&M	6"	5/8 "	.66
B-813	33 W&M	8"	5/8 "	.99



CLOTH WHEELS

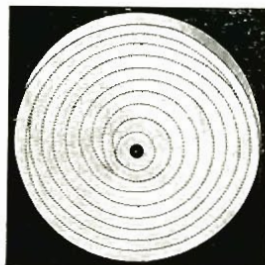
For Polishing

Quilted
Canton

Flannel Buffs

These buffs are machined sewed with hard centers.

Diam. Inches	Ply	No. of Sewings	Price Each
2 1/2	25	2	\$.20
3	25	3	.23
3 1/2	30	3	.25
4	30	4	.45
5	30	4	.50
6	30	5	.75
8	30	6	1.00
10	35	6	1.50
12	40	6	3.25

Quilted
Muslin Buffs

These buffs are machined sewed with hard centers.

Diam. Inches	Ply	No. of Sewings	Price Each
2 1/2	40	2	\$.15
3	40	3	.20
3 1/2	40	3	.25
4	40	4	.30
5	45	4	.50
6	50	5	.75
8	55	5	1.00
10	60	5	1.85

Loose Unbleached Muslin
Buffs
18-Ply

Each section has one row of stitching around the arbor hole which insures the buffs running true on the spindle.

Diameter Inches	Size Hole Inches	Price per Section
6	1 1/2	\$.23
8	1 3/4	.34
10	2	.50
12	2 1/4	.59
14	2 3/4	.90

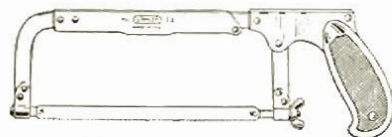
Champion Stitched Muslin
Buffs

Diameter Inches	Diameter Hole, Inches	Weight Pounds	Price per Section
6	1 1/2	.20	\$.26
8	1 3/4	.25	.48
10	2	.25	.48
12	2 1/4	.66	.68
14	2 3/4	.75	1.15

Compressed Muslin Cloth
Wheels

Diam.	Price, Each	Thickness, Inches
6	\$1.00	1 1/4"
8	1.56	1 1/2"
10	2.35	1 3/4"
12	4.22	2"
14	5.70	2 1/4"

STANLEY HACKSAW FRAME



Pistol grip—adjustable 8" to 12". Price.....\$1.25

India Oil Stones



India Files

Made in many different shapes and sizes for various classes of work like stoning dies, cleaning and polishing moulds, lapping or reaming round or square holes, in fact, a thousand and one jobs that come up daily in every class of industry.

Size	Each	Fine	Medium	Coarse	Shape	Old No.
4 x 1/4"	\$0.40	FF 14	MF 14	CF 14	Square	6
4 x 5/16"	0.45	FF 24	MF 24	CF 24	"	5 1/2
4 x 3/8"	0.45	FF 34	MF 34	CF 34	"	5
4 x 1/2"	0.45	FF 44	MF 44	CF 44	"	4
4 x 1/4"	0.50	FF114	MF114	CF114	Triangle	9
4 x 5/16"	.55	FF124	MF124	CF124	"	8 1/2
4 x 3/8"	0.55	FF134	MF134	CF134	"	8
4 x 1/2"	0.55	FF144	MF144	CF144	"	7
4 x 1/4"	0.60	FF214	MF214	CF214	Round	12
4 x 5/16"	0.65	FF224	MF224	CF224	"	11 1/2
4 x 3/8"	0.65	FF234	MF234	CF234	"	11
4 x 1/2"	0.65	FF244	MF244	CF244	"	10
4 x 1/4"	0.50	FF314	MF314	CF314	Half Round	73
4 x 5/16"	0.55	FF324	MF324	CF324	"	74
4 x 3/8"	0.55	FF334	MF334	CF334	"	75
4 x 1/2"	0.55	FF344	MF344	CF344	"	58
4 x 1/2 x 1/4"	0.75	FF644	MF644	CF644	Taper Round	57
4 x 1/2 x 1/4"	0.75	FF544	MF544	CF544	Taper Tri.	26
4 x 5/8 x 3/8"	0.90	FT134	MT134	CT134	Diamond	27
3 x 1/8" Base	0.90	FF723	MF723	CF723	Point	28
4 x 1 x 1/8" Back	0.70	FF724	MF724	CF724	Knife Blade	25
4 1/2 x 1 x 1/8"	0.55	FT124	MT124	CT124	Reamer	56
5 x 1 x 1/8"	0.55	FT125	MT125	CT125	Reamer	

No. 555 Starrett Jewelers' Screwdrivers

Made from steel tubing, knurled and nickel-plated. Blades vary from .025 to .100 inch in width.

Top is finished with a swivel knob, con-caved to fit the finger.

Each size packed 6 in a box.

No.	Handle	Blade	Price Each
555AA	1/4"	.025	\$.45
555A	1/4"	.040	.45
555B	1/4"	.055	.45
555C	1/4"	.070	.45
555D	1/4"	.080	.45
555E	1/4"	.100	.45
Price, No. 555, Set of 6, per set.....			\$2.70
" Extra Blades, each.....			.15



Starrett Hack Saw Blades

Hand Frame Sizes



A general purpose blade for all solids, tool steel, wrought iron, cast iron and slate.

No.	Dimensions, Inches			Teeth per Inch	Price per Dozen
	Length	Width	Thickness		
103	10	1 1/2	.025	18	\$.85
103	12	1 1/2	.025	18	1.00
103B	10	1 1/2	.025	14	.85
103B	12	1 1/2	.025	14	1.00
103A14	12	9/16	.025	14	1.00
103A18	12	9/16	.025	18	1.00
103A24	12	9/16	.025	24	1.00

Hand Taps



Taper



Plug



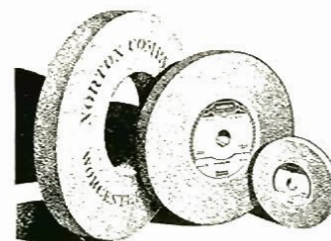
Bottoming

Diam. of Tap, Inches	Price		Number of Threads to the Inch					Whole Length, Inches
	Carbon Steel		N.C. (U.S.S.)	N.F. (S.A.E.)	N.S. (U.S.F.)	Whit- worth Std.	British Std. Fine	
	Each	Per Set						
1/4	\$.45	\$1.35	20	28	24, 27, 32	20	26	2 1/2
5/16	.50	1.50	18	24	20, 27, 32	18	22	2 13/16
3/8	.55	1.65	16	24	20, 27	16	20	2 15/16
7/16	.60	1.80	14	20	24, 27	14	18	3 5/16
1/2	.70	2.10	13	20	12, 24, 27	12	16	3 3/8

Machine Screw Taps

Screw Gauge No.	Basic Major Diam., Inches	Price Each	Price Per Dozen	Threads Per Inch			Length of Thread, Inches	Whole Length, Inches
				N.C.	N.F.	N.S.		
0	.060	\$0.50	\$6.00		80		5/16	1 5/8
1	.073	.50	6.00	64	72	56	5/16	1 11/16
2	.086	.45	5.40	56	64		7/16	1 3/4
3	.099	.40	4.80	48	56		1/2	1 13/16
4	.112	.40	4.80	40	48	32, 36	5/8	1 7/8
5	.125	.35	4.20	40	44	36	5/8	1 15/16
6	.138	.35	4.20	32	40	36	11/16	2
8	.164	.35	4.20	32	36	30, 40	3/4	2 1/8
10	.190	.40	4.80	24	32	28, 30	7/8	2 5/8
12	.216	.45	5.40	24	28	32	1 1/8	2 3/4
14	.242	.45	5.40			20, 24	1	2 1/2

ALUNDUM GRINDING WHEELS



Coarse—Medium—Fine

3 x 1 1/2	\$1.05
4 x 3/8	1.65
4 x 1 1/2	1.75
5 x 1 1/2	2.50
5 x 3/4	2.90
6 x 1 1/2	3.00
6 x 3/4	3.50
6 x 1	4.00

Other sizes available from stock. Prices on application. Specify hole size.

You will notice by the illustration that grinding wheels come in every conceivable size and shape for any kind of work so if you have any particular type wheel in mind, write to us and we will get you all the available information.

METALS

All sizes, shapes and lengths.
Brass — Copper — Bronze
— Aluminum — German Sil-
ver — Monel Metal — Zinc
— Steel — etc.

PRICES ON APPLICATION



Lightning Metalite Cloth In Handy Rolls

(50 Yards Long)



Grit Number	Width	Price per Roll
320 to 100	1 "	3.50
	1 1/2 "	4.85
	2 "	6.15
80	1 "	3.60
	1 1/2 "	5.00
	2 "	6.50
60	1 "	3.90
	1 1/2 "	5.40
	2 "	6.95
50	1 "	4.10
	1 1/2 "	5.75
	2 "	7.40

Behr-Manning Emery Cloth in Bundles—9" x 11"

24 sheets—1 quire

20 quires—1 ream

480 sheets—1 ream

Grit Number	Per Ream	Per Sheet
3/0-2/0-0	\$30.00	\$.06
1/2	31.20	.07
1	32.75	.07
1 1/2	34.30	.07
2	36.50	.07
2 1/2	39.40	.08
3	42.50	.08



Pacific Utility Oil—A Lubricating Oil

There are more oils on the market to pick from than any other commodity. Therefore, it is no wonder that people are a bit confused as to which is really the best.

In our shops and with our various experimenting, we needed a perfect oil, light enough to be put in a watch, if need be, and still enough body to stand up in high-powered firearms, without gumming.

After years of experimenting, we have found out that Pacific Utility Oil does the trick. Here is an oil that you can satisfactorily use for practically everything: firearms, reloading, all kinds of shop tools, sporting equipment, fishing reels and trout flies, electric razors, motors, all kinds of household electrical appliances and bicycles, also a good rust preventative. Use it for anything around the shop and home where a good oil is needed.



3 1/2 ounce can.....\$.35

Larger amounts—prices on application

PARCEL POST RATES

Weight in pounds	Local	1st, up to 50 miles	2d, 50 to 150 miles	3d, 150 to 300 miles	4th, 300 to 600 miles	5th, 600 to 1,000 miles	6th, 1,000 to 1,400 miles	7th, 1,400 to 1,800 miles	8th, over 1,800 miles
1	\$0.07	\$0.08	\$0.08	\$0.09	\$0.10	\$0.11	\$0.12	\$0.14	\$0.15
2	.08	.10	.10	.11	.14	.17	.19	.23	.26
3	.08	.11	.11	.13	.17	.22	.26	.32	.37
4	.09	.12	.12	.15	.21	.27	.33	.41	.48
5	.09	.13	.13	.17	.24	.33	.40	.50	.59
6	.10	.14	.14	.19	.28	.38	.47	.59	.70
7	.10	.15	.15	.21	.31	.43	.54	.68	.81
8	.11	.16	.16	.23	.35	.49	.61	.77	.92
9	.11	.17	.17	.25	.38	.54	.68	.86	1.03
10	.12	.18	.18	.27	.42	.59	.75	.95	1.14
11	.12	.19	.19	.29	.45	.64	.82	1.04	1.25
12	.13	.21	.21	.31	.49	.70	.89	1.13	1.36
13	.13	.22	.22	.33	.52	.75	.96	1.22	1.47
14	.14	.23	.23	.35	.56	.80	1.03	1.31	1.58
15	.14	.24	.24	.37	.59	.86	1.10	1.40	1.69
16	.15	.25	.25	.39	.63	.91	1.17	1.49	1.80
17	.15	.26	.26	.41	.66	.96	1.24	1.58	1.91
18	.16	.27	.27	.43	.70	1.02	1.31	1.67	2.02
19	.16	.28	.28	.45	.73	1.07	1.38	1.76	2.12
20	.17	.29	.29	.47	.77	1.12	1.45	1.85	2.24
21	.17	.30	.30	.49	.80	1.17	1.52	1.94	2.35
22	.18	.32	.32	.51	.84	1.23	1.59	2.03	2.46
23	.18	.33	.33	.53	.87	1.28	1.66	2.12	2.57
24	.19	.34	.34	.55	.91	1.32	1.73	2.21	2.68
25	.19	.35	.35	.57	.94	1.39	1.80	2.30	2.79
26	.20	.36	.36	.59	.98	1.44	1.87	2.39	2.90
27	.20	.37	.37	.61	1.01	1.49	1.94	2.48	3.01
28	.21	.38	.38	.63	1.05	1.55	2.01	2.57	3.12
29	.21	.39	.39	.65	1.08	1.60	2.08	2.66	3.23
30	.22	.40	.40	.67	1.12	1.65	2.15	2.75	3.34

INDEX

Automatic Priming Feed	9	Pistol Grip Caps	100
Books (On Shooting)	114	Primer Pocket Cleaner	18
Balancer (Pistol)	112	Rebluing	125
Barrel Vise	125	Reloading Tools (Pacific)	5
Bullets	26-27-28	Reloading Tools (Ideal)	19-20
Bullet Puller	8	Reloading Tools (Auto.)	19
Butt Plates	98-99-100-101	Recoil Pads	98-101
Bluers (Gun)	101-102	Reloading Tools (Shotshell)	30
Brushes (Cleaning)	102-103	Remodeling	89
Broken Shell Extractors	27	Rig	104
Cartridge Box	119	Sights:	
Carbide Lamps	113	Pacific Rear	31
Cases (Primed)	29	Pacific Ramps and Bands	37
Cleaner (Gun)	102-103-104-105	Open Rear Sights	46
Cleaning Rods	103-106-107	Lyman	50
Cutts Compensator	73	Redfield	55
Checkering Tools	92	Tang Peep Sights	62
Compasses	113	Marble Goss	49
Discs	44-45	Vaver Dial	61
Ear Stoppers	104	King Reflector	66-67
Gun Covers	101	Globe Sights	70-71
Gunslick Products	103	Front Ivory & Gold	68
Gunsmithing	124	Shotgun	54-71-72
Holding Bands (Military)	76	Sight Discs	44-45
Hoods, Front Sight	38	Skylite (Parker)	60
Holsters	108-109	Shell Trimmer	9-12
Ladles	18-23	Shell Sizer (Hand)	8
Loading Blocks	15	Sling Swivels	96-97-126
Lubricant (Bullet)	18	Sling Straps	97
Lubricator and Sizer	13-17-18	Sight Gauge	12
Labor Charges	95	Score Books	111
Match Box	113	Shooting Cases	115
Moulds	20-24	Shooting Glasses	116
Micrometer	15	Shop Supplies	126-134
Melting Pots	9-16-18	Spotting Scopes & Stands	87-88-89
Melting Pots, Electric	15	Slot Blanks	44
Optical Attachment	45	Shooting Coats	111
Patches (Cleaning)	103	Shooting Gloves	110
Poly Choke	73	Shot Hole Gauge	123
Pasters (Target)	110	Scales	25
Powders and Primers	17	Stocks (Gun)	92-93
Powder Funnel	15	Stock Finish	92
Powder Measures	14-19	Stop Watches	113
Powder Solvent	102-103-104-105	Small Bore Accessories	123
Pistols	117	Targets	109-110
Pistols (Bullseye Pistols)	112	Telescope Sights:	
Pistol Grips	106	Lyman	75-76
Pistol Grip Adapters	105	Mounts	83-84-87
Pistol Parts	121	Mounting	124
		Weaver	77
		Mossberg	86
		Unertl	81
		Fecker	81
		Zeiss	85
		Weaver Choke	74