

2005

Battenfield™

Technologies, Inc.

Adams & Bennett
• Replacement Rifle Barrels •

Caldwell™
Shooting Supplies

CoreLite™
Synthetic Stocks

Fajen®
*The First Name
in Gunstocks.*

Frankford Arsenal
Reloading Tools 

Miles Gilbert™
Fine Stockmaking Supplies

PAST 
Recoil Protection

Tipton™
Gun Cleaning Supplies

Wheeler™
Engineering
Fine Gunsmithing Supplies



Caldwell Muley Pod

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Caldwell Hunter's Blind Bag

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**Wheeler
Level-Level-Level**

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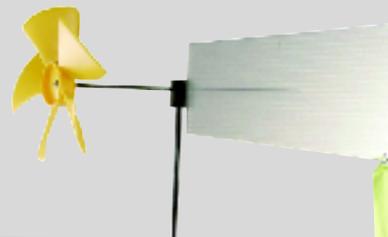
**Miles Gilbert
Learn to Checker Kit**

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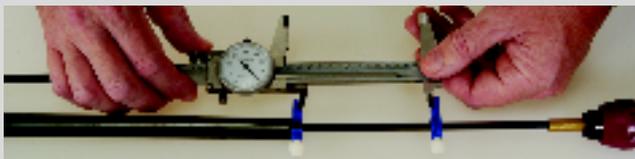
Best Bore Brushes

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New Products 2005



**Adams & Bennett and CoreLite
Mauser 98 Combos**

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Caldwell Rock BR

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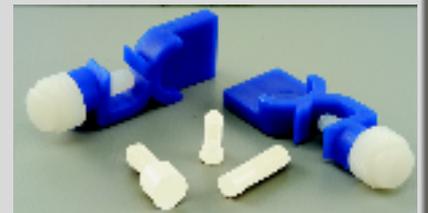
**Wheeler
Deluxe
Screwdriver Set**

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New Products 2005

Adams & Bennett™

• Replacement Rifle Barrels •

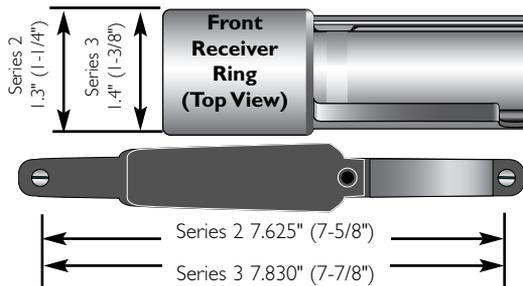
MAUSER REPLACEMENT BARRELS

Adams & Bennett™ Mauser Replacement Barrels are made from quality barrel steel and are precision reamed, button-rifled, threaded and short chambered. Each barrel is chambered approximately .050" short of SAAMI specifications. Installation of these barrels should be performed by a qualified gunsmith, who should normally finish-ream the chamber, verify headspace, and test fire the rifle. All Mauser Replacement Barrels and all barrel blanks are furnished "in-the-white." Chrome moly barrels will require polishing and bluing. Stainless steel barrels feature a satin 32 micron finish, which can be left as is or polished bright.

Mauser Descriptions

Small Ring Mauser actions have a thread shank diameter of .980" and 12 threads per inch. These include Mauser Model 93, 94, 95, and 96 rifles and carbines. The front receiver outside ring is approximately 1-1/4" in diameter. Not included in this definition are small ring variations of the M98. We refer to these as "Series 2" in the diagram below.

Large Ring Mauser actions have a thread shank diameter of 1.10" and 12 threads per inch. These include Mauser Model 98, Centurion, FN, Interarms Mark X, Parker Hale 1200, and Santa Barbara receivers with a front receiver outside ring approximately 1-3/8" in diameter. We refer to these as "Series 3" in the diagram below.

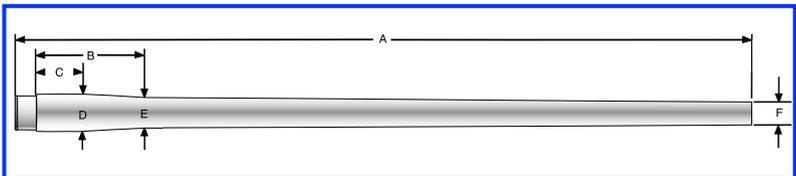


Series 2 (93, 94, 95, 96) — 1-1/4" front receiver ring and 7-5/8" center to center on the trigger guard screws. This series includes most Model 93, 94, 95, 96 rifles and carbines.

Series 3 (98 Large Ring) — 1-3/8" front receiver ring and 7-7/8" center to center on the trigger guard screws. This series includes most large ring, long action Mauser 98 rifles, as well as the Centurion, FN, Interarms Mark X, Parker Hale 1200 and Santa Barbara.

Specified Barrel Dimensions

Barrel Contour	A	B	C	D	E	F
F14 (lightweight)	21"	6.000"	1.500"	1.140"	0.750"	0.550"
F34 (sporter weight)	24"	3.586"	0.750"	1.200"	0.877"	0.650"
F44 (heavy sporter)	24"	3.500"	1.500"	1.200"	0.974"	0.725"
F54 (varmint/target)	24"	3.500"	1.500"	1.200"	0.974"	0.830"



Threaded Short-Chambered Barrels

Firearm Contour	Material	Series 2 Small Ring F14		Series 3 Large Ring F44		F54	F54
		Standard	Standard	Standard	Standard	Standard	Fluted
		Chrome Moly	Chrome Moly	Chrome Moly	Chrome Moly	Stainless Steel	Stainless Steel
		\$144.18	\$144.18	\$144.18	\$144.18	\$181.99	\$263.74
MSRP							
Caliber	Twist						
22-250 Remington	1-8"					387-275	
22-250 Remington	1-14"			892-042		588-065	114-923
220 Swift	1-14"					713-792	257-392
243 Winchester	1-10"		391-976	615-311			734-035
257 Roberts	1-10"	145-343	108-786	124-336			
25-06 Remington	1-10"			623-846			
260 Remington	1-9"			778-024		605-111	225-790
6.5x55 Swedish Mauser	1-9"	762-814	695-753	843-862			
270 Winchester	1-10"			580-735			
270 WSM	1-10"			481-380			
280 Remington	1-9.5"			284-639			
7mm-08 Remington	1-9.5"			214-610		108-248	139-169
7x57 Mauser	1-9.5"	722-326	497-464	576-029			895-031
7mm Remington Mag	1-9.5"			667-180			
7mm WSM	1-9.5"			119-344			
308 Winchester	1-10"		359-446	142-156		224-786	255-860
30-06 Springfield	1-10"			165-587			
300 Winchester Magnum	1-10"			798-269			
300 WSM	1-10"			173-907			
338-06	1-10"			360-907			
338 Winchester Mag	1-10"			671-335			
35 Whelen	1-14"			166-779			
416 Taylor	1-14"				247-979		
458 Winchester Mag	1-14"				759-313		

Now available -
17 & 20
Calibers

Adams & Bennett™

• Replacement Rifle Barrels •

26" RIFLED BARREL BLANKS

Adams & Bennett precision-grade barrel blanks feature smooth, four-groove, button-rifled bores. Made of ordnance-grade 4140 chrome-moly steel, they are available in four contours, F34 (sporter), F44 (heavy sporter), F54 (heavy varmint), and F99 (uncontoured). The dimensions of these blanks match the chart on the facing page, except dimension "C" is 1.75" for F34, 2.00" for F44, 2.25" for F54, and the length "A" is 26". A gunsmith can install these blanks so that they are a drop-in fit with Fajen or CoreLite stocks. All contours are 1.200" at the breech, which makes them appropriate for installation on numerous bolt-action rifles, commercial and military, as well as many single-shots. All models are in-the-white and feature a smooth exterior finish, requiring very little polishing prior to bluing.

Chrome Moly Barrel Blanks

Caliber MSRP	Twist	F34	F44	F54	F99	Common Barrel Blank Applications
		Contour \$120.98	Contour \$120.98	Contour \$120.98	Un- contoured \$120.98	
17 NEW!	1-9"	100-930		153-991		17 Remington, 17 HMR, 17HM2, 17 caliber wildcats
20 NEW!	1-12"	725-241		288-793		204 Ruger, 20 caliber wildcats
22 Centerfire	1-14"	322-715		269-101	662-802	220 Swift, 222 Remington, 222 Remington Mag, 22-250 Remington, 223 Remington, 22 PPC, 224 Weatherby Mag
243	1-10"	100-905		778-351	327-423	243 Winchester, 6mm Remington, 6mm BR, 6mm PPC, 240 Weatherby Mag
257	1-10"	332-128		592-444	361-997	25-06 Remington, 250 Savage, 257 Roberts, 257 Weatherby Mag
264	1-9"	179-469		409-487		260 Remington, 264 Winchester Mag, 6.5x55 Swedish Mauser, 6.5mm Remington Mag, 6.5-284
284	1-9.5"	722-654		790-060		280 Remington, 7x57 Mauser, 7mm-08 Remington, 7mm Remington Mag, 7mm Weatherby Mag
308	1-10"	765-110		541-453	256-187	30-30 WCF, 300 Savage, 308 Winchester, 30-06 Springfield, 300 H&H Mag, 30 caliber magnums
8mm	1-10"				451-306	8x57 Mauser, 8x68S, 8mm Remington Mag
338	1-10"				321-750	338 Winchester Mag, 340 Weatherby Mag, 338-06
358	1-14"		460-483		716-001	35 Remington, 35 Whelen, 350 Remington Mag, 356 Winchester, 358 Winchester, 358 Norma Mag
375	1-12"		709-564			375 H&H Mag, 375 Winchester, 378 Weatherby Mag
416	1-14"		736-197			416 Remington Mag, 416 Rigby, 416 Weatherby Mag
45-70	1-22"				296-261	45-70 Government, 45-120 Sharps, 45-90 Sharps
458	1-14"		243-816		718-412	458 Winchester Mag, 460 Weatherby Mag

Heavy Match Barrels for the Ruger 10/22 and 10/22 Magnum

The Ruger 10/22 is one of the most popular semi-auto 22 rifles of all time. And for good reason. It is lightweight, rugged, dependable and accurate, right out of the box. As good as it is, it also lends itself to do-it-yourself improvement. For those of us who can't help but upgrade, we offer the Adams & Bennett Ruger 10/22 Heavy Match Barrels. These barrels are made from quality barrel steel and are precision reamed and button rifled. The 22 Long Rifle barrels feature a "Bentz" style match chamber, a recessed, target-style crown and are .920" in diameter. All Adams & Bennett Ruger 10/22 and 10/22 Magnum barrels are designed for use on scoped rifles. Adams & Bennett Ruger 10/22 barrels are 100% drop-in for stocks with .920" barrel channel inletting. No gunsmithing is required. Shown with Fajen Thumbhole Silhouette stock. Action, scope, and stock not included.



Heavy Match Barrels	Product #.....	MSRP
18" 22 Long Rifle Blued.....	773-645.....	\$133.98
18" 22 Long Rifle Stainless Steel.....	325-126.....	\$164.78
18" 22 Long Rifle Blued Fluted.....	316-040.....	\$197.92
18" 22 Long Rifle Stainless Steel Fluted.....	508-295.....	\$223.98
20" 22 Magnum Blued.....	285-723.....	\$160.99

Now
available in
204 Ruger

Adams & Bennett™

• Replacement Rifle Barrels •

SAVAGE REPLACEMENT BARRELS

The Savage 110 and 10 series rifles have become increasingly popular. Affordable, with great accuracy potential, these rifles feature a unique barrel installation system that allows for relatively quick, easy, and precise replacement. Whether you want to replace your worn-out barrel, change calibers, or have the option of switch barrel capability, these quality barrels will get the job done. Featuring the same breech to muzzle quality of all the Adams & Bennett barrel designs, these barrels are contoured to match factory configurations, and will fit in the factory stock with little, or no, inletting. All that is required is to loosen the barrel nut, remove the existing barrel, install the new barrel, set the headspace, tighten the barrel nut, and stamp the caliber designation on the barrel. Adams & Bennett Savage barrels are 24" long, and are available in factory standard, factory magnum, and factory varmint contours, blued chrome moly, stainless steel, and fluted stainless steel. All Adams & Bennett Savage barrels for Magnum calibers and those in calibers .338 and larger are magnum contour.



Important Savage Receiver Information

Savage actions Pre-2000 utilized a barrel with a nominal barrel thread diameter of 1.062". When Savage started chambering for the Super Short and Ultra Mags in 2001, they began utilizing a slightly larger barrel thread diameter of 1.125". Standard magnum chamberings (i.e. 300 Winchester Magnum etc.) were also fabricated using the larger barrel thread at that same time. All current and subsequent Savage actions will be utilizing the larger 1.125" diameter thread. At present, Adams & Bennett only offers barrels with the smaller diameter barrel thread (1.062").

Savage Barrel Chart - Material and Contour (24")

Contour		Factory Standard	Factory Varmint	Factory Varmint	Factory Varmint Fluted
Material		Chrome Moly	Chrome Moly	Stainless Steel	Stainless Steel
Caliber MSRP	Twist	\$209.99	\$209.99	\$223.99	\$307.99
204 Ruger	1-12"		119-934		297-019
223 Remington	1-14"		831-891		889-774
223 Ackley Imp	1-14"		103-215	837-511	192-282
22-250 Remington NEW TWIST!	1-8"	240-519			
22-250 Remington	1-14"		429-520	298-029	302-883
22-250 Ackley Imp	1-14"		814-082	447-137	152-701
220 Swift	1-14"		519-848		
243 Winchester	1-10"	877-796	266-134	240-118	455-623
257 Roberts	1-10"	654-132			
25-06 Remington	1-10"	211-826			
260 Remington	1-9"	360-206			
6.5x55 Swedish Mauser	1-9"	855-788			
270 Winchester	1-10"	215-134			
280 Remington	1-10"	466-994			
7mm Remington Mag	1-9.5"	429-165			
7mm-08 Remington	1-9.5"	621-508			
7x57 Mauser	1-9.5"	138-827			
308 Winchester	1-10"	191-801	256-581	581-839	714-151
30-06 Springfield	1-10"	639-369			
30-06 Ackley Imp	1-10"	594-377			
300 Winchester Mag	1-10"	103-310			
338-06	1-10"	817-366			
338 Winchester Mag	1-10"	750-882			
35 Whelen	1-14"	309-002			
358 Winchester	1-12"	773-020			
375 H&H Mag	1-12"	305-626			
416 Taylor	1-14"	146-067			

Adams & Bennett™

• Replacement Rifle Barrels •

REBARREL YOUR SAVAGE KIT

A Brand New Rifle in 20 Minutes!



To make the installation of a new Adams & Bennett Savage barrel as convenient and cost effective as we can, we offer the Rebarrel Your Savage Kit. Each Kit contains a ready to install Adams & Bennett Barrel, two headspace gages (GO and NO GO), and a Wheeler Engineering Savage Barrel Nut Wrench. All that is needed is a barrel vise. We suggest the Wheeler Barrel Vise With 3 Oak Bushings, #465-185. Included in the Kit is a comprehensive set of instructions which will lead you through the removal and installation process. Whether you wish to simply replace your old barrel, change calibers, or build a switch-barrel rifle, this is the place to start. (See Important Savage Receiver Information on previous page.)

To show how quick and easy it is to rebarrel a Savage rifle, we took photos of the actual procedure. The original rifle was a 30-06 with a standard weight barrel, and the decision was made to rebarrel it to 22-250 with a varmint weight barrel. Check the live clock in the background.



1. The original barreled action, new Adams & Bennett Savage varmint weight barrel, headspace gage, Wheeler Savage Barrel Nut Wrench and Barrel Vise.



2. The barrel is clamped in the vise and the barrel nut is loosened.



3. With the barrel nut loosened, the receiver is unscrewed from the barrel.



4. The new barrel is clamped in the vise, the receiver is screwed onto the barrel, and the headspace gage is inserted into the chamber.



5. Once the headspace is established, the barrel nut is tightened.



6. There you have it! A new barrel in a new caliber installed in 20 minutes.

What the American Rifleman had to say about Adams & Bennett Savage Barrels

"For Shooters on a tight budget, Savage Model 110 rifles and their many variants represent a solid value. To those for whom money is no object, Savage rifles offer a welcome surprise in quality and accuracy. For everyone, though, they're well made, can be had in left- or right- hand and long- or short-action at no extra cost and come in the most popular chamberings-but only the most popular. For shooters looking for different chamberings, or who simply want another rifle in another chambering without having to shell out a lot of money, (Battenfeld Technologies) offers Adams & Bennett rifle barrels in a variety of chamberings for Savage rifles. Best of all, these barrels can be changed out and headspaced easily on the same receiver by most anyone, and without the need for a lot of specialized tools." American Rifleman, January, 2003

Rebarrel Your Savage® Kit

Contour		Factory Standard	Factory Varmint	Factory Varmint	Factory Varmint Fluted
Material		Chrome Moly	Chrome Moly	Stainless Steel	Stainless Steel
Caliber	Twist	\$244.99	\$244.99	\$258.99	\$342.99
MSRP					
204 Ruger NEW!	1-12"		818-391		439-873
223 Ackley Imp	1-14"		200-433	127-601	511-057
22-250 Remington	1-14"		783-492	620-613	409-357
22-250 Ackley Imp	1-14"		632-816	290-383	725-104
243 Winchester	1-10"	155-885	659-084	159-140	463-386
25-06 Remington	1-10"	488-526			
260 Remington	1-9"	850-612			
270 Winchester	1-10"	590-115			
7mm-08 Remington	1-9.5"	416-796			
308 Winchester	1-10"	232-895	133-325	161-814	182-336
30-06 Springfield	1-10"	618-752			
35 Whelen	1-14"	774-804			



The Rock BR™ Competition Front Rest

The Rock BR will help you discover the true potential of your rifle and ammunition. This high-quality rest is designed for the most accuracy-minded shooters around - Bench Rest Competitors - but everyone who wants the best from their rifle will benefit from the advanced design, precision machining, and finely engineered features of the Rock BR. The rest weighs a satisfying 15-1/2 lbs, thanks to its cast-iron base. Fine elevation adjustments are made from a large-diameter rotating wheel that glides on a set of ball bearings. Coarse elevation adjustments are made with a locking collar. The Rock BR's windage-adjustable cradle lets shooters make fast, smooth horizontal adjustments to handle wind shifts - especially appropriate for shooters using wind flags. The cradle features a sturdy bag tensioning system for excellent forend support and increased stability and accuracy. The Rock BR includes a free three-lobe synthetic bag that works especially well for flat-bottomed forends. The cradle has specially designed slots that allow users to quickly install or interchange any of Caldwell's Deluxe front Rest Bags to fit round-bottomed shapes. Every feature is designed to help you shoot more accurately - this is truly a rest that any quality-minded shooter will appreciate. Patent pending.

440-907MSRP \$195.98

THE ROCK BR-1000™

Everything you like about the Rock BR but in a bigger size! Wider and heavier than the Rock BR, but with the same precision windage and elevation adjustment system, the BR-1000 is the choice for long-range shooting. Large 18" footprint base. Weighs 24 lbs.! Designed for large, heavy rifles with wide forends, but will accept all Caldwell Deluxe Front Rest Bags. Perfect for .50 BMG shooting. A full 5" wide 3-lobe bag is included.

171-209MSRP \$223.98



ACCESSORIES FOR THE ROCK BR AND BR-1000

Description	Product #.....	MSRP
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Extra Cradle - complete with windage adjustment system	552-446	\$100.78
<i>Have more than one rifle with different forend shapes? Having extra cradles with different bags already attached makes shooting more than one gun quick and convenient. Uses any Caldwell Deluxe Front Bags. Fits Rock BR and BR-1000 Yard Model.</i>		

BR-1000 Yard Base only	444-173	\$78.38
<i>Turn your Rock BR into the Rock BR-1000 Yard Model by simply exchanging the base.</i>		

3" 3-Lobe Bag (unfilled)	652-439	\$16.78
<i>Furnished with Rock BR</i>		

5" 3-Lobe Bag (unfilled)	607-687	\$16.78
<i>Furnished with the Rock BR-1000</i>		



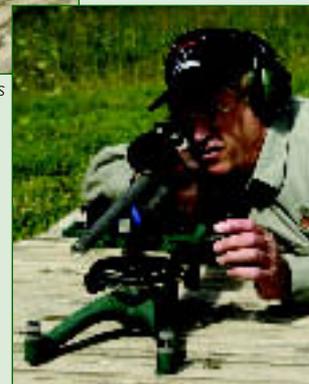
3-Lobe Bag is perfect for flat bottom forends



Accepts all Deluxe Front Bags



Positive forend stop



Fingertip windage adjustment



The Rock™

The best way to determine the accuracy of your rifle and ammunition is to shoot from a solid bench with a quality shooting rest. With precise repeatability of shots as your goal, The Rock Deluxe Front Rest is the right tool for the job. New cast-iron base adds two pounds of stabilizing mass. Wide-based and rigid, The Rock helps eliminate the human factor in shooting. The Rock features a 1" diameter steel center post with large elevation wheel, for quick height adjustments from 4-1/2" to 7-1/4". Three leveling feet make set-up quick, and an adjustable forend stop helps ensure shot-to-shot repeatability. An easily visible bubble level mounted on the cradle ensures quick and level set-up. The wide, adjustable cradle accepts all Caldwell Deluxe Universal Front Rest bags to accommodate most stock configurations. Unfilled medium bag included.

Product #383-774MSRP \$97.98

8" Shoulder Saver Magnum Center Post for The Rock

Taller shooters and people shooting magnum calibers from the bench will appreciate the more upright shooting position offered by the Shoulder Saver Magnum Center Post. The Shoulder Saver Magnum Center Post positions the rifle as much as 4" higher than our standard 4" Center Post. Felt recoil is typically reduced as the rifle rests more in the pocket of your shoulder. The 8" Shoulder Saver Magnum Center Post allows adjustments from 8-1/2" to 11". Easy to install.



Description	Product #	MSRP
8" Magnum Center Post.....	319-214	\$23.06
8" Magnum Center Post and Magnum Rear Bag	517-134	\$44.79
8" Magnum Center Post with Cradle and Magnum Rear Bag	896-295	\$55.99

Extra Cradle for The Rock

Have more than one gun with different forend configurations? Extra cradles with different bags makes shooting more than one gun quick and easy.

Description	Product #	MSRP
4" Center Post with Cradle	829-798	\$42.68
8" Shoulder Saver Magnum Center Post with Cradle	691-908	\$42.68



The Rock Jr.™

Many of the features of The Rock in a smaller, lighter, economical package. Stable, cast iron base features interchangeable non-slip rubber feet and hard metal spikes to allow shooting from almost any surface. Uses same Universal Front Bags as The Rock enabling you to choose a configuration to match your rifle. Elevation wheel provides height adjustment from 4-1/2" to 7-1/4" at your fingertips. For sighting-in, test firing, and informal competition, it's tough to beat. Unfilled Medium Deluxe Universal Front Bag included.

Product #.....323-225.....MSRP \$49.46

A.



B.



C.



Bench Accessory Bags

What began as an improvement over the classic front rest bags has been expanded to include a variety of accessory bags for informal as well as competitive shooting. Blending the idea of combination leather and polyester rest bags with classic accessory bags has resulted in new shapes, new uses, and a new look.

Description.....	Unfilled #	MSRP	Filled #	MSRP
Number 1 (A)..... <i>9-1/4" Tall, 3-1/2" in diameter, this cylindrical bag can be used as a buffer bag between butt stock and shoulder for heavy recoil firearms; it can be used as an ankle support in the kneeling position; or even as a practical forend rest when the situation requires.</i>	580-680.....	\$19.03.....	368-801.....	\$21.27.....
Number 2 (B)..... <i>7" square, approximately 1-3/4" tall, this Accessory Bag saves wear and tear on elbows and forearms.</i>	697-339.....	\$15.67.....	774-317.....	\$17.91.....
Number 3 (C)..... <i>8" long, 5" wide, approximately 2-1/4" tall, this ingot-shaped bag has many uses. It can be used as a forearm or elbow rest; it can be used to raise the height of the rear bag; it can be used between the buttstock and the shoulder with heavy recoil long guns; a heel rest for handgun shooting; even as a practical front rest.</i>	811-284.....	\$16.79.....	116-375.....	\$19.03.....
Number 1, 2, 3 combo.....	506-490.....	\$44.79.....	343-375.....	\$50.39.....



Deluxe Universal Front and Rear Rest Bags

These innovative, high-quality leather and polyester Front and Rear Shooting Bags function with most brands of front rests. The exclusive hook and loop tabs on the Front Rests allow quick installation and removal from the cradle without the time-consuming need to lace them on. The leather gives you a secure rest and the polyester, which will not stretch or sag, allows the bag to hold its shape. This combination makes for the best shooting bag on the market. Choose the Narrow Bag for most sporting rifles, or the Medium and Wide models for varmint and benchrest rifles. The new Flat Top Front Rest is ideal for a handgun rest, but also adds extra height and can be used with almost any style and width rifle or shotgun forend. The Rear Bag supports the toeline of the stock for rock-solid positioning. Now offered in two different heights, Standard for The Rock with 4" Center Post, and the Shoulder Saver Magnum Extended Bag for use with The Rock with the 8" Center Post. The Back Stop Rear Bag Stabilizer provides the ideal "seat" for Rear Bags when stability is an issue. Available filled with ground walnut shells, or unfilled. The empty versions should be filled with fine, dry sand, or other dry, inert fillers.

Description.....	Unfilled #	Filled #	Description.....	Unfilled #	Filled #
MSRP	\$15.42	\$19.54	MSRP	\$19.99	N/A
Narrow Sporter (A).....	391-981	108-325	Back Stop Rear Bag Stabilizer (G)	679-524	N/A
Medium Varmint (B)	174-122.....	263-234	Unfilled	Product #.....	MSRP
Wide Benchrest (C)	489-585.....	576-578	2-Bag Set, Includes Medium Varmint Front		
Flat Top (D)	336-363.....	485-994	Rest Bag and Rear Bag,	168-634.....	\$41.19
MSRP	\$28.82	\$32.94	4-Bag Set, Includes Narrow, Medium, Wide		
Rear Bag (E).....	226-645.....	598-458	Front Bags, and Rear Bag.....	421-196.....	\$66.92
MSRP	\$33.59	\$38.07			
Shoulder Saver Magnum Extended Rear Bag					
for use with 8" Center Post (F)	158-002.....	445-389			

Hunter's Blind Bag



Support and protect your rifle in almost any hunting situation. The Caldwell Blind Bag is the answer when other types of support are unavailable or inappropriate. Quickly sets on any narrow, horizontal surface on your deer, turkey, or coyote blind, fence rails, tree limbs, even brick walls, or the side of your pickup box. Handy laces for secure attachment when necessary. Use several in your blind to cover all avenues of approach. The all-polyester bag is lightweight, easy-filling, and will not stretch or sag over time. The Blind Bag protects your valuable rifle from scratches and dents common when using expedient rests. The dark green color does not stand out and blends well with most any background. Narrow rest contour matches most sporter weight stocks.

Description	Unfilled #.....	MSRP	Filled #.....	MSRP
Hunter's Blind Bag.....	740-805	\$23.05	247-261	\$22.40

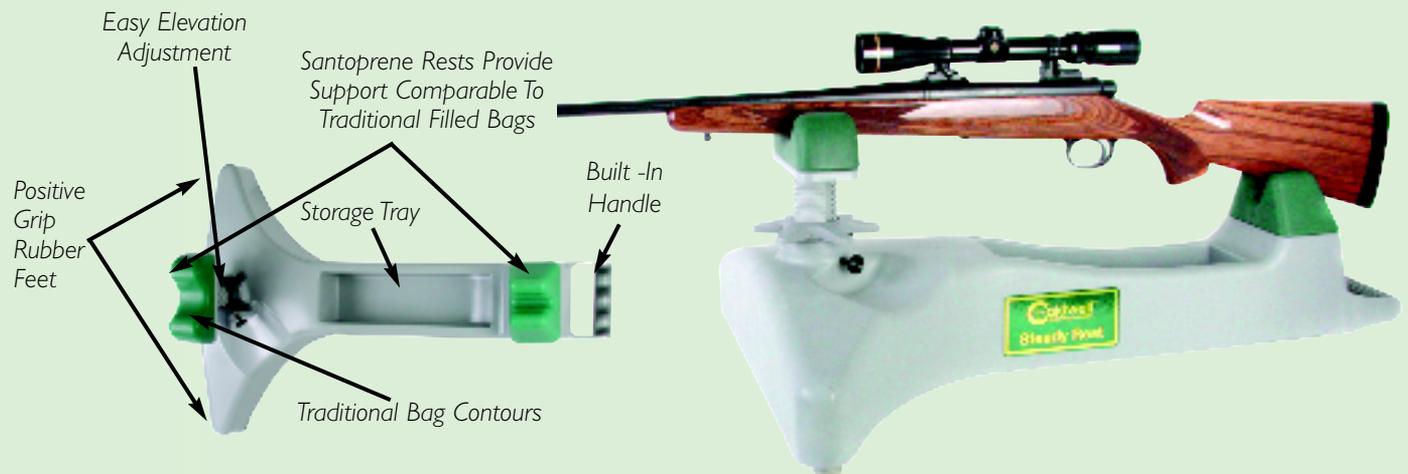
The Lead Sled

The Caldwell Lead Sled practically eliminates recoil! The "Sled" reduces punishment to your shoulder up to 90% by trapping recoil energy in the frame of the rest. That makes your time at the range more enjoyable and provides for faster, more precise sight-in and load development. The lack of felt recoil while shooting also puts an end to flinching. This prevents you from developing bad shooting habits that might cause problems in the field. Designed for all calibers but is especially effective on medium to large caliber rifles and shotgun slugs. Examples: 30-06 - frame only reduces recoil 66%; 12 gauge slug - one bag of lead shot reduces recoil 82%; 458 Win Mag - two bags of lead shot reduces recoil 89%. The user-friendly portable design includes an adjustable height front rest and large rubber feet. Uses Caldwell brand Front Bags. Filled Medium Deluxe Universal Front Bag included. Some assembly required. Patent pending.



Product # .820-216..MSRP \$156.78

The Steady Rest



The Caldwell Steady Rest combines all the features of a traditional shooting rest into one convenient and transportable unit. The lightweight, one-piece assembly offers stability and repeatability of shots and even comes with a carrying handle. Everything you need to shoot accurately from the bench can be carried in one hand, and can be set-up in a matter of seconds. The front bag elevation wheel provides 2-1/2" of finger-tip height adjustment. The integral front and rear bags offer performance comparable to conventional sand-bags, yet are amazingly durable, plus you never have to fill them. The front bag will accommodate most forend widths. The innovative "T" shape design of the base provides stability on any flat surface, and a convenient storage tray helps to organize your day at the range. Non-marring rubber feet allow its use on practically any surface.

Product #401-298.....MSRP \$50.40



Muley-Pod™

The Caldwell Muley-Pod completes your rifle's three-point stance, combining with your bipod or front rest for total support. Your rifle is effectively supported by a tripod. Lightweight, unobtrusive design attaches to your rifle's rear swivel stud to be there when it's needed. Works great for either right or left-hand use. Allows for continued use of your sling, but ready in an instant for support and fine elevation

adjustment. With the forend of your rifle supported by a rest or bipod, your non-shooting hand comes naturally to the adjusting sleeve of the Muley-Pod. Simply rotate the sleeve in either direction to make minute changes in elevation. No straining muscles to hold the same position for extended periods waiting for the perfect shot. Non-marring stock mount fits practically all stocks equipped with a sling swivel stud. Flat-bottomed foot features a non-slip surface to keep your rifle in place on almost any surface. Made of quality, high-strength aluminum, the Muley-Pod is weather resistant, sturdy, and dependable. Two heights: Standard - 5" to 7" (for use with prone bipods); Tall - 7" to 11" (for use with sitting bipods).

Description	Product #.....	MSRP
Standard, for use with prone bipods.....	118-450.....	\$36.94
Tall, for use with sitting bipods.....	159-926.....	\$39.20

Caldwell Bipods

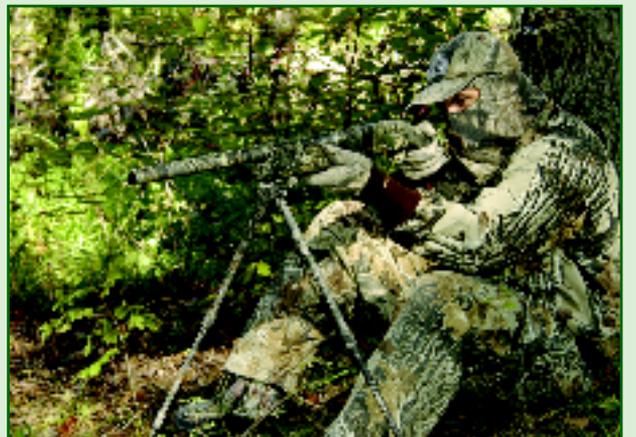


Caldwell Bipods are designed with all of the features necessary for steady, accurate shooting, regardless of the range. Easily attachable and detachable from the front swivel stud. Lightweight, rust-proof construction, built-in swivel (Left or right 20°) and cant (180° of available cant (tilt) in either direction) features allow precise rifle positioning without reestablishing the Bipod's legs. Two models allow you to adapt to any shooting situation, and fold forward when not in use.

Aluminum and glass-filled polymers make this Bipod virtually weatherproof, and quiet in operation compared to other brands. The Sitting Bipod weighs 15 oz, and adjusts from 14" to 30", permitting the shooter to fire from either the sitting or kneeling position. The Prone Bipod weighs 10.5 oz, and adjusts from 8-3/4" to 12", making it useful for shooting prone or from the bench. Both models are designed with a quick-detachable front swivel stud, allowing easy attachment of your favorite sling. Available in black or Mossy Oak® Breakup camo.



Prone Bipod (Black shown)



Sitting Bipod (Mossy Oak Breakup shown)

Description	Black.....	Mossy Oak® Breakup
MSRP	\$81.36.....	\$112.08
Sitting Bipod.....	335-235	369-432
MSRP	\$64.26.....	\$91.12
Prone Bipod.....	457-855	605-305

Caldwell™ Shooting Supplies



Tack Driver™

The most user friendly and effective shooting aid in the industry! One bag to take the place of two! The Tack Driver supports practically any forearm size and shape; shotguns and rifles. The Tack Driver Shooting Bag was engineered to overcome shortcomings and limitations of existing long bag designs. It features the innovative Caldwell non-stretching, non-sagging polyester; plus an added non-slip, non-marring material on the top and bottom that combine to offer you the most stable, secure, and rock solid shooting rest available. Use the Tack Driver almost anywhere, from portable and permanent shooting benches to expedient positions in the field, including vehicle hoods. The Tack Driver's long, self-tightening contact surfaces grip your rifle and aid in reducing muzzle jump and felt recoil. You will wonder how you ever lived without it. Available unfilled only.



Non-marring, gun-gripping material reduces muzzle jump and recoil.



The same material holds the Tack Driver securely on any surface.



Unobstructed downrange view.



Carry strap for convenience and portability

Product # 191-743 MSRP \$36.94



Deadshot™ Shooting Rests

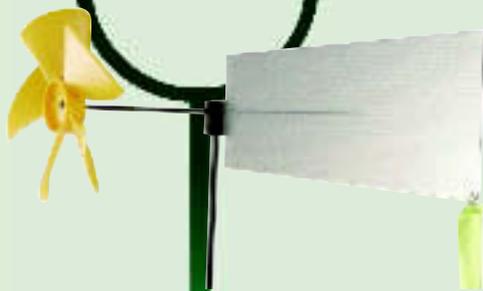
Every hunter and shooter has done it. You get all your gear ready and head to the range, only to remember you don't have a good method of resting your rifle while sighting-in. Our new Caldwell Deadshot Rests help you avoid this inconvenience. These inexpensive, pre-filled shooting bags offer you solid support in a system that is easy to transport. Just set it on top of the

shooting bench and start shooting! Made of durable, water-resistant 600 Denier polyester. Front Shooting Rest features a tough black leather top. Available filled only. Approximate dimensions of a filled front bag are 10" wide x 8-1/2" high x 6" deep. The front bag weighs approximately 8 pounds and the rear bag weighs approximately 1-1/2 pounds.

Description.....	Product #.....	MSRP
Deadshot Front Shooting Rest.....	516-620.....	\$20.36
Deadshot Rear Shooting Rest.....	640-721.....	\$14.84



Vector Wind Flag



The one variable that most greatly affects your precision rifle accuracy is the one over which you have the least control: the wind. Now, take charge of the wind with the Caldwell Vector Wind Flag. You'll be amazed how your groups will improve when using this product. Lightweight, sensitive, and durable, the Vector Wind Flag provides the features you need to read the wind at the range. The Vector assembly pivots easily and the broad vane provides you with visual clues to give you the absolute earliest indication of directional changes in the wind. Included with the Vector is a tail streamer which provides a reliable indicator of relative wind speed. Knowing both the direction of the wind and its relative velocity can put those

unexplained flyers back in their place, all in the same hole, helping load development accuracy. Use three flags to read the wind at 20, 40, and 70 yards. Instructions included.

Description.....	Product #.....	MSRP.....
1.....	589-560.....	\$24.62.....
3.....	429-836.....	\$56.00.....

Handy™ Shooting Rest



For sighting-in, target practice, or for informal plinking from the bench, nothing beats a shooting rest. The low-cost alternative to traditional steel and aluminum rests, the Handy Shooting Rest is lightweight and easily portable. The durable front bag is molded in the traditional contour of a filled leather bag and provides comparable support. The convenient elevation wheel offers 2-1/2" of vertical adjustment. Constructed of heavy-duty polymers, this rest will deliver years of service.



Product #.....	323-593.....	MSRP \$26.76.....
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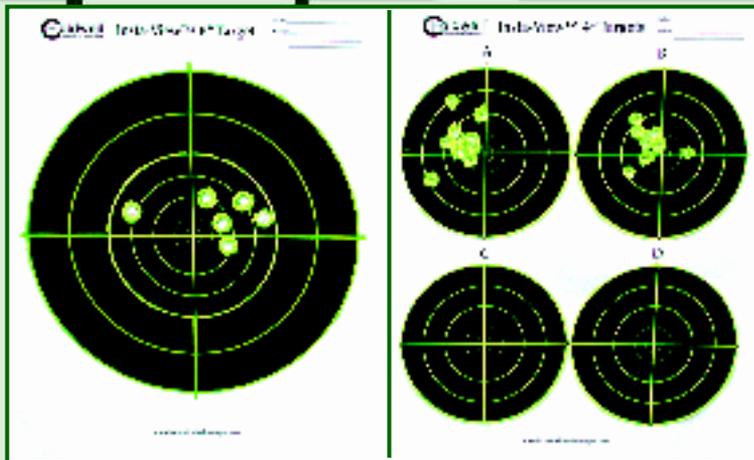


On Target™ Handgun Rest



With Caldwell's On-Target Handgun Rest, load development and sighting in have never been easier. The soft, over-molded cradle provides almost 4" of vertical adjustment and the soft over-molded hand support can be locked securely in five different horizontal positions. Made of heavy-duty polymers, this rest is both lightweight and built to stand up to years of hard use.

Product #.....	113-390.....	MSRP \$34.18.....
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Insta-View Targets

Do you have trouble seeing point of impact on traditional paper targets? Do you want instant visual feedback instead of searching for the hit? If so, then Caldwell Insta-View Targets are just the ticket! Upon bullet impact the black field instantly flakes off leaving a readily visible fluorescent yellow ring around the bullet hole. No more walking downrange to check your group. You can see it from the firing line! Great for both open sights and scopes, for all calibers, and all ranges. Available in 4" and 8" diameters.

Description	Product #	MSRP
Insta-View Targets 4", 40 Targets (10 sheets of 4 targets per sheet)	520-408	\$5.04
Insta-View Targets 4", 160 Targets (40 sheets of 4 targets per sheet)	489-417	\$16.78
Insta-View Targets 8", 10 Targets (10 sheets or 1 target per sheet)	544-646	\$5.04
Insta-View Targets 8", 40 Targets (40 sheets of 1 target per sheet)	187-070	\$16.78
Insta-View Assortment Pack, 5 of the 8" Targets & 20 of the 4" Targets (in 5 sheets)	296-442	\$5.04

Eyes and Ears

Why risk your sight and hearing when enjoying your favorite shooting sports? Caldwell Shooting Supplies now offers, Eyes & Ears, a one-package eye and ear protection system. So reasonably priced, everyone can afford these basic protective measures. The attractive, wrap-around shooting glasses are available in both clear and yellow. Both styles offer the same protection, while the yellow models improve contrast and aid the eyes to better focus on elusive targets. The exclusive design ear plugs feature a Noise Reduction Rating (NRR) of 30 dB, and are made of a comfortable, form-fitting foam which provides a custom-fit for every shooter. This custom-fit allows them to be worn for extended shooting sessions.



Description.....	Product #.....	MSRP
Clear Lenses	540-507	\$11.52
Yellow Lenses	189-476	\$11.52

TARGETS & TARGET ACCESSORIES

Plink N' Swing™ Action Swinging Targets

Shooting is just plain fun when you can see and hear the impact of your bullets. Next time you go to the range, take the Caldwell Plink N' Swing Targets. Both the swingers and frames are made of durable high-carbon steel to provide you with endless shooting fun.



Red Shooting Spots not included.
Sold separately (below).

Description	Product #	MSRP
Plink N' Swing 22 Rimfire	147-072.....	\$28.83
1-3/4", 2-1/2" & 3-1/2" targets		
Plink N' Swing Centerfire Handgun Double Spin	133-565.....	\$27.67
3" & 4-1/2" targets (for up to 45 ACP, 44 Special)		

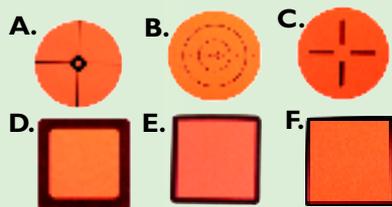
Target Stand

The Caldwell Portable Target Stand is the stoutest, go anywhere, target stand available on the market today. It is sturdy, yet lightweight, portable, and easily storable. Reasonably priced, practical, and convenient, it will make you the envy of everyone else at the range with your sturdy, wind resistant, portable target stand. Formed and welded from 5/16" steel, it sticks easily in even the hardest ground. The corrugated, plastic backing (included) provides a weather-resistant, long lasting, easily replaceable surface on which to attach your targets. Packaged with an assortment of 10 Caldwell Insta-View Targets, and a roll of Target Pastes to hold them in place, it's range-ready, right out of the box. 24" wide, 35" tall, and weighs less than 2-1/2 lbs.



Lightweight, go anywhere
Target Stand
sets up in seconds!

Description	Product #	MSRP
Target Stand	146-108	\$23.06
Replacement Target Backer, 3 Pack.....	186-425	\$11.19



Shooting Spots and Squares

The self adhesive Orange Fluorescent Spots and Squares provide increased visibility.

Description	Product #	MSRP
1" Fluorescent Orange Spots (100 each).....	311-885	\$3.45
2" Fluorescent Orange Spots (50 each).....	477-548	\$4.60
3" Fluorescent Orange Spots (50 each).....	378-740	\$5.76
5" Fluorescent Orange Spots (25 each).....	162-413	\$6.91
3" B-52 Fluorescent Orange Spots (50 each) (A).....	385-510	\$4.60
3" B-47 Fluorescent Orange Spots (50 each) (B).....	779-994	\$4.60
3" B-28 Fluorescent Orange Spots (50 each) (C).....	223-193	\$4.60
1" Fluorescent Orange Squares (100 each).....	785-026	\$3.45
2" Fluorescent Orange Squares (50 each).....	271-397	\$4.60
3" Fluorescent Orange Squares (50 each).....	473-392	\$5.76
1" C-1 Fluorescent Orange Squares (100 each) (D).....	588-977	\$3.45
2" C-2 Fluorescent Orange Squares (50 each) (E).....	278-427	\$4.60
3" C-3 Fluorescent Orange Squares (50 each) (F).....	177-658	\$4.60

Target Pastes

Reuse your targets with these self adhesive pasters. 500 3/4" square pasters per roll.

Description	Product #	MSRP
Black	559-286.....	\$4.60
White.....	106-061	\$4.60
Off-White	376-117.....	\$4.60
Brown	279-932.....	\$4.60
Combo	248-286.....	\$16.56

CoreLite™

Synthetic Stocks

RUGER 10/22 STOCKS



Your Ruger 10/22 never looked so good or performed so well! This stock was designed to provide a drop-in fit for your Ruger 10/22 action fitted with a .920" heavy barrel. It features positive checkering on the grip and forearm areas, and is engineered to provide ultimate balance and performance. The CoreLite Ruger 10/22 stock is light and durable, and comes with sling swivel studs and non-slip rubber recoil pad installed. Weighs 2 lbs. Does not fit Ruger 10/22 Magnum. Stock only. Does not include action, barrel, or scope.

Description.....	Product #	MSRP
Ruger 10/22 .920" Barrel Channel Phantom Black (Pictured)	492-648	\$60.94
Ruger 10/22 .920" Barrel Channel Mossy Oak® Breakup (Pictured).....	130-163	\$95.56

CORELITE™/ADAMS & BENNETT™ RUGER 10/22 COMBOS

We have combined our CoreLite Ruger 10/22 stocks with our Adams & Bennett Ruger 10/22 barrels to bring you both convenience and economy. Dress up your Ruger 10/22 with one affordable package. All the accuracy potential available of our Adams & Bennett barrels combined with the light weight, ruggedness, and great feel of CoreLite stocks in one package. All stocks feature a .920" barrel channel for a drop-in fit with the supplied barrel.

Material/Barrel Stock	18" Blued		18" Stainless Steel		18" Blued Fluted		18" Stainless Steel Fluted	
	Product #	MSRP	Product #	MSRP	Product #	MSRP	Product #	MSRP
CoreLite Phantom Black	130-329	\$172.02	720-925	\$205.19	243-703	\$239.39	125-407	\$264.58
CoreLite Mossy Oak® Breakup	348-756	\$219.92	593-121	\$254.65	351-778	\$273.59	343-697	\$311.30

BIPODS AVAILABLE ON PAGE 13

The New Caldwell Muley-Pod offers fingertip elevation adjustment and solid support.

GET THE MOST FROM YOUR RUGER 10/22!

BARRELS AVAILABLE ON PAGE 5

Adams & Bennett barrels offered in blue and stainless.

Caldwell Bipods are available in prone and sitting models. Black and camouflage.

MAUSER 98 STOCKS



The Mauser 98 stock from CoreLite is the most convenient stock ever made for sporterizing surplus and commercial Mauser 98 rifle actions! Available with two different barrel channels - F34 and F54 - making the stock a drop-in fit with threaded and short-chambered Adams & Bennett Barrels in those contours. There's no barrel channel inletting required. Just drop your barreled action into the stock, tighten the guard screws, and go to the range! Fajen® pioneered the development of stocks that were keyed for a drop-in fit with threaded, short chambered barrels. CoreLite has pioneered the same concept in synthetic stocks! Military Mausers with the original stepped barrel will fit F34 stocks with removal of the rear sight band and minor fitting. Available in Phantom Black or Mossy Oak® Breakup (Mossy Oak in F34 barrel contour only). Note: If the original bolt handle has been bent down or replaced, it will be necessary to "rasp-in" a bolt handle notch in the stock. Weighs 2.4 lbs. Stock only. Does not include action, barrel or scope.

Description.....	Product #	MSRP
Mauser 98 F34 Barrel Channel Phantom Black	485-692.....	\$60.96
Mauser 98 F34 Barrel Channel Mossy Oak® Breakup (Pictured)	133-264	\$95.56
Mauser 98 F54 Barrel Channel Phantom Black (Pictured).....	398-406.....	\$60.96

CORELITE™ /ADAMS & BENNETT™ MAUSER COMBOS

We have combined our Phantom Black CoreLite Mauser 98 stocks with a selection of blued chrome-moly Adams & Bennett Mauser 98 threaded barrels in the most popular calibers. Stock barrel channel matches the barrel contour, making your conversion simple and straightforward. See page 4. for barrel specifications.

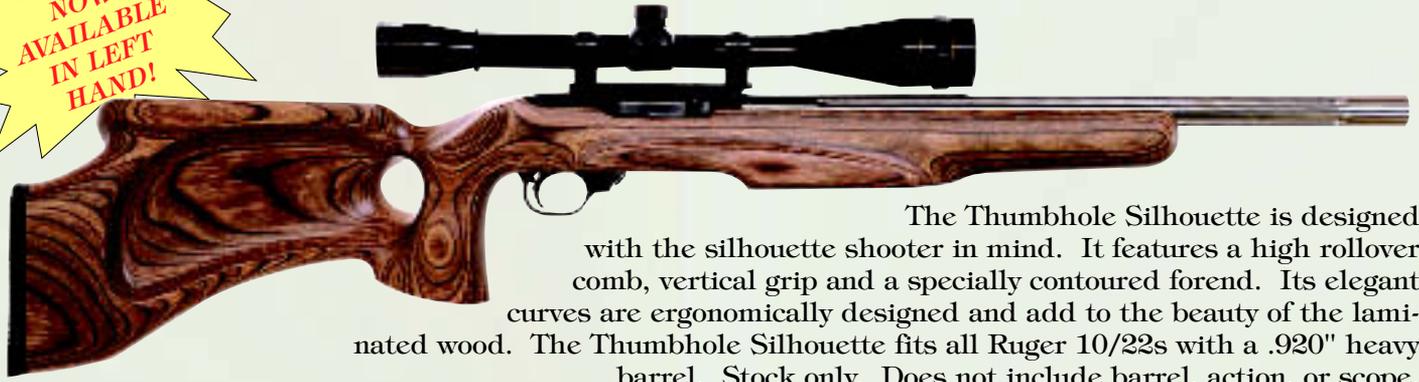
Stock MSRP	Caliber	Twist Rate	Barrel Contour	
			F34 Chrome Moly \$195.98	F54 Chrome Moly \$195.98
Phantom Black	22-250 Remington	1-8"	195-850	462-090
Phantom Black	243 Winchester	1-10"	731-511	
Phantom Black	257 Roberts	1-10"	438-677	
Phantom Black	25-06 Remington	1-10"	369-400	
Phantom Black	6.5 x 55 Swedish Mauser	1-9"	271-585	
Phantom Black	270 Winchester	1-10"	589-594	
Phantom Black	280 Remington	1-9.5"	242-067	
Phantom Black	308 Winchester	1-10"	120-682	
Phantom Black	30-06 Springfield	1-10"	116-457	
Phantom Black	338-06	1-10"	108-083	
Phantom Black	35 Whelen	1-14"	145-876	

Fajen[®] Inc.

The First Name
in GunstocksSM

Thumbhole Silhouette[®] for Ruger 10/22 and 10/22 Magnum

**NOW
AVAILABLE
IN LEFT
HAND!**

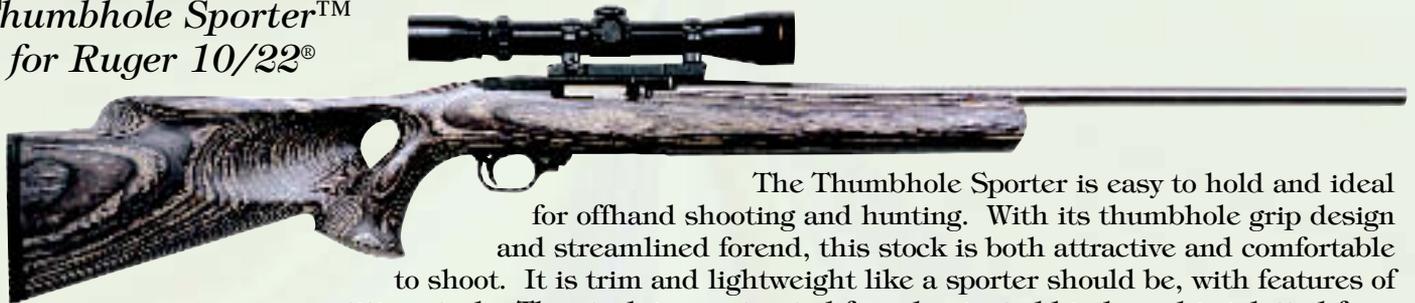


The Thumbhole Silhouette is designed with the silhouette shooter in mind. It features a high rollover comb, vertical grip and a specially contoured forend. Its elegant curves are ergonomically designed and add to the beauty of the laminated wood. The Thumbhole Silhouette fits all Ruger 10/22s with a .920" heavy barrel. Stock only. Does not include barrel, action, or scope.

Coffee # Midnight # MSRP

Thumbhole Silhouette Ruger 10/22 Unfinished Drop-In.....	607-981	771-022.....	\$167.32
Thumbhole Silhouette Ruger 10/22 Finished Drop-In (Coffee Pictured)....	395-482	123-117.....	\$226.58
Thumbhole Silhouette Ruger 10/22 Finished Drop-In, Left Hand.....	108-148	458-903.....	\$226.58
Thumbhole Silhouette Ruger 10/22 Magnum Finished Drop-In	587-973	N/A.....	\$226.58

Thumbhole Sporter[™] for Ruger 10/22[®]



The Thumbhole Sporter is easy to hold and ideal for offhand shooting and hunting. With its thumbhole grip design and streamlined forend, this stock is both attractive and comfortable to shoot. It is trim and lightweight like a sporter should be, with features of a competition stock. The stock is constructed from laminated birch, and is inletted for a drop-in fit with a .920" heavy barrel. It does not fit the Ruger 10/22 Magnum. Stock only. Does not include barrel, action, or scope.

Coffee # Midnight # MSRP

Thumbhole Sporter Ruger 10/22 Unfinished Drop-In	418-682	210-047.....	\$167.32
Thumbhole Sporter Ruger 10/22 Finished Drop-In (Coffee Pictured)	164-476	105-478.....	\$226.58

Stock and Barrel Combos

We have combined our Fajen Ruger 10/22 thumbhole stocks with our Adams & Bennett Ruger 10/22 barrels to bring you both convenience and economy. All the accuracy potential available of our Adams & Bennett barrels combined with the beauty, style, and great feel of Fajen stocks in one attractive, shelf-friendly package. All stocks are finished and feature a .920" barrel channel for a drop-in fit with the supplied barrel. 22 Long Rifle only.

Stock Style	18" Blued \$333.42	18" Stainless Steel \$349.34	18" Blued Fluted \$378.30	18" Stainless Steel Fluted \$421.16
Thumbhole Silhouette, Coffee, Finished	525-007	602-206	145-744	186-051
Thumbhole Silhouette, Midnight, Finished	273-565	460-938	791-185	497-858
Thumbhole Sporter, Coffee, Finished	204-974	598-601	457-465	211-930
Thumbhole Sporter, Midnight, Finished	102-860	713-280	452-407	435-880

Fajen[®] Inc.

*The First Name
in GunstocksSM*

Ace Varminter™ For Mauser 98 and Remington 700 Short Action



The Ace Varminter is the premier varmint stock, combining useful features with sleek, high-tech design. It sports a high Monte Carlo comb with cheekpiece, a pistol grip with double palm swells and functional cooling vents. A free-floating barrel channel enhances accuracy, while the laminated birch construction ensures stability. The barrel channel for the Mauser is designed for the Adams & Bennett F54 barrel. Remington 700 models are designed to fit factory varmint barrels, Adams & Bennett F54 Replacement Barrels, or the heavy contour barrels offered by custom barrel makers. The Remington 700 models feature aluminum pillars. These accuracy-enhancers free your barreled action from small changes in stock dimensions due to changes in temperature and humidity. The accuracy of a synthetic with the feel of wood! Stock only. Does not include action, barrel, or scope.

	Coffee #	Midnight #	MSRP
Ace Varminter Mauser 98 Finished Drop-In* (Midnight Pictured)	710-290	604-807	\$185.72
Ace Varminter Mauser 98 Unfinished Drop-In*	698-254	313-417	\$169.99
Ace Varminter Remington 700 BDL Short Action Finished Drop-In	109-373	386-036	\$232.76

* Customer must rasp in the bolt handle notch.

Walking Varminter™ For Mauser 98



The Walking Varminter is the perfect balance of features found on both traditional hunting rifle stocks and typical varmint stocks. It is the varmint stock designed for the rifle that is meant to be carried. It features a high Monte Carlo comb and cheek piece, which is ideal for shooting prone or from a bipod, combined with a narrower, trimmer forend to make it lighter and easier to carry. Stock only. Does not include action, barrel, or scope.

	Coffee #	Midnight #	MSRP
Walking Varminter Mauser 98 Finished Drop-In (Coffee Pictured)*	618-598	298-575	\$187.98

* Customer must rasp in the bolt handle notch.

CASE PREPARATION PRODUCTS

Clean, attractive brass should be the goal of every reloader.

Cleaning brass by tumbling is the economical,

safe first step in assembling quality

handloads. Besides ensuring long

life for the most valuable compo-

nent of your ammunition, cleaning

your brass will help reduce wear

and tear on your expensive reload-

ing dies, not to mention the cham-

ber of your firearm. Grit and grime

from uncleaned brass can become

imbedded in the inner surfaces of

your sizing dies, scratching and marring every subsequent case. The same grime can be expected to accelerate wear in the chamber and feeding system of your rifle or handgun.



Case Tumbler

The Frankford Arsenal Case Tumbler provides a quick, easy, and economical means to clean your brass. Used in conjunction with Frankford Arsenal Walnut and Corn Cob Medias, the Case Tumbler removes fouling, lube, and oxidation quickly and conveniently. It will hold up to 600 9mm or 350 223 cases.

Description.....	Product #	MSRP
Case Tumbler (C.).....	892-696.....	\$58.28
International Case Tumbler - 220V	364-408	\$58.28
Extra Bowl for Case Tumbler	434-437.....	\$12.82
Clear Lid for Case Tumbler.....	794-087	\$7.83
Quick-Release Case Tumbler Nuts	258-812	\$7.83
<i>2 with washers</i>		
Tumbler Convenience Kit.....	405-408.....	\$13.71
<i>Contains Clear Tumbler Cover, 2 quick-release nuts with washers</i>		
Bucket with Lid	130-895.....	\$9.98
<i>3-1/2 gallon</i>		



Case Tumbler with Rotary-7 Media Separator

Includes Case Tumbler (C.), Rotary-7 Media Separator (G.), 8 oz Brass Polish (D.), 3 lbs Corn Cob Media, and 3-1/2 Gallon Bucket (H.).

Description.....	Product #	MSRP
Case Tumbler with		
Rotary-7 Media Separator	305-556.....	\$97.56
Case Tumbler with		
Rotary-7 Media Separator (220V).....	227-332.....	\$108.44

Rotary-7 Media Separator

Includes Rotary-7 Separator with Bucket Adapter (G.), 3-1/2 Gallon Bucket (H.).

Product #	120-723.....	MSRP \$27.98
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Rotary Media Separator without Bucket

Includes Rotary Separator and Bucket Adapter (G.).

Product #	745-210.....	MSRP \$23.99
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Standard Media Separator

Sits conveniently on top of most 3-1/2 or 5 gallon plastic buckets. Side walls are 4-3/4" in height, giving it the capacity to hold a tumbler full of brass and media. Perforated bottom lets the media fall through, leaving clean brass behind.

Description.....	Product #	MSRP
Standard Media Separator (F.).....	121-925.....	\$9.56

Cleaning and Polishing Supplies

Corn Cob Media	Product #	MSRP
4.5 lbs in reusable plastic container (A.).....	287-178.....	\$14.32
7 lb Box.....	108-729.....	\$12.31
15 lbs in 3-1/2 gallon bucket.....	687-756.....	\$21.06
Treated Corn Cob Media	Product #	MSRP
4.5 lbs in reusable plastic container	194-524.....	\$16.23
Walnut Hull Media	Product #	MSRP
5 lbs in reusable plastic container (B.).....	881-538.....	\$16.21
18 lbs in a 3-1/2 gallon bucket.....	636-314.....	\$21.98
Treated Walnut Hull Media	Product #	MSRP
5 lbs in reusable plastic container	347-338.....	\$17.47
7 lb Box.....	331-177.....	\$12.87
Brass Polish	Product #	MSRP
8 oz Bottle (D.)	887-335.....	\$8.68
32 oz Bottle (E.).....	321-901.....	\$27.30
Technical Grade Moly	Product #	MSRP
8 oz Jar	892-369.....	\$16.79
Technical Grade Moly Deluxe Pack	610-434.....	\$34.62
<i>Includes 8 oz Technical Grade Moly and 2 Tumbler Bowls</i>		

CASE PREPARATION TOOLS

Sudden Impact 8-Second Bullet Puller

Impact-type Bullet Pullers are the most convenient means of separating and salvaging components, whether it's surplus military ammo, questionable loads, or for whatever reason. The New Frankford Arsenal Sudden Impact 8-Second Bullet Puller features a lightweight, ergonomic handle design that is not only effective, but reduces fatigue. The new design cap features quick push and quarter-turn lock system. No more screwing the cap several rotations in each direction for every cartridge. Three different color-coded Collet Sets are included allowing you to pull bullets from just about every caliber from 22 Hornet to 45-70, whether rimmed or rimless. Don't wait until you need it! Replacement collets are also available.



Collet Sets

New, all-synthetic color-coded Collet Sets for the Frankford Arsenal Sudden Impact 8-Second Bullet Puller. Tough, Zytel® Collets are as durable as aluminum, but easier to handle, and the color-coding lets you recognize the correct set at a glance. These Collets are designed to be used in the new Frankford Arsenal Sudden Impact Bullet Puller and the previous model. Sold in sets of three complete Collets.

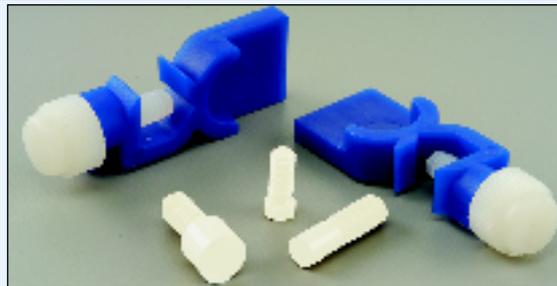
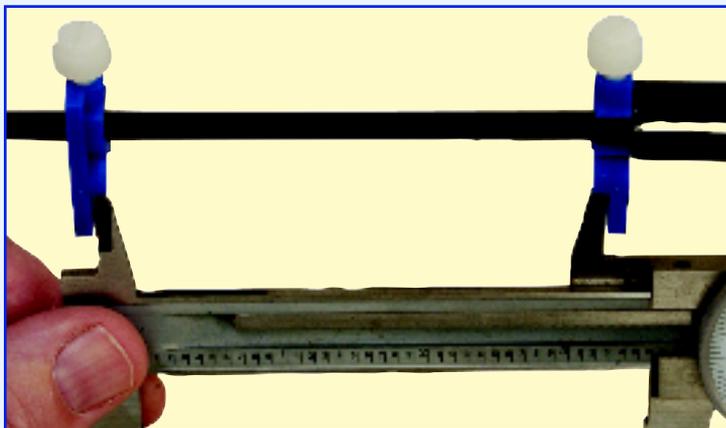
Product #101-692.....MSRP \$16.10

Product #127-020.....MSRP \$4.47



Frankford Arsenal Cartridge Overall Length Gauge

If you have a cleaning rod and a set of calipers, you can now determine the optimum OAL for any bullet in less than two minutes. This simple kit consists of two clamps that easily attach to any cleaning rod, 1/4" in diameter, or less. Simply install the appropriate size tip on the end of your cleaning rod, insert the cleaning rod to the bolt face, install one clamp, remove the bolt and drop in a bullet (projectile only) into the chamber. Hold the bullet against the rifling with a pencil, touch the bullet tip with the cleaning rod tip and install the other clamp. Now measure the inside distance between the two clamps with a calipers and record, or use as a gauge to check the seating depth set-up during your reloading sequence. Works on all rifles. Complete instructions are included.



Product #965-887.....MSRP \$16.78

Vibra-Prime Primer Tube Filler



Advances in progressive loading presses have made it possible for the average reloader to load large quantities of ammunition in a relatively short time. However, one facet of the process, filling primer transfer tubes, continues to be slow and tedious. Until Now. The Frankford Arsenal Vibra-Prime Primer Tube Filler brings this monotonous process into the 21st century. This revolutionary tool gets the job done in seconds. There are three simple steps to the process, (1) orient the primers in the flipper tray, (2) insert the flipper tray and transfer tube into the handle, and (3) pull the trigger. Nothing could be easier. The Vibra-Prime will save you hours at the reloading bench.



- Fills primer tubes in seconds
- Filled primer tubes easily transfer to Dillon®, RCBS® or Hornady® progressive presses (Hornady® tubes require minor modification)
- One unit works for both small and large primers
- Lightweight, handheld design •Battery operated (2 AA batteries included)
- A great time saver at the reloading bench
- Portable, handheld design is a real convenience

Description	Product #	MSRP
Vibra-Prime Primer Tube Filler	545-199	\$46.12
<i>Includes the Vibra-Prime, One Small Primer Tube and Adapter, one Large Primer Tube and Adapter, Primer Tray, and Batteries</i>		
Primer Trays	677-746	\$15.46
Large Primer Tubes with Adapters	141-613	\$15.46
Small Primer Tubes with Adapters	716-587	\$15.46

Perfect-Fit Reloading Trays

If you have ever used a "one size fits all" reloading tray, you quickly realize that one size does not fit all very well. Frankford Arsenal Perfect-Fit Trays are sized for individual calibers or a family of calibers for a precise fit. Perfect-Fit trays are an essential tool for reloading efficiency and organization. Twelve tray sizes are available for 25 ACP through 500 Nitro. Each tray holds 50 cases (tray number 9 holds 45). A lip around the outside edge provides a sure grip on the tray.

Rifle	Caliber	Tray #	Caliber	Tray #	Caliber	Tray #
17 Remington	30 Remington	4	40-82 WCF	8	10mm Auto	4S
22 Hornet	30-30 Winchester	6	405 Winchester	7	41 Magnum	6
218 Bee	300 Savage	5	416 Remington Mag	7	44 Special/Magnum	6
221 Remington	30-40 Krag	7	416 Weatherby Mag	8	44-40 WCF	6
222 Remington	308 Winchester	5	44-40 WCF	6	445 Super Mag	6
223 Remington	30-06 Springfield	5	444 Marlin	6	45 ACP	5S
22-250 Remington	300 WSM	7	45-70 Government	8	45 Colt	6
220 Swift	300 H&H	7	450 Marlin	7	454 Casull	6
6mm PPC	300 Winchester Mag	7	45 Sharps	8	45 Auto Rim	6
243 Winchester	300 Ultra Mag	7	458 Winchester Mag	7	45 Winchester Mag	5
6mm/244 Remington	300 Weatherby Mag	7	460 Weatherby Mag	8	480 Ruger	7
25-20 WCF	303 British	7	470 Nitro	9	475 Linebaugh	8
257 Roberts	7.62x39	4	50-70 Government	9	50 AE	7
250 Savage	7.62x54R Russian	8	500 Nitro	9		
25-06 Remington	32-20 WCF	4S				
6.5x55mm	32-40 WCF	6				
Swedish Mauser	32 Winchester Spl	6				
264 Winchester Mag	8x57 Mauser	5				
270 Winchester	8mm Remington Mag	7				
270 WSM	33 WCF	8				
7mm BR	338 Winchester Mag	7				
7mm-08	338 Ultra Mag	7				
7x57 Mauser	348 Winchester	8				
284 Winchester	35 Remington	5				
280 Remington	35 Whelen	5				
7mm Remington Mag	375 Winchester	6				
7mm Weatherby Mag	375 H&H Mag	7				
7mm WSM	378 Weatherby Mag	8				
7mm Remington Ultra Mag	38-55 WCF	6				
30 M1 Carbine	38-56 WCF	8				
	40-65 WCF	8				

MSRP \$4.98 ea.	Product # ...	Tray #
	335-196	1
	695-795	2
	292-930	2s
	824-257	3
	163-246	4
	853-739	4s
	844-786	5
	153-092	5s
	713-498	6
	663-641	7
	290-487	8
	250-083	9



Description	Product #	MSRP
12-pack	526-763	\$54.58
<i>1 each of all 12 Perfect-Fit Trays</i>		
Rifle Pack	122-119	\$28.98
<i>2 each #2, 5, 7</i>		
Pistol Pack	391-443	\$28.98
<i>#5s, 4, 3, 6, 4s, 2s</i>		



Plastic Ammo Boxes

See-through plastic ammo boxes make storing and identifying your reloaded ammunition a snap. Available in 3 different colors and twelve different sizes to fit most calibers. Our system allows you to get organized and stay organized! Our ammo boxes fit a full variety of calibers, often many more than the description allows for. Please refer to the chart at the left to determine which box is appropriate for your application. Sold in 10-pack cartons only.

Rifle50 rd. 20 rd.	Rifle (continued)50 rd. 20 rd.
17 Remington505	338 Lapua Mag511211
22 Hornet.....504	340 Weatherby Mag511211
22 Remington Jet504	338 Remington Ultra Mag...511211
218 Bee.....504	35 Remington.....509209
221 Remington504	350 Remington Mag.....511211
222 Remington.....505	35 Whelen.....510210
223 Remington.....505	375 H&H Mag.....511211
222 Remington Mag.....505	375 Remington Ultra Mag...511211
22-250 Remington509209	378 Weatherby Mag.....511211
220 Swift509209	38-40 WCF507
243 Winchester509209	404 Jeffrey511211
6mm Remington509209	405 Winchester.....510210
240 Weatherby Mag210210	416 Taylor.....511211
25-20 WCF.....503	416 Rigby511211
257 Roberts.....509209	444 Marlin.....509209
250 Savage.....509209	45-70 Govt.....509209
25-06 Remington.....510210	45-90 WCF511211
6.5mm Swedish Mauser510210	45-110 Sharps.....511211
6.5mm Remington Mag511211	458 Winchester Mag.....511211
270 Winchester510210	Pistol50 rd. 20 rd.
270 Weatherby Mag511211	25 ACP.....501
7x57 Mauser510210	32 ACP.....501
7mm BR.....509209	32 S&W/32 S&W Long.....501
7mm-08.....509209	32 H&R Magnum503
280 Remington.....510210	380 Auto501
7mm Remington Mag511211	9x19mm Luger501
7mm Remington Ultra Mag...511211	9x18 Makarov.....501
7mm Remington	38 S&W.....503
Short Ultra Mag.....511211	38 Special.....503
30 M1 Carbine.....504	38 Super.....503
30 Remington.....509209	357 Magnum503
30-30 Winchester509209	357 Maximum505
300 Savage.....509209	357 Auto Mag.....507
30-40 Krag510210	10mm Auto.....508
308 Winchester509209	40 S&W.....508
30-06 Springfield.....510210	41 Long Colt.....507
300 H&H Mag.....511211	41 Magnum.....507
300 Winchester Mag.....511211	44 S&W Russian507
300 Ultra Mag511211	44 Colt.....507
300 Remington	44 Special.....507
Short Ultra Mag.....511211	44-40 WCF507
300 WSM.....511211	44 Magnum.....507
300 Weatherby Mag.....511211	445 Super Mag.....509209
303 British510210	44 Auto Mag.....507
7.62x39mm509209	45 S&W Schofield.....507
32-20 WCF.....503	45 ACP.....507
32 Winchester Spl.....509209	45 Auto Rim.....508
8x57 Mauser510210	45 Colt.....507
8mm Remington Mag511211	45 Winchester Magnum.....507
338 Winchester Mag.....511211	454 Casull507
338 Remington Ultra Mag...511211	

50-Round Hinge-Top Boxes 10-Pack Carton

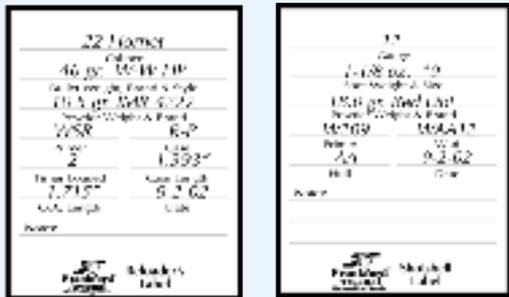
Box #	Color			MSRP
	Blue	Gray	Red	
501	114-596	340-663	600-101	\$10.20
503	642-557	354-668	130-120	\$11.02
504	698-582	441-440	704-493	\$18.04
505	690-047	264-395	781-525	\$13.12
507	349-962	398-657	816-979	\$12.80
508	718-498	860-416	123-131	\$12.08
509	160-880	122-804	805-597	\$16.00
210	513-329	450-302	614-984	\$17.66
511	162-882	803-479	153-316	\$23.12

20-Round Slip-Top Boxes 10-Pack Carton

Box #	Color			MSRP
	Blue	Gray	Red	
209	533-573	351-167	423-056	\$15.10
210	184-625	151-242	630-521	\$15.92
211	877-991	227-289	800-456	\$16.50

Peel & Stick Reloader's Labels

These Peel & Stick Labels help you record all of the important data about your pistol, rifle, or shotgun handloads for future reference and replication. These labels have an adhesive which makes them easy to remove. Works great with plastic ammo boxes.



Description	Product #	MSRP
Pistol & Rifle Reloader's Labels 100 pack	202-364	\$8.95
Shotshell Reloader's Labels 100 pack	494-300	\$8.95

Case Neck Micrometer

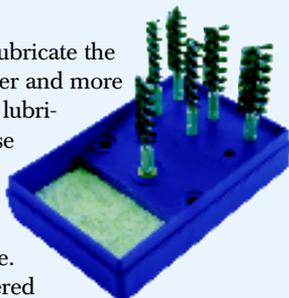
When accuracy is the issue, all aspects of the cartridge case must be considered. Concentricity of the case neck is a prime consideration. Inconsistent neck wall thickness will cause the seated bullet to be misaligned with the bore. To measure neck thickness, you need a measuring tool designed specifically for this task. The Frankford Arsenal Case Neck Micrometer measures neck thickness to .0001".



Description.....	Product #	MSRP
Case Neck Micrometer.....	107-083	\$39.99

Case Neck Lubricator

Using fine powdered mica to lubricate the inside of the case mouth is faster and more convenient than using a liquid lubricant. After the body of the case has been lubricated, simply dip the case mouth in the mica, run it over the brush, and it is ready for the sizing die. Includes 1/10 oz of fine powdered mica.



Description.....	Product #	MSRP
Case Neck Lubricator.....	132-530	\$11.06
Fine Powdered Mica 4 oz Jar	757-780	\$9.14
Fine Powdered Mica 1 lb Jar	279-094	\$22.39
Fine Powdered Mica 10 lb Jar	443-481	\$39.98

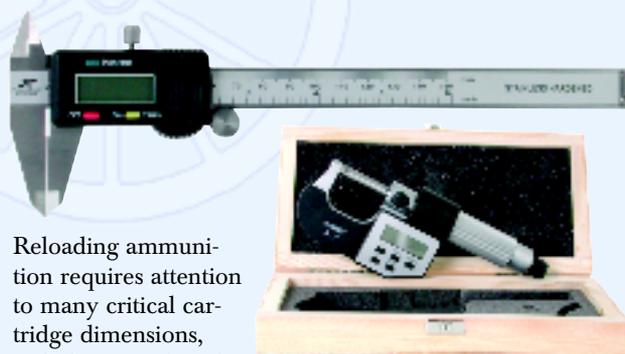
Case Lubricants

These convenient, fast-drying liquids provide quick lubrication of the case body before resizing. Available in pump or aerosol.



Description.....	Product #	MSRP
6 oz Aerosol.....	466-717	\$8.04
8 oz Spray Pump.....	460-478	\$9.04

Calipers and Micrometers



Reloading ammunition requires attention to many critical cartridge dimensions, including case length, neck and base diameters, overall length, primer pocket depth, etc. Verifying these dimensions is quick and convenient with the Frankford Arsenal Calipers and Micrometers. The calipers are accurate to within .001" and the Micrometers are accurate to within .0001". The calipers allow you to measure inside and outside diameters, plus depths. You will find them useful for many measuring tasks on and off the reloading bench. Packaged in a convenient, protective case.

Description.....	Product #	MSRP
Stainless Steel Dial Caliper	516-503	\$30.54
Stainless Steel Metric Dial Calipers	238-369	\$33.59
Electronic Micrometer.....	501-293	\$54.60
Economy Electronic Calipers	672-060	\$54.00

Max Trim Length Gage Set

Frankford Arsenal Max Trim Length Gages help the most demanding shooters and reloaders determine the true length of their rifle's chamber. Avoid trimming your cases shorter than necessary. Excessive trimming can adversely affect the critical tension between bullet and case neck, and can expose the neck area of the chamber to erosion. These Max Trim length Gages help to measure the exact distance from the bolt face to the end of the neck of the chamber in most bolt action or single shot centerfire rifles. Loading manuals publish a SAAMI-based trim length, that may be as much as .030" shorter than your rifle's actual chamber length. These Gages are softer than barrel steel so they will not damage your chamber, and can be used over and over. Quicker, easier, and more convenient than making chamber casts. Offered as a set in nine calibers: 17, 22, 24 (6mm), 25, 26 (6.5mm), 27, 28 (7mm), 30, 338.



Max Trim Length Gage Set of 9.....	525-011.....	MSRP \$27.99
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Max Cartridge Gages

Check the dimensions of your ammunition before a match or going to the field. These gages are made to maximum specifications as established by Sporting Arms and Ammunition Manufacturer's Institute. A loaded round of ammunition should slip freely into the gage. If it doesn't, one of its critical dimensions exceeds maximum. Available separately or in handy kits for pistols, revolvers, and rifles.



Pistol	Product #	MSRP
380 Auto	183-699	\$11.19
9x19 Luger	431-329	\$11.19
38 Super	708-078	\$11.19
40 S&W	488-848	\$11.19
10mm	779-986	\$11.19
45 ACP	539-218	\$11.19
Max Cart Gage Set of 6	763-873	\$57.07
Revolver	Product #	MSRP
38 Special	703-402	\$11.19
357 Magnum	264-477	\$11.19
41 Magnum	437-140	\$11.19
44 Special	107-889	\$11.19
44 Magnum	481-104	\$11.19
45 Colt	748-483	\$11.19
Max Cart Gage Set of 6	670-220	\$57.07
Rifle	Product #	MSRP
223 Remington	299-917	\$15.99
30-06 Springfield	102-233	\$15.99
308 Winchester	226-447	\$15.99
Max Cart Gage set of 3	321-287	\$40.77

Bullet Mold Cleaner

Prepare your bullet molds for casting the modern way. No more scrubbing with soap and water. No casting dozens of bullets before the preservative oils are burned away. Non-flammable formula. Safe to use on hot or cold molds. Can be used on iron, aluminum, or brass bullet molds. Dries in seconds. Contains no CFC's and does not deplete the ozone in the upper atmosphere.



Product #859-292MSRP \$8.99

Drop Out



The modern way to "smoke" your bullet molds. Applied to the cavities of a cold, clean bullet mold, Frankford Arsenal Drop Out literally allows the just-cast bullets to "drop-out" with no tapping or pounding.

Product #763-758MSRP \$8.69

Reloading Stand

Mount a press, a powder measure, a trimmer, or almost any reloading tool on this portable reloading stand. The removable 9" x 9" top plate can be drilled for a variety of applications (templates for popular presses included) and the two side bins will hold components or tools to suit the task.



Description	Product #	MSRP
Portable Reloading Stand	155-024	\$62.19
Extra Top Plate for Reloading Stand	188-071	\$15.99
Spare Bin for Reloading Stand	525-752	\$5.59

Jiffy Trickler™

"Match-grade" powder charges have never been easier. Drop the charge from your powder dispenser a little light, then use the Jiffy Trickler to bring it up to the exact weight in an instant. Works with all smokeless powders. Two "AA" batteries (not included) will trickle thousands of rounds.



Product #825-841MSRP \$29.16

Powder Funnel

Sixteen quick-change, caliber specific nozzles, 17-45 caliber, to minimize powder spillage.



Product #832-516MSRP \$17.91

CleanCast® Lead Fluxing Compound

Lead fluxing made easy. No more using rosin, paraffin, tallow, bullet lube, and other homemade concoctions. CleanCast is non-smoking, odor-free, and it really works. Only a small amount is necessary to prepare even a 20 pound lead pot for bullet production. Separates dross from your valuable bullet alloy and improves the consistency of the melted lead to eliminate variability during your casting session.



Product #441-888MSRP \$10.07

Miles Gilbert™

Fine Stockmaking Supplies

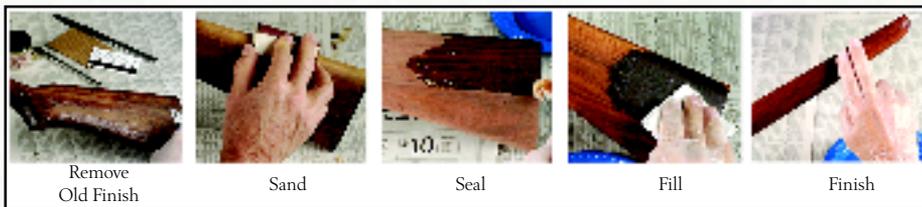
Stockmaking Supplies

Stockmaking supplies and accessories are the core of the Miles Gilbert offering. Starting with selected custom stockmaking accessories, it is our plan to offer a complete line of quality tools, equipment, and accessories to serve both the amateur and professional stockmaker.

Miles Gilbert Advanced Stock Re-Finish Kit Formula #5

Refinishing a gunstock can be a satisfying and rewarding experience. Removing the years of wear or neglect and replacing them with a beautiful, durable finish with your own hands provides a deep sense of fulfillment, and may increase the value of your favorite firearm. The Miles Gilbert Gunstock Re-Finish Kit matches the very finest finishing materials and supplies with an easy to follow, professionally produced instructional DVD to allow even the first-time user the opportunity to produce a masterpiece. Formula #5 Classic American Oil Finish is the absolute top of the line hand-applied oil finish for walnut gunstocks. It creates a tough, protective, yet attractive appearance that includes options for low, medium or high gloss. We recommend this kit for all hunting and target guns. Kit includes finish remover, sandpaper, sealer, filler with stain, finish and polishing compounds, and the instructional DVD. Printed instructions are available at our web site, www.milesgilbert.com.

Description	Product #	MSRP
Stock Re-Finishing Kit	139-021	\$30.22
Formula #5 Classic American Oil Finish	836-770	\$6.67
Finish Remover	618-231	\$7.60



- Designed especially for walnut gunstocks.
- Everything you need for a beautiful, professional finish.
- Easy-to-follow, professionally-produced DVD.

Bedrock™ Epoxy-Bedding Kit

Miles Gilbert Bedrock is the choice to unlock the accuracy potential of your rifle. A rifle's accuracy is dependent on the fit of its barreled action to its stock. Bedrock makes your rifle's stock and metal components fit together to eliminate shift and pressure points caused by recoil and changes in temperature and humidity. Removing the contact points of the stock where the barreled action meets, and replacing them with Bedrock assures you of a perfect, stress-free fit. The stock and barreled action becomes a unit, not just two components fitting arbitrarily together. Ideal for wood, laminated, and synthetic stocks, the Bedrock Kit contains all the necessary components to achieve the perfect fit: 2 oz each of Resin and Hardener, Release Agent with two applicators, Measuring Spoons and Mixing Cups, brown and black dyes, Microballoons for customizing the viscosity, modeling clay, surgical tubing, and the most comprehensive, illustrated instructions ever offered to take you from start to finish with your bedding project. With a 24-hour cure, you're only a day away from a perfect fit and a more accurate rifle.

For use with wood or synthetic stocks, 30 minute working time, 24-Hour Full Cure.

Kit Includes:

- 4 oz Bedrock (2oz resin, 2oz hardener)
- Brown and Black dye for wood or synthetic gunstocks
- 2 fl oz Microballoons
- 3 Mixing Cups
- 3 Mixing/Applicator Sticks
- Release Agent
- 2 Release Agent Applicators
- Modeling Clay
- Surgical Tubing
- Illustrated Instruction Booklet



Product #190-274MSRP \$17.48

Miles Gilbert™

Fine Stockmaking Supplies

**Includes
Instructional
DVD!**

Learn to Checker Kit

Transform your ordinary stock into one that is truly unique, and a reflection of your skill and artistry. The Miles Gilbert Learn to Checker Kit gives you the means to carry your stock to its next level of beauty and utility. The Learn to Checker Kit is the finest, most complete checkering kit available. The Kit takes you from start to finish in learning the basic skills of establishing the pattern, laying it out, and applying checkering with the most well engineered tools and a comprehensive, professionally produced instructional DVD. This easy-to-follow and detailed DVD provides you with the know-how needed to produce checkering that is equal to, or better than that found on many factory firearms. The Practice Coasters provide the opportunity to hone your skills before applying them to your stock. The exclusive Miles Gilbert Alignment Guides attach to the checkering cutter to help you maintain perfectly straight lines. Learning to checker is a practical and rewarding skill and offers the potential to enhance the functionality, beauty, and value of firearms. The tools included in this kit were selected and, in many cases, designed by a team of experienced gunsmiths. Like all Miles Gilbert products, these checkering tools are made for the professional gunsmith, but are a great value for the amateur as well. Not only are these affordable tools great values, they will also do a superior job and provide many years of useful service. Two kits are available: The Deluxe Kit contains five handles, five cutters, 4 practice coasters, circle and diamond layout templates, five of the exclusive Miles Gilbert see-through checkering guides, and the instructional DVD. The basic kit includes one handle, five cutters, a see-through checkering guide, and the DVD. Written instructions can be found at our web site, www.milesgilbert.com. Patents pending.



Description	Product #	MSRP
Deluxe Learn to Checker Kit	447-114	\$61.58
Basic Learn to Checker Kit	142-641	\$36.94
Practice Coasters - 4 each	552-213	\$12.30

Checkering Cradle

You will perform the finest job of checkering your gunstock when it is fully supported yet free to move so that you can gain optimum access and approach to the area being checkered. Free your hands and conveniently position your stock where you want it with the Miles Gilbert Checkering Cradle. The exclusive Miles Gilbert Cradle holds your stock firmly but safely between two metal uprights. Forend and butt sockets rotate 360 degrees while holding your stock securely in place. Simply attach the uprights with the included u-bolts to a section of 2" x 4" lumber (not supplied), clamp in a bench vise, such as the Wheeler Gunsmithing Vise, and you are ready to checker. Easy rotation of your stock on its axis keeps the working areas of your checkering patterns on top where you can get to them. Use different lengths of lumber for easy adaptability from long stocks, to buttstocks, to forends. Patent pending.



Product #749-111MSRP \$31.34

Miles Gilbert™

Fine Stockmaking Supplies

Stock Rubbing Compounds



The finest stock finishes are obtained when the last step is the use of rubbing compounds. Use 2F then 4F Pumice after wet sanding with 600 grit sandpaper, and before the final rubout with Rottenstone.

Description	Product #	MSRP
2F Pumice.....	233-116	\$5.99
4F Pumice.....	197-842	\$5.99
Rottenstone	433-251	\$5.99

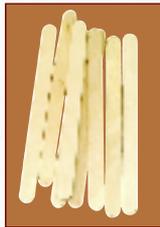
Burlap



The traditional product used in the application of stock fillers. Non-absorbent, it is useful for forcing fillers into wood pores and for removal of finish strippers and rust-and-blue removers. Ten 8-1/2" x 11" die-cut sheets per pack.

Product #579-251MSRP \$5.99

Wood Stirring Sticks



Use for mixing epoxy, wood finishes, and stains. Trimmed and shaped, they make neat scrapers for removing excess bedding compound, or even grime and residue from your firearms. A must on the bench of any gun enthusiast. 4-1/2" long. Approximately 100 per pack.

Product #190-564MSRP \$5.59

Small Stockmaker's Brush



1/2" wide all-natural bristle brush. Apply finish to small areas, like checkering, small amounts of stain to light areas, or Inletting Black to metal components. Bristles are 11/16" long, brush is 6" overall. Bright metal handle.

Description	Product #	MSRP
2.....	640-194	\$2.78
12.....	697-924	\$4.46

Stock Sanding Kit



Use for refinishing or when starting fresh with an unfinished stock. Three grits (100, 150, and 220) of high quality sanding cloth, plus a handy sanding block to maintain straight lines and avoid low spots. Finished stocks should be chemically stripped before sanding.

Product #861-171MSRP \$5.99

Bone Black



Mix with your stock finish to fill the pores and enrich the grain pattern, defining its direction and adding contrast. Use as a coloring agent with epoxy-bedding materials to repair or replace inlays of ebony and hard rubber on vintage firearms.

Product #826-739MSRP \$5.99

Heavy Duty Vinyl Gloves



These heavy-duty 10" green vinyl gloves will last through several applications of finish, stripper, or other uses in the shop. Quantity 6-pair. Available in two sizes, medium and large. (See sizing chart on page 35.)

Description	Product #	MSRP
Large.....	616-547	\$4.99
Medium.....	883-635	\$4.99

Measuring Cups



Disposable, 1-oz. Measuring Cups. Measure and mix bedding compounds, finishes, stains, and other materials. Graduated in milliliters, drams, teaspoons/tablespoons, and fractions of an ounce. Obtain accurate mixing ratios. Offered in a sleeve of 100.

Product #409-934MSRP \$5.59

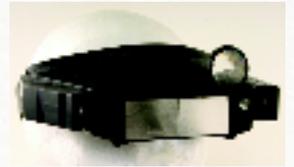
Finish Pipettes™



For measuring, mixing, and transferring small amounts of stain, thinner, or finish. Transfer small quantities without contaminating the original bottle. Drop "dabs" of finish on the stock for hand rubbing.

Description.....	Quantity	Product #	MSRP
Pipettes, 3-1/2"	2	330-753	\$2.22
Pipettes, 3-1/2"	12	737-855	\$4.46
Pipettes, 6"	2	577-425	\$2.22
Pipettes, 6"	12.....	197-706.....	\$4.46

Magnifier



Perfect for checkering, inletting, action work, assembly, or any projects requiring close observation. Two magnification levels, 1.8X or 2.3X. Accessory loupe for really close inspection comes standard. Adjustable padded head strap. Use with or without prescription glasses.

Product #639-552MSRP \$19.04

Inletting Black and Inletting White



Apply Inletting Black or Inletting White to the metal components of your rifle and place into the stock. Contact transfers color to the wood, indicating where relief is needed. Black for most wood or light-colored stocks, White for dark-colored and synthetic black stocks. 1 oz bottle contains enough product to inlet dozens of firearms.

Description	Product #	MSRP
Inletting Black.....	169-996	\$4.99
Inletting White	384-097	\$4.99

Tack Cloths



For stock preparation between finish coats. Removes the smallest particles of saw dust, grit, and other contaminants. An absolute necessity for a glass-smooth finish.

Product #826-679MSRP \$2.00

Miles Gilbert™

Fine Stockmaking Supplies



Sling Stud Installation Kit

The Miles Gilbert Sling Swivel Stud Installation Kit provides the gunsmith the means to install both standard studs for quick-detachable swivels as well as custom 2-screw swivel stud sets such as the Miles Gilbert Custom Studs. The Kit Includes an aluminum Drill Guide with steel bushings for accurately locating and drilling pilot holes. All drill bits and two counter bores are provided, along with a section of surgical tubing for non-slip locating of the Drill Guide to allow drilling the pilot holes from any angle.

Product #381-797MSRP \$38.44



Niedner-Style Checkered Steel Buttplates and Grip Caps

Checkered, blued steel buttplates and grip caps in the style of A.O. Niedner, early 20th Century

gunsmith. Using advanced technology, Miles Gilbert produces essentially the same product as the original hand-made version, and as equally affordable. Primary features include 24 line per inch checkering, a 1/16" border, and pointed "heel spur" on the top of the buttplate. Blued finish. Includes attaching screws.

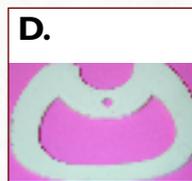
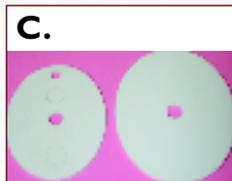
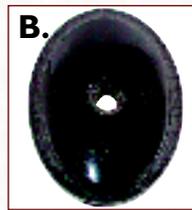
Description	Product #	MSRP
Buttplate.....	821-134	\$32.12
Grip Cap.....	128-929	\$21.42
Plate and Cap Combo with Screws	113-848	\$48.49

Mannlicher-Style Forend Tip Type R



Mannlicher-style stocks feature a forend that extends to the end, or near the end, of the barrel. Stocks of this design are typically fitted with a functional metal forend tip. Miles Gilbert offers a traditional style Tip to complete the look. The Tip is styled with a slightly flared "schnable" and rounded end to look just right. Quality investment cast, "in the white," with attaching screw. The barrel channel will need to be opened up to the diameter of your barrel (.600" minimum diameter).

Product #801-769\$10.70



Forend Tips, Grip Caps and White Spacers

Whether you are building a new wood stock or customizing an existing one, these plastic accessories make the job easier. They are attractive, inexpensive, relatively easy to install, and sand and finish just like the wood. Approximate Grip Cap dimensions: Series 4 - 1-5/8" x 1-1/4"; Series 5 - 1-7/8" x 1-3/8".

Forend Tip (A).....	Product #	MSRP
45 Degree "Sporter".....	345-356	\$8.95
90 Degree "Sporter".....	345-057	\$8.95
90 Degree "Target".....	346-667	\$8.95
Grip Cap (B).....	Product #	MSRP
Series 4 Oval.....	284-214.....	\$5.59
Series 5 Oval.....	761-479.....	\$5.59
Series 14 Teardrop	732-022	\$5.59
Spacer	Product #	MSRP
For Series 4 Grip Cap (C).....	335-736	\$3.35
For Series 5 Grip Cap	788-141.....	\$3.35
For Series 14 Teardrop Grip Cap.....	743-537	\$3.35
For "Sporter" Forend Tip (D).....	365-020	\$3.35
For 90 Degree "Target" Forend Tip.....	413-579.....	\$3.35

Custom Swivel Studs

The same two-screw style used by custom rifle makers, at a very reasonable price. Properly installed, the slots of the included attachment screws will be oriented. Contoured for either front or rear applications. Offered separately.



Description	Product #	MSRP
#1 Rear	793-561	\$9.64
#2 Front.....	225-113	\$9.64



Liquid Applicator Swab

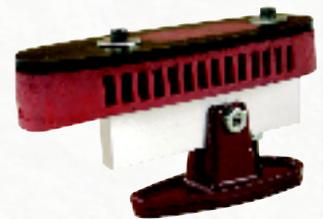
The same Applicator included with Bedrock, these handy swabs have many uses, especially with stock finishing. Besides application of Release

Agent, they can be used for spreading strippers, stains, and finishes. Available in packs of 50 and 100.

Description	Product #	MSRP
Liquid Applicator Swabs 50	727-579	\$8.38
Liquid Applicator Swabs 100.....	376-187	\$14.54

Recoil Pad Installation Fixture

Accurately transfers the toe-line angle and the comb line from the stock to the new recoil pad; also serves as a stable work holding fixture for off-the-stock sanding of the pad. Designed for use with any table-mounted belt or disc sander. Rigid, cast aluminum base and aluminum pad mounting bar.

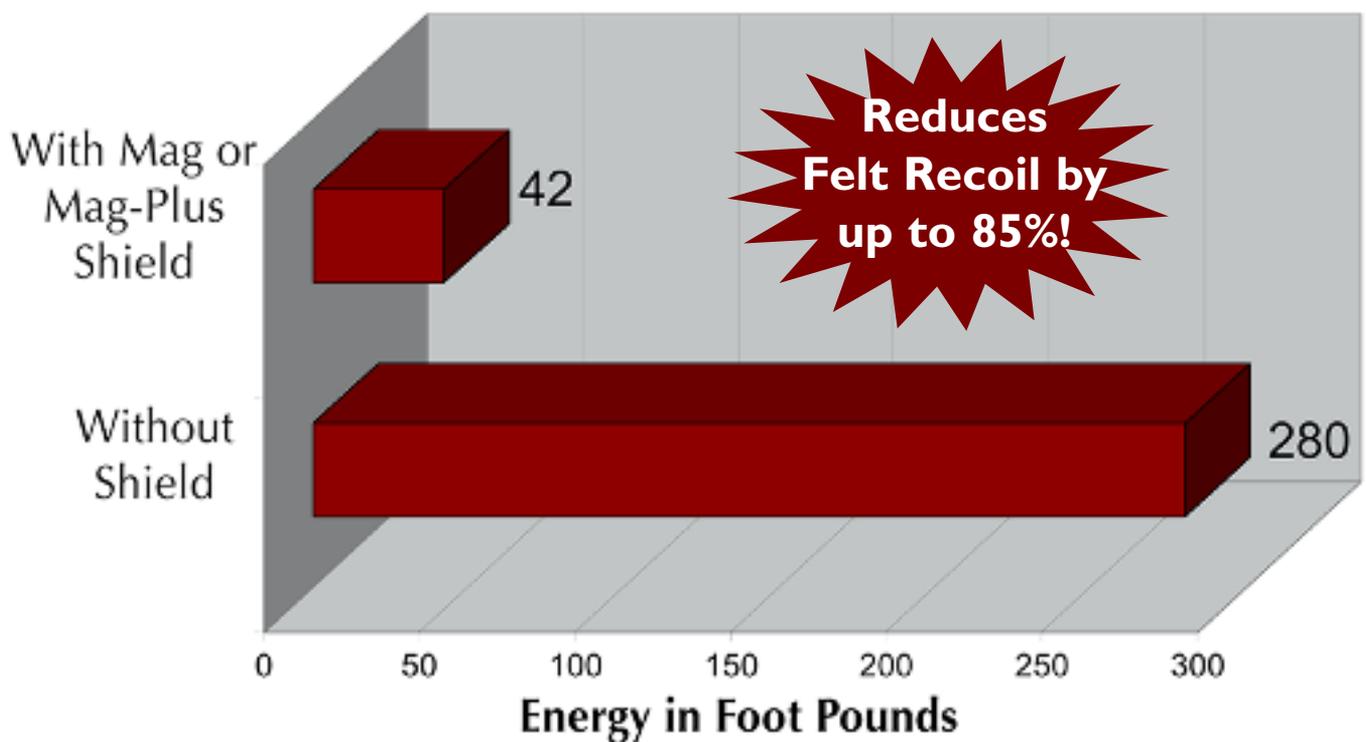


Product #184-528MSRP \$38.44

World's Most Popular Wearable Recoil Protection

The PAST product line is based on a patented foam material that dramatically reduces the felt recoil of rifles, shotguns, and handguns. This foam pad absorbs and spreads the recoil impulse, significantly reducing the recoil felt by the shooter. Other styles of recoil protection tend to bounce into your shoulder, which can create an unstable feeling while offering inadequate protection. The PAST recoil protection system allows a shooter to concentrate on hitting the target instead of fearing the punishment of recoil. Concentration helps to create good shooting habits, and more importantly, prevents developing bad ones.

Felt Recoil from a 7mm Remington Magnum 7-1/2 pound gun, 175 Grain Bullet



Experience a dramatic reduction in felt recoil.

PAST has the right style of shield to fit your shooting needs.

PAST

Recoil Protection

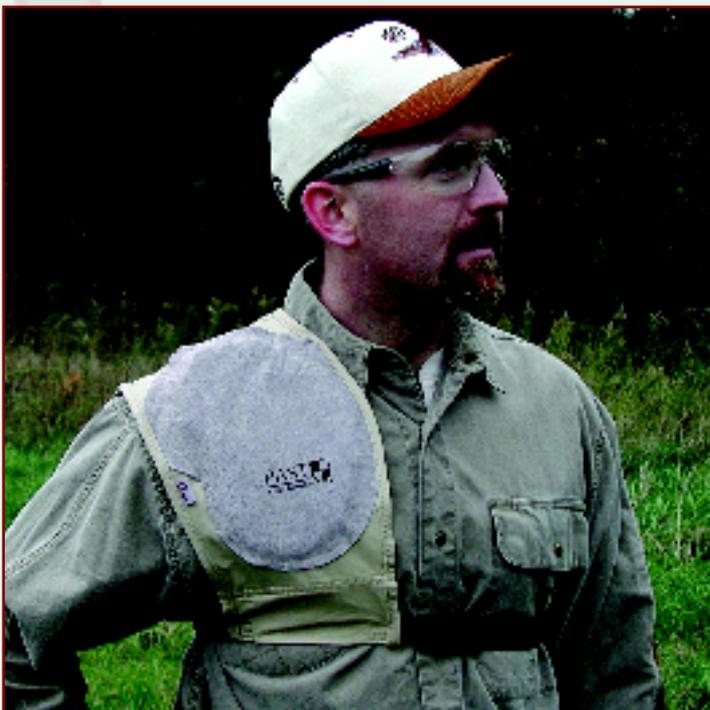


Mag Shield™

The PAST original Mag Shield is designed to provide unparalleled recoil protection while sighting in your rifle, benchrest shooting, or participating in many other shooting activities. The size and shape of the Mag Shield creates the perfect combination of function and comfort. It can be worn on the left or right shoulder and attaches with an easily adjustable side closure for a secure fit. The leather on the front secures the gun in place, while the leather on the back of the shield provides a comfortable feel and prevents the shield from sliding around on your shoulder. The shield's 1/2" thick, energy-absorbing pad provides excellent protection for calibers up to 300 Winchester Magnum. Weighs 4 ounces. Ambidextrous.



Product #300-010.....MSRP \$27.98



Mag Plus Shield™

The PAST Mag Plus Shield is designed to provide the same unparalleled recoil protection as the original Mag Shield but features a larger surface area. The heart-shaped design expands the recoil absorption area, extending protection to the upper arm. This quality is especially valuable in those cases when the rifle or shotgun is not shouldered perfectly. The size and shape of the Mag Plus Shield creates the perfect combination of function and comfort. This time-tested design has become a favorite for shooters around the world. The shield's 1/2" thick energy-absorbing pad provides excellent protection for calibers up to 300 Winchester Magnum. Weighs 6 ounces. Ambidextrous.



Product #310-010.....MSRP \$33.98

PAST

Recoil Protection



Super Mag Plus Shield™

The PAST Super Mag Plus Shield is designed to tame the real thumpers like the 416 Rigby and the 500 Nitro Express. This shield is 1" thick and provides the highest protection level of any PAST Shield. With the maximum amount of energy-absorbing protection, the Super Mag Plus Shield makes shooting even the biggest calibers tolerable. The heart shaped design provides superior protection for the shoulder and the upper arm. Weighs 10 ounces. Ambidextrous.



Product #330-110.....MSRP \$39.98



Field Shield™

Created with the field shooter in mind. The lightweight, patented foam recoil system is designed for quick and easy gun mounting in the field, and provides valuable protection from recoil. It is ambidextrous and attaches with an easily adjustable hook and loop closure for a secure fit. Front and back leather faces secures the gun comfortably in place, eliminating any sliding. The shield's 1/4" thick energy-absorbing pad provides excellent protection for all shotguns. Weighs 4 ounces. Ambidextrous.



Product #350-010.....MSRP \$27.98

PAST

Recoil Protection



Hidden Comfort Recoil Shield for Women™

The PAST Hidden Comfort Recoil Shield for Women™ is designed to give the woman shooter a customized, competitive edge. Worn under clothing, this patented recoil protection has a comfortable cotton blend cover that easily attaches to a bra strap without removing blouse or shirt, and stays in place with its hook and loop closure system. The result is an unseen protective layer of the PAST recoil absorbing foam for the woman shooter. Weighs only 2 ounces. Ambidextrous.

Product #.....360-000.....MSRP \$17.98



Professional Handgun Gloves

PAST Professional Handgun Gloves were designed by professional shooters for shooters at all levels. The gun-hand glove has the same foam recoil system as our recoil shields to provide control, and give recoil protection to the palm and thumb web area. The offhand glove is made of quality leather with no padding. Available for both right and left-handed shooters.

How To Measure

To determine glove size, use a measuring tape and measure your hand around the palm at the knuckles with hand flat. Do not include your thumb.



Sizes Small-Extra Large

Size	Measurements	Right Hand #.....	Left Hand #
MSRP		\$31.98	\$31.98
Small	7-7.5"	151-111	151-121
Medium.....	8-8.5"	151-113	151-123
Large.....	9-9.5"	151-114	151-124
Extra-Large	10-10.5"	151-115	151-125



Empty's Bag and Shooter's Pouch

Two great items for the shotgunner at the range when a vest is "too much." We wear these during the hot summer sporting clays leagues. The Empty's Bag holds 100+ empty 12 gauge shells. It can be slipped onto any belt, including the Shooter's Pouch or fastened to a D-Ring on your vest. Spring closure stays open or closed. Black mesh, trimmed in cotton duck canvas to match the Shooter's Pouch. The two pockets of the Shooter's Pouch each hold two boxes of shells, or one can be used for empties. Heavy 10 ounce cotton duck and a 2" adjustable heavy weight belt for years of dependable service. Available in Black or Dark Green



Description	Black #.....	Dark Green #.....	MSRP
Empty's Bag.....	800-020.....	800-040.....	\$15.18
Shooter's Pouch	801-020.....	801-040.....	\$22.98
Shooter's Pouch and Empty's Bag Combo.....	659-922	102-635.....	\$35.64

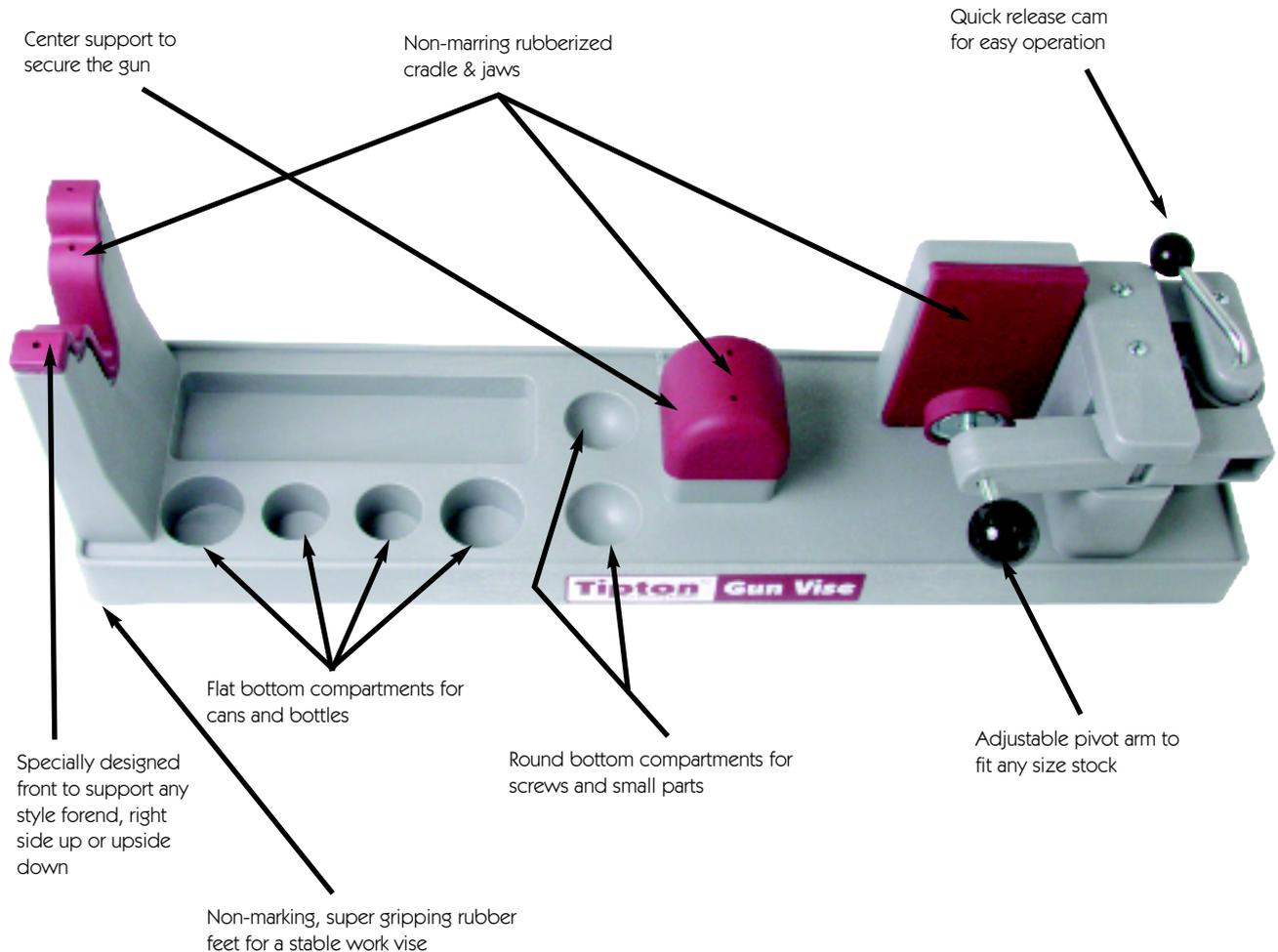
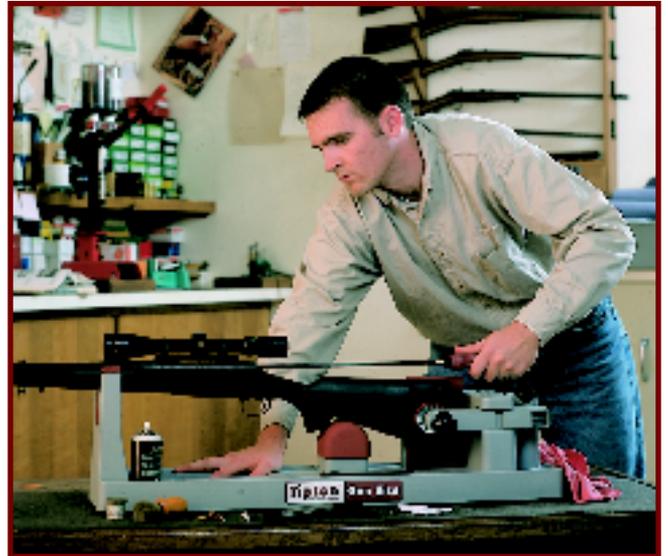


Tipton™

Gun Cleaning Supplies

GUN VISE

Secure your rifle or shotgun for just about any work you want to perform on it. The Tipton Gun Vise is an ideal "third hand" for cleaning and gunsmithing. It features a rubberized cradle and jaws to protect and grip your gun, a quick release cam action for easy access, molded-in compartments for solvents and small parts, and is made of tough, solvent-resistant polymers.



Gun Vise782-731MSRP \$64.46



Tipton™

Gun Cleaning Supplies

BEST GUN VISE

Tipton's Best Gun Vise is the Best tool you can own for working on your guns. The vise was designed to accommodate the widest possible range of firearms for cleaning, maintenance, or gunsmithing, and is easily configurable to handle bolt-action rifles, break-open shotguns, AR-15's, and handguns. A central aluminum channel lets the user move individual components to the ideal position for their firearm. Each individual component then adjusts to the perfect position for secure support. The rear base features two adjustable offset clamps for a tight grip on a wide range of buttstock configurations. The Best Gun Vise is extremely stiff and is made from high-quality, solvent-resistant nylon that will stand up to years of hard use. Patents pending.

- Non-marring contact surfaces
- Every component adjusts to accommodate different firearms and projects
- Stiff, solvent-resistant nylon stands up to years of hard use
- Innovative, off-set clamping mechanism on rear base



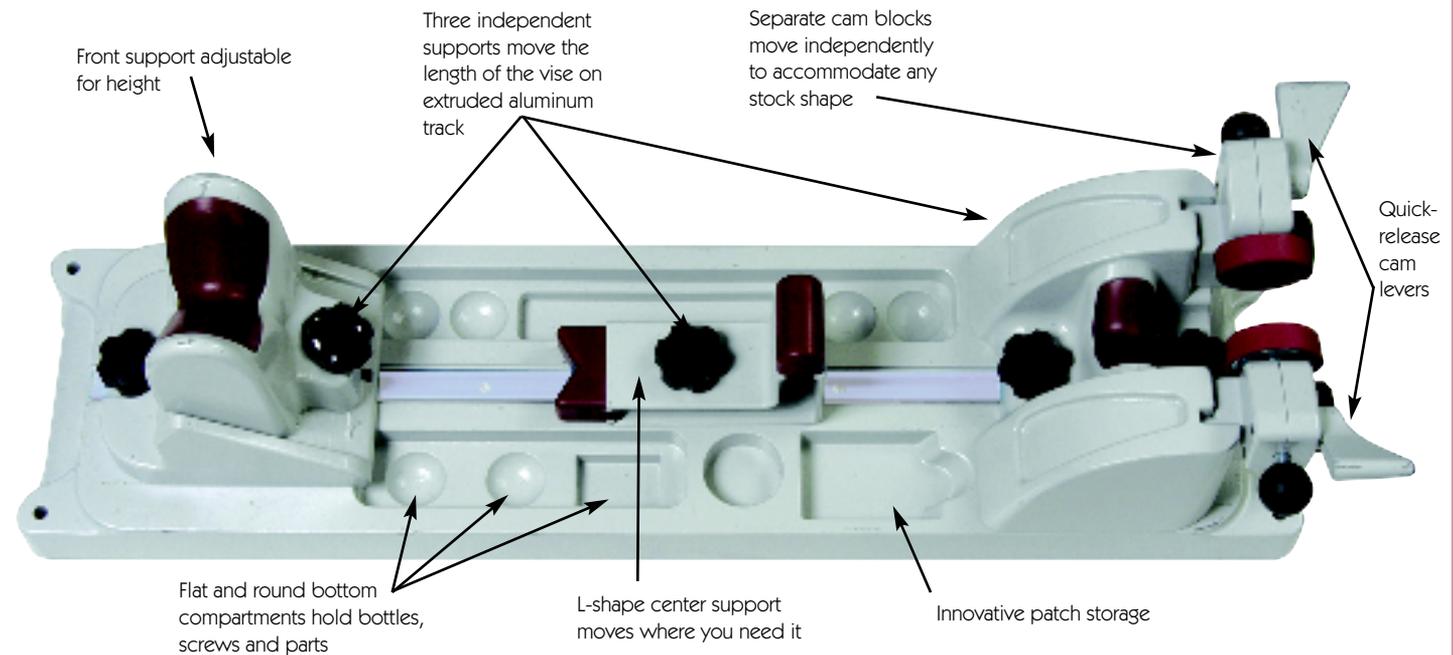
Versatile clamp and support system accommodates even pistols and revolvers.



Holds hinged-receiver rifles open to gain access to bore, receiver and fire control components



Exposes the breech on any break-open shotgun for easy cleaning or inspection.



Best Gun Vise181-181MSRP \$123.20

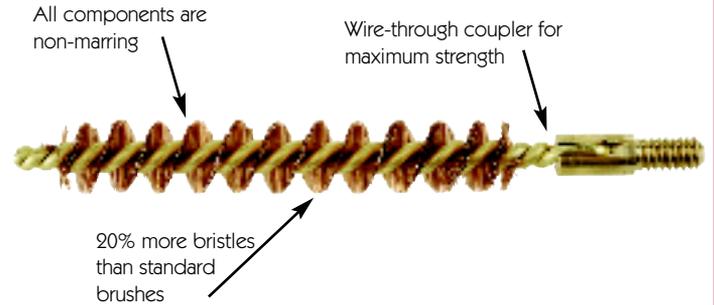


Tipton™

Gun Cleaning Supplies

BEST BORE BRUSHES

We believe that the Tipton Best Bore Brushes are the finest ever offered. They meet or exceed military specifications and are designed to satisfy the shooter who wants the best tools to maintain his or her guns. The components of Tipton Best Bore Brushes will not scratch or in any way harm the finest bore. The core is a single piece of brass wire that passes through the threaded brass coupler, guaranteeing that the core will never separate from the coupler in the barrel. Bristles are made from high-quality bronze, which is much softer than barrel steel but more than aggressive enough to scour away lead fouling, copper fouling, and powder residue. Each brush contains the maximum number of bristles that can be inserted for the caliber. 20% more than standard brushes! You will feel the difference. Because of their density we recommend that Tipton Best Bore Brushes only be used with a quality one-piece rod and an appropriate bore guide.



Caliber MSRP	Each \$1.98	3-Pack \$5.58	10-Pack \$15.68	100-Pack \$108.62
20	428-476	669-638	197-356	187-951
22	727-109	140-337	882-927	840-132
243/6mm	181-435	758-284	610-187	580-141
25	153-485	657-930	229-196	227-210
6.5mm	293-673	269-421	220-568	401-743
270	794-326	622-858	111-345	870-435
7mm	341-375	146-917	355-446	519-201
30	152-457	868-556	634-045	504-614
8mm	624-540	427-343	320-660	480-191
338	879-596	178-821	632-184	174-485
35	288-646	606-367	642-348	222-203
375	231-322	127-759	794-858	532-129
40/416	695-790	317-183	236-105	437-555
44/45	191-136	629-958	625-005	523-411
50 BMG	766-282	561-865	893-880	379-227

TIPTON BEST BORE BRUSH RIFLE SET

Conveniently packaged 14-piece caliber-specific set of Best Bore Brushes means you always have the right brush at hand. Contained in a durable, hinged box with marked cavities, it's easy to select the correct Best Bore Brush for your particular application. Because they are caliber-specific, you can be assured of an optimum fit to your firearm's bore for efficient and thorough cleaning. 17 to 45 caliber (does not include 20 caliber). All brushes have 8-32 threads (17 caliber has 5-40 threads and is a standard bore brush.) See page 41 for the complete line of bronze and nylon Tipton Bore Brush Sets for handguns, rifles and shotguns.



Product #402-173MSRP \$24.62



Tipton™

Gun Cleaning Supplies

**Now in
17 Caliber!**

DELUXE CARBON FIBER CLEANING RODS

Carbon fiber is well-suited to the tough tasks assigned to cleaning rods. It combines the best features of stainless steel and coated cleaning rods, then adds valuable properties of its own. Stainless steel rods can scratch or wear barrels if they're used carelessly - though they won't pick up potentially damaging small abrasive particles.

"Coated" rods get part of the job done - they keep the stainless steel shaft from damaging your barrel's rifling, but the coating will pick up small abrasive particles, which means you're effectively running fine-grit sandpaper through your bore. Carbon fiber rods are the best of both: the carbon fiber can't scratch your bore like stainless steel, and they won't embed like coated rods. Plus, Carbon Fiber rods can be bent to an extreme degree and return to their original straightness. During Operation Iraqi Freedom, US military armorers called on Tipton to provide cleaning rods that would clean service rifles in demanding conditions. It made sense to us: Carbon fiber is an ideal material for cleaning rods. We call these cleaning rods "deluxe" because they feature an ergonomically designed handle that spins on two sets of ball bearings - the result is a cleaning rod that smoothly follows the rifling both pushing and pulling, even while under pressure. The "shank-through" construction also allows the user to apply "reasonable" hammer blows to the end of the cleaning rod to get a tight patch through a bore. Available in in four diameters and six lengths to fit most rifles, pistols, and shotguns. Rifle and handgun rods are threaded for 8-32 accessories, except 17 caliber rods which are threaded 5-40. Shotgun rods are threaded 5/16"-27.



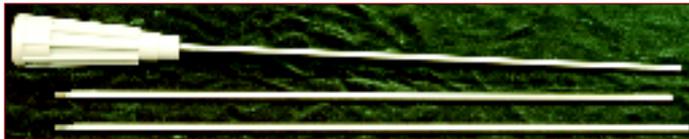
**NEW
Models
for 2005!**

**Choice
of the
US Military.**

- Carbon Fiber Shaft Prevents Bent Rods
- Ball-Bearing Handle Allows Full Following of Rifling

Caliber	12"	26"	26" 3-Pack Retail Pack	36"	36" 3-pack Retail Pack	40"	40" 3-Pack Retail Pack	44"	44" 3-Pack Retail Pack	62"
17 Caliber MSRP	448-529 \$33.50	146-468 \$33.50	578-655 \$100.50	107-486 \$38.92	512-333 \$116.76					
22 - 26 Caliber MSRP	658-675 \$32.64	216-411 \$32.64		430-886 \$36.92	224-784 \$110.76	182-978 \$36.92	152-964 \$110.76	783-485 \$38.92		
27 - 45 Caliber MSRP	303-569 \$32.64	376-252 \$32.64		720-747 \$36.92	147-741 \$110.76	413-662 \$36.92	178-747 \$110.76	509-320 \$38.92	554-455 \$116.76	
40+ Caliber MSRP				654-574 \$36.92				189-446 \$38.92		157-379 \$55.86
Shotgun MSRP				713-415 \$36.82	753-753 \$110.46					

STAINLESS STEEL CLEANING RODS



All the features shooters demand in a cleaning rod, at an affordable price. Fouling and abrasive particles cannot imbed in the hard, stainless steel shafts. The tough, chemical-resistant handle features a self-lubricating bearing for smooth rod rotation while cleaning. Pistol and rifle rods have 8-32 female threads (except 17 caliber, 5-40 thread). Shotgun rods accept standard 5/16"-27 threaded accessories.

Stainless Steel Rifle RodsProduct #MSRP

17 Caliber, 1-piece 36"	321-874	\$20.99
22 - 26 Caliber, 1-piece 26"	500-183	\$19.34
22 - 26 Caliber, 1-piece 40"	343-656	\$22.64
22 - 26 Caliber, 3-piece 40"	773-995	\$24.29
27 - 45 Caliber, 1-piece 26"	569-705	\$20.17
27 - 45 Caliber, 1-piece 40"	928-082	\$26.76
27 - 45 Caliber, 3-piece 40"	701-673	\$27.79

Stainless Steel Pistol RodsProduct #MSRP

22 - 26 Caliber, 1-piece 8"	492-316	\$16.03
22 - 26 Caliber, 1-piece 12"	172-574	\$16.03
27 - 45 Caliber, 1-piece 6"	557-051	\$17.08
27 - 45 Caliber, 1-piece 12"	270-001	\$17.08
27 - 45 Caliber Contender		

Cleaning Rod 18"374-140.....\$17.90

Stainless Steel Shotgun Rods Product #MSRP

1-piece 36"	772-095	\$20.99
3-piece 36"	576-817	\$24.29
Shotgun Chamber Rod 4"	789-454	\$16.79

CLEANING ROD RACK



Keep your cleaning rods safe, secure, and organized with this sturdy Rack. Black, rigid polymer Rack is 10-3/4" long and holds six rods. Resistant to solvents, lubes, and preservatives. Supplied with two screws for attachment at any convenient location near your bench or cleaning station.

Product #160-539MSRP \$5.59



TiptonTM

Gun Cleaning Supplies

BORE BRUSH CHART

	Bronze Quantity	Nylon Quantity	Stainless Steel Quantity
	1.....3.....10.....100	1.....3.....10.....100	Caliber.....1.....3.....10.....100
PISTOL	\$1.34.....\$3.68.....\$11.74.....\$89.59	\$1.34.....\$3.68.....\$11.74.....\$89.59	\$2.23.....\$4.47.....\$14.55.....\$100.79
22 Caliber	141-224.....770-767.....356-062.....244-558	733-697.....584-467.....125-173.....417-868	38/9mm Auto .613-147.....254-138.....383-155.....672-211
25 Caliber	442-506.....507-040.....120-466.....229-029	195-383.....109-481.....112-965.....372-968	41/10mm Auto 867-569.....716-868.....680-096.....246-602
32 Caliber	165-494.....892-661.....352-897.....389-952	554-384.....716-412.....116-585.....130-301	44/45.....637-289.....305-370.....114-308.....754-059
38/9mm Auto Caliber	132-567.....631-419.....627-021.....181-158	414-408.....703-841.....704-875.....419-508	
41/10mm Auto Caliber	688-432.....923-504.....548-257.....167-950	375-313.....701-308.....177-128.....486-485	
44 Caliber	837-675.....670-133.....335-060.....229-523	758-450.....604-537.....656-016.....619-565	
45 Caliber	882-480.....737-502.....392-203.....306-424	754-848.....355-866.....540-020.....308-629	
475/480 Caliber	242-143.....141-054.....704-342.....479-027	172-903.....854-780.....131-109.....571-541	
Rifle	\$1.98.....\$5.58.....\$15.68.....\$108.62	\$1.34.....\$3.68.....\$11.74.....\$89.59	
17 Caliber	397-273.....212-009.....179-052.....598-348	165-260.....698-306.....691-861.....447-262	
Rifle	\$1.34.....\$3.68.....\$11.74.....\$89.59	\$1.34.....\$3.68.....\$11.74.....\$89.59	
22 Caliber	824-157.....162-429.....466-875.....519-772	673-312.....749-051.....690-246.....714-822	
243/6mm Caliber	500-144.....239-196.....543-889.....779-441	734-846.....176-663.....545-852.....584-516	
25 Caliber	221-650.....839-291.....100-225.....558-907	782-068.....559-632.....125-551.....825-739	
6.5mm Caliber	771-216.....631-538.....291-327.....422-679	108-542.....413-806.....625-073.....102-182	
270 Caliber	152-059.....749-677.....848-786.....235-282	132-793.....887-541.....625-053.....550-837	
7mm Caliber	592-926.....282-762.....188-414.....556-506	495-735.....355-747.....487-058.....123-736	
30 Caliber	662-588.....541-921.....113-901.....546-958	317-679.....125-012.....479-395.....238-739	
8mm Caliber	680-055.....708-162.....103-729.....208-068	174-199.....437-445.....879-986.....419-050	
338 Caliber	532-158.....473-020.....103-563.....687-347	337-467.....565-703.....712-091.....344-317	
35 Caliber	438-536.....275-888.....587-953.....871-024	482-973.....105-458.....196-043.....136-310	
375 Caliber	869-280.....348-657.....646-413.....609-911	126-391.....468-709.....512-868.....351-192	
40/416 Caliber	686-152.....712-217.....588-385.....840-332	180-890.....592-325.....842-874.....487-750	
44/45 Caliber	868-316.....607-135.....709-648.....668-987	101-933.....303-351.....342-903.....674-765	
Shotgun	\$1.89.....\$4.47.....\$16.79	\$1.89.....\$4.47.....\$16.79	
10 Gauge	576-032.....662-575.....169-195	101-583.....580-755.....438-569	
12 Gauge	112-897.....612-735.....340-935	871-040.....241-974.....187-779	
16 Gauge	180-412.....383-231.....298-674	393-453.....196-883.....621-254	
20 Gauge	297-335.....215-223.....773-906	442-823.....741-573.....715-881	
28 Gauge	137-893.....849-144.....436-961	363-501.....314-984.....570-281	
410 Bore	711-770.....286-637.....155-960	771-984.....649-406.....715-910	

CHAMBER BRUSH CHART

	Bronze	Nylon
Rifle.....Product #.....Price		
22 RF Chamber.....	544-677.....\$1.34	
223/222/221 and similar.....	102-779.....\$3.34	
WSM/RUM/404 Jeffries and similar.....	440-609.....\$3.34	
308/30-06 and similar.....	143-824.....\$3.34	
Standard Belted Mag.....	185-838.....\$3.34	
50 BMG.....	617-617.....\$7.73	
	1.....3.....10.....100	1.....3.....10.....100
Shotgun	\$1.89.....\$4.47.....\$16.79	\$1.89.....\$4.47.....\$16.79
12 Gauge	338-504.....165-458.....894-578	523-561.....209-756.....803-581
16 Gauge	334-920.....234-454.....233-091	367-526.....516-045.....861-540
20 Gauge	629-752.....618-072.....253-119	119-345.....770-932.....280-244
28 Gauge	120-832.....149-954.....298-030	564-747.....356-527.....284-985
410 Bore	718-304.....799-670.....136-958	124-489.....550-617.....652-928
	1.....3.....10.....100	1.....3.....10.....100
Stainless Steel		
38 Caliber.....	202-345.....194-118.....362-291.....183-203	
44/45 Caliber.....	645-285.....189-888.....788-525.....542-709	

For the ultimate in bore cleaning, see the Tipton Best Bore Brushes listed on page 38. Featuring non-marring components, a wire-through coupler and 20% more bristles than standard brushes, the Best Bore Brushes provide a revelation in barrel maintenance.

SOLID BRASS SLOTTED TIPS

For flooding the barrel with solvent or wiping the bore with oil or preservatives, nothing beats a patch in a Slotted Tip. Tipton offers an assortment of four caliber-range specific Rifle/Pistol tips for your convenience, or they can be purchased separately. Solid brass is softer than barrel steel so there is no worry of damaging your bore, plus they will last much longer than the typical synthetic plastic tips. Rifle/Pistol Tips are threaded 8-32 and the Shotgun Tip 5/16"-27.



Description.....	Product #.....	MSRP
Rifle/Pistol Set of 4.....	554-428.....	\$8.39
22 - 29 Caliber.....	428-953.....	\$2.79
30 - 35 Caliber.....	211-422.....	\$2.79
35 - 44 Caliber.....	777-753.....	\$2.79
45+ Caliber.....	400-385.....	\$2.79
Universal Shotgun.....	339-005.....	\$2.79



Tipton™

Gun Cleaning Supplies

TIPTON 12-PIECE JAG SET

These 12 solid brass cleaning jags are the fastest way to thoroughly clean, dry, or oil the bore. Each jag is designed to provide a tight fit between the patch and the bore. A pointed tip keeps the patch centered and allows it to drop off when the jag exits the muzzle. Made with 8-32 threads (17 caliber has 5-40 threads), they will fit most brands of cleaning rods, and should provide years of service. Kit includes 17, 22, 243/6mm, 25/6.5mm, 270/7mm, 30, 338/8mm, 35/9mm, 375, 40, 44 and 45 jags. Convenient storage box features marked cavities for each caliber.

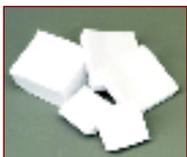


Product #749-245...MSRP \$18.74

TIPTON INDIVIDUAL JAGS MSRP \$1.78



Description.....Product #	Description.....Product #
17 Caliber (5-40 threads)154-070	8mm - 338 Caliber.....485-467
22 Caliber356-987	338 - 35 Caliber.....434-832
243/6mm Caliber696-435	375 Caliber272-744
25 - 6.5mm Caliber...584-696	40/41/416 Caliber.....412-599
270 - 7mm Caliber.....768-059	44 Caliber301-110
30/303 Caliber193-225	45 Caliber239-013



CLEANING PATCHES

100% Cotton Flannel Patches, precisely cut to the correct size for use with Tipton Jags. When used with slotted tip, choose the next size larger for optimum performance. 12" x 12" white cotton

Wiping Cloths made from the same material as our Tipton Cleaning Patches. Perfect for wiping down firearms with preservatives or lubricants. Many uses in the shop.

Description.....Quantity..Product # ..MSRP
17-22 Caliber, .75" Square100.....476-217\$3.91
17-22 Caliber, .75" Square1000.....652-376 ...\$12.31
22-270 Caliber, 1.13" Square100.....359-811\$4.47
22-270 Caliber, 1.13" Square1000.....618-061 ...\$14.55
27-35 Caliber, 1.75" Square100.....444-068\$4.47
27-35 Caliber, 1.75" Square1000.....279-375 ...\$16.79
35-50 Caliber/20 Gauge, 2.25" Square.....100.....192-431\$4.47
35-50 Caliber/20 Gauge, 2.25" Square.....500.....364-206 ...\$13.43
10, 12, 16 Gauge, 3" Square50.....616-858\$3.91
10, 12, 16 Gauge, 3" Square500.....470-796 ...\$19.03
45-58 Caliber Black Powder, 2.50" Round.....250.....784-909 ...\$11.19

TIPTON BORE BRUSH SETS

Tipton Bore Brush Sets are a new concept in firearms maintenance. Conveniently packaged caliber- and gauge-specific sets of brushes means you always have the



right brush at hand. Because they are caliber- and gauge-specific, you can be assured of an optimum fit to your firearm's bore for efficient and thorough cleaning. Contained in a durable, hinged box with marked cavities, it's easy to select the correct brush for your particular application. Tipton Bore Brush Sets are available in both bronze and nylon. Bronze brushes are made from premium phosphor bronze for long life and cleaning power. The nylon brushes are made from a material that is unaffected by most modern solvents including copper solvent which can easily deteriorate a bronze brush. Threads fit most popular brands of cleaning rods (8-32 for Rifle and Pistol, except for 17 caliber which is threaded 5-40), and 5/16-27 for Shotguns. Rifle set contains 14 caliber specific brushes (17-45 caliber), Pistol set contains 8 brushes (22-47/48 caliber), Shotgun set contains 6 brushes (410-10 gauge).

Description	Nylon		Bronze	
	#	MSRP	#	MSRP
14-Piece Rifle Brush Set.....	615-333	\$20.40	168-577	\$18.74
8-Piece Handgun Brush Set....	145-963	\$12.16	845-102	\$10.50
6-Piece Shotgun Brush Set.....	113-713	\$14.22	671-861	\$12.56

Description.....	Product #	MSRP
14-Piece Rifle Best Bore Brushes.....	402-173	\$24.62

BORE AND CHAMBER MOPS

100% Cotton Mops are ultra absorbent. They hold and carry solvents, lubes, and preservatives into your bore and chamber. Great for applying large quantities of modern copper solvents to fouled bores. Small Rifle



Chamber Mops fit 22 Hornet, 222, 223, etc. Large Rifle Chamber Mops fit 22-250, 308, 30-06, belted magnums, etc.

Description.....	1	3	10
MSRP	\$3.82	\$10.49	\$33.47
17 Caliber.....	538-269	312-659	131-384
22-25 Caliber	183-369	653-568	709-262
6.5mm-338 Caliber	160-872	386-626	478-098
8mm-375 Caliber	247-673	181-031	480-820
40-45 Caliber	224-790	676-648	353-039
Chamber Mop, Large Rifle ...	146-000	746-181	445-040
Chamber Mop, Small Rifle ...	828-618	466-771	371-484
10, 12 Gauge	171-546	657-972	243-027
16, 20 Gauge	870-702	681-324	102-015
28 Gauge	877-770	682-539	381-271
410 Bore	467-925	242-967	359-374



Tipton™

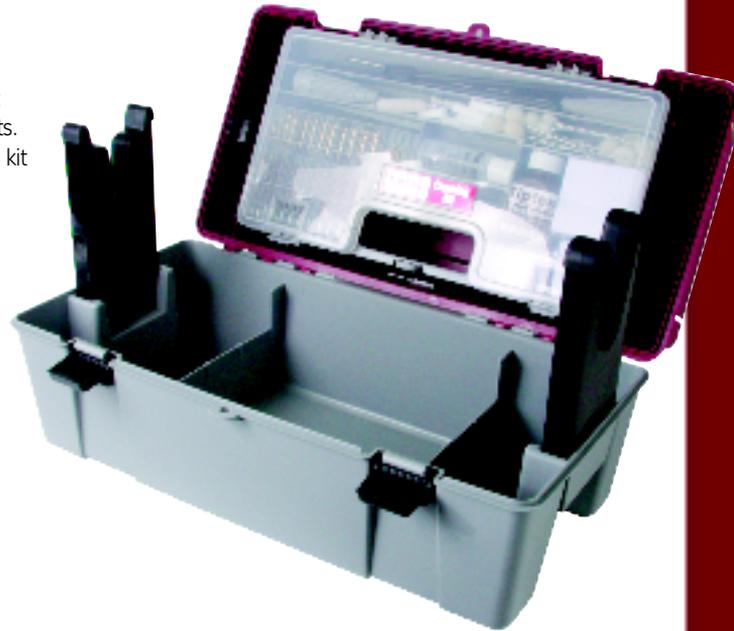
Gun Cleaning Supplies

RANGE BOX

The Tipton Range Box is the ultimate in convenience for shooters and hunters. It organizes everything you need, from cleaning supplies to rifle rest bags to targets. It is available with either an empty cleaning kit box, or with a complete cleaning kit that will service any and all guns in that category.

- Compartmentalized Storage Spaces
- Removable Cleaning Kit
- Rubberized Cradles to Hold Most Firearms
- Solvent Resistant Polymer Construction

Description	Product #	MSRP
Rifle and Handgun Range Box with Complete Cleaning Kit	482-254	\$166.42
Rifle, Handgun and Shotgun Range Box with Empty Cleaning Kit	458-509	\$60.44
Shotgun Range Box with Complete Cleaning Kit	729-329	\$149.10



SHOTGUN CLEANING KITS



We didn't cut any corners on the Tipton Shotgun Cleaning Kit. Everything you could possibly need to perform the cleaning operation on your most prized smooth bore is included inside a durable carrying case.

- 7 Bore/Chamber Brushes
- 4 Bore Mops
- 200 Patches-410-12 Gauge
- Shotgun Patch Puller
- Utility Brush
- Nylon Gun Brush
- 10 Shooter's Swabs
- 3 oz Bore Solvent
- 2 oz Gun Oil
- 4 Cleaning Picks
- 3-Piece Cleaning rod
- Chamber Rod

Product #684-250MSRP \$80.58

RIFLE & HANDGUN CLEANING KITS

Tipton Rifle and Handgun Cleaning Kits are stocked with the highest quality supplies. We don't believe in plastic jags or plastic slotted tips, and you won't find any here. This kit contains quality brass jags and slotted tips, premium bronze brushes, and lots of other exclusive tools and accessories you never knew could be so helpful. All packed in a convenient carrying case.



- 11 Bronze Brushes
- 12 Brass Jags
- 4 Slotted Tips
- 200 Patches (22-45 caliber)
- Utility Brush
- Nylon Gun Brush
- 3-Piece 40" Cleaning Rod, 22 Caliber
- 3-Piece 40" Cleaning Rod, 27 Caliber
- 10 Shooter's Swabs
- 3 oz Bore Solvent
- 2 oz Gun Oil
- Action/Chamber cleaning tool set
- 4 Cleaning Picks

Product #534-451MSRP \$112.82



TiptonTM

Gun Cleaning Supplies

SMART PACKS

Innovative, convenient package with all the quality cleaning rod accessories you need for cleaning, packaged by caliber. Each Smart Pack kit includes all three of our popular cleaning rod accessories: Brass Jag, Bronze Brush, a Cotton Mop, and a supply of our ultra-absorbent cotton Cleaning Patches.



Description.....	Product #	MSRP
17 Caliber	869-497	\$7.02
22 Caliber	159-836	\$7.02
243/6mm Caliber	693-405	\$7.02
25 and 6.5mm Caliber	881-441	\$7.02
27 Caliber	143-319	\$7.02
30 Caliber	699-583	\$7.02
8mm and 338 Caliber	710-897	\$7.02
9mm/38/357 Caliber	558-790	\$7.02
10mm/40 Caliber	333-966	\$7.02
44 Caliber	197-237	\$7.02
45 Caliber	739-439	\$7.02

ACTION/CHAMBER CLEANING TOOL SET



These tools are made specifically for those hard to reach areas inside the receiver of your bolt action rifle. The action cleaning tool utilizes cylindrical swabs to clean and lubricate the locking lug recesses. The chamber cleaning tool uses a mop to remove carbon and powder residue that is often left in the chamber during conventional bore cleaning. Includes both tools, a small and a large rifle chamber mop, 10 swabs, and a nylon cleaning brush.

Description.....	Product #	MSRP
Action/Chamber Cleaning Tool Set	368-628	\$8.95
Replacement Swabs, Pack of 100	115-373	\$4.47



CLEAN AND OIL BRUSH

Fine natural bristle cleaning and oil application brush. Hundreds of soft, thick 1-3/4" bristles, do a great job cleaning and carrying oil and preservatives to the exterior of your guns, and the hard-to-reach areas like under vent ribs.

Product #375-777MSRP \$4.47

FLIP-TOP SOLVENT BOTTLES



Set of 3 High Density Polyethylene 4 oz bottles are the perfect size for use on the bench or taking to the range. Holds solvents, oils, and many other liquid products. Each bottle comes with two caps, one Flip-Top, one standard.

Product #.....197-624.....MSRP \$5.99

SILICONE CLOTH



Protect your fine firearms from corrosive fingerprints and the elements. The soft cloth, impregnated with pure silicone, provides the perfect wipe-down for your guns before putting them away.

Protects metal surfaces from rust and corrosion at extreme temperatures, and leaves a shiny, well-preserved appearance. Will not evaporate or dry out. 14" x 15".

Product #650-730.....MSRP \$5.59

CLEAN AND LUBE BRUSH



100% natural bristle brush only 1/2" wide is perfect for cleaning and lubricating small, hard to get at areas on all firearms. Use dry to sweep out dust

and unburned powder. Use with solvents to loosen up more tenacious fouling. Apply lubes and preservatives to critical points in the action and trigger assembly.

Description.....	Product #	MSRP
2 Pack.....	862-185.....	\$2.78
12 Pack.....	806-270.....	\$4.46

SHOOTERS SWABS



Wire-handled swabs are perfect for applications of lubes and preservatives. They also work well with solvents to scrub out recesses in receivers, bolt bodies, and other hard-to-reach areas. Dozens of uses.

Description.....	Product #	MSRP
50	757-554.....	\$8.38
100	350-379.....	\$14.54

METAL MAGIC GUN CLOTH



Non-abrasive metal cleaning cloth designed to remove carbon, lead, and burn marks from stainless and nickel-plated firearms. Use as part of regular maintenance to keep your revolver or pistol looking like new. Handy 6-3/4" x 4" size, in easy-close bag. Caution: continual rubbing can remove conventional bluing and case colors.

Product #.....# 292-640 ...MSRP \$3.94



Tipton™

Gun Cleaning Supplies

PIPETTES™

Convenient, no-spill means to transfer liquid products for mixing and measuring. Perfect for adding bore solvents, oils, and preservatives to patches, brushes, and mops without contaminating the bottle contents. Measure stock finishes, stains, and other finishing products. Available in two lengths, 3-1/2" and 6".



Description.....	2	12
MSRP	\$2.22	\$4.46
3-1/2"	751-224	154-174
6"	159-743	146-527

COTTON INSPECTION GLOVES

Fine, heavy-duty white cotton gloves ideally suited for wear while inspecting or evaluating fine firearms, knives, swords, or expensive antiques. Prevents finger-printing or transfer of contaminating material that can degrade the finish of new or vintage firearms and keepsakes. Excellent for collectors, appraisers, or anyone dealing in quality firearms. Package of 4 pair.



Product #626-671MSRP \$6.08

MOLY SUPER LUBE



Tipton Moly Super Lube combines space-age lubricating gel with molybdenum disulfide. The moly embeds in the pores of the metal and provides long-lasting lubrication. The 10 oz applicator-tip syringe allows you to apply just the right amount! Perfect for semi-auto pistol slides, actions, triggers, barrel threads, bolt raceways - you name it!

Product #672-592MSRP \$8.14

RUST GUARD

Rust protection and lubrication in one package. 6 oz aerosol contains DuPont Teflon® to lubricate moving parts, and a preservative to guard against rust and corrosion. Spray on when a thorough cleaning is not convenient; after cleaning use to lubricate and preserve before storage.



Product #248-829MSRP \$6.71

BORE CLEANING SOLVENT



Heavy duty formulation removes all traces of copper and carbon fouling, and residues of powder and plastic wads. Contains rust preventing preservatives for long-term storage.

Description.....	Product #	MSRP
3 oz.....	746-274	\$4.47
16 oz.....	420-764	\$15.67

HEAVY DUTY VINYL GLOVES

Cleaning firearms can be a messy job. These Heavy Duty 10" long Vinyl Gloves will protect your skin from solvents, penetrants, lubes, and preservatives. Keep lead and carbon fouling off your hands. Because they are heavier than "surgical" gloves, they can be expected to last for many cleaning jobs. Offered in medium and large. Quantity, 6 pair. (See page 35 for sizing chart.)



Description.....	Product #	MSRP
Medium	149-472	\$5.58
Large	195-845	\$5.58

COSMOLINE™

Recognized by firearms enthusiasts for decades, Cosmoline is the favored preservative for long-term storage of guns, tools, and other metal objects. Cosmoline is a soft grease that has demonstrated to be the definitive rust and corrosion inhibitor. Made to original GI specifications, Cosmoline can be brushed on directly, or warmed in hot water for dipping small parts. 12 oz can.



Product #267-557MSRP \$12.31

INSTA-CLEAN



All-purpose firearms cleaner/degreaser. It quickly removes oil and fouling, dries quickly, and leaves no residue. Thoroughly cleans triggers, actions, chambers, threads, firing pins, and other moving parts. It is non-flammable and does not deplete the ozone in the upper atmosphere. Contains no CFC's. Avoid contact with wooden, plastic, and aluminum parts. 16 oz aerosol.

Product #334-393MSRP \$10.07

RUST SHIELD

Cleans and prevents rust in one application. Rust Shield combines nitro-solvent and rust preventing oil in one product. Dissolves powder residue, primer and metal fouling, while penetrating the pores of the metal to provide rust protection in any climate.



Description.....	Product #	MSRP
Chamois Wiping Cloth.....	789-945	\$11.19
Refill, 2 oz.....	501-962	\$7.83

GUN OIL



Effective friction reducer in all climates. Resists moisture and provides a protective coating that will not dry out over prolonged periods. Handy 2 oz container.

Product #859-896MSRP \$2.92



Tipton™

Gun Cleaning Supplies

SNAP CAPS

Snap Caps have a variety of uses around the bench. It is generally accepted that one shouldn't drop the firing pin on an empty chamber - which is the primary reason to have Snap Caps for your favorite guns. You should always use Snap Caps when checking or adjusting the trigger pull. If you prefer to release the tension on the hammer springs, when storing your guns, Snap Caps are ideal. Whatever your needs, Snap Caps are handy and inexpensive.



Shotgun.....2	MSRP	25	MSRP
12 Gauge	280-986	\$5.59	613-832
16 Gauge	878-078	\$5.12	869-524
20 Gauge	191-808	\$5.12	588-216
410 Bore	358-983	\$5.12	383-375
Rifle10	MSRP	25	MSRP
22 Rimfire	831-787	\$4.78	486-758
Rifle2	MSRP	25	MSRP
223 Remington	415-091	\$8.60	151-827
243 Winchester	270-693	\$8.60	306-829
270 Winchester	709-600	\$8.60	419-134
308 Winchester	134-402	\$8.60	752-679
30-06 Springfield.....	391-320	\$8.60	114-549
7.62x39mm Russian ...	787-336	\$8.60	455-033
45-70 Gov't,			
45-90, 45-120	378-183	\$8.60	117-350
Pistol5	MSRP	25	MSRP
32 ACP	647-663	\$11.46	601-284
380 ACP	337-377	\$11.46	405-305
9mm Luger	303-958	\$11.46	176-177
40 S&W	745-435	\$11.46	607-283
10mm	171-214	\$14.55	446-854
45 ACP	146-331	\$11.46	435-232
Revolver.....6	MSRP	25	MSRP
38 Special,			
357 Magnum.....	321-398	\$11.46	557-192
44 Magnum.....	347-873	\$11.46	623-002
44-40 WCF	721-808	\$14.55	877-632
45 Colt	612-637	\$11.46	452-635

GUN BRIGHT

Scrub off grease, grime, and rust without damaging your firearm. Amazing, all stainless steel pad is tough on rust, but gentle on bluing. Used with a penetrating oil and a gentle touch, the Gun Bright Pad is capable of sweeping away surface rust from your firearms while leaving any remaining original bluing intact. Adding a tuft to a shotgun brush quickly scours plastic and powder fouling out of your barrel. Great for removing carbon deposits and other stubborn buildups.



Product #439-502.....MSRP \$7.20

SHOP TOWELS

Every workbench has a multitude of uses for the standard red shop towel. They are indispensable for wiping off guns, cleaning up spills and dozens of other uses around the shop. Made from 100% cotton, so they are lint free, ultra-absorbent and machine washable. Pack of 10 (approx. 15" x 15").



- Ultra-absorbent, cotton towels specifically for wiping down firearms
- Replaces the pile of dirty rags on your workbench
- Re-Usable: Just machine wash and dry

Product #387-044.....\$6.60

GUN CLEANING PICKS

Here's a clever idea that belongs in every cleaning kit - Gun-Cleaning Picks. This set of four picks with different configurations on each end provide eight different combinations to get into those tight, hard to reach places. Made of high-strength polymer so they won't scratch the finest surface. Set of four picks.



- Handy tools offered only by Tipton
- Helps you reach the most important, tightest spots in your firearms
- Made of a high-strength polymer that won't scratch your gun
- Set of 4 Picks, each has a different shaped tool at each end

Product #549-864.....\$4.47

MAINTENANCE MATS

The perfect material to lay on your workbench while cleaning or disassembling firearms. No-mar, low-pile surface protects firearm finishes while helping keep track of small parts. Excess oils and solvents are absorbed into the mat, keeping the surface clean and dry. The Tipton Maintenance Mat rolls easily to fit in your range box. Machine or hand washable.



Description.....	Product #	MSRP
12" x 24"	602-557	\$12.31
16" x 54"	380-861	\$17.91

DELUXE GUNSMITHING SCREWDRIVER SET

Screwdrivers are the most important and most-used gunsmithing tools. Wheeler's Deluxe Gunsmithing Screwdriver Set is the kit that belongs on every gunsmithing bench - the well thought-out bit selection will put an end to burred, bugged, busted up screw slots on any gun that comes your way. The bits make up the heart of any screwdriver set, and Wheeler's are the finest available. They're made from S2 tool steel and hardened to 56-58 Rockwell "C." Unlike other screwdriver suppliers, Wheeler's engineers measured the screws on over one hundred modern and antique firearms to make sure that we offered bits for every situation. Whether you're working on a Browning Superposed, a Remington 700, a Smith & Wesson revolver, or a Colt Single Action, you'll find that there's a bit to fit every screw on your gun. The 54 Hollow-ground flat bits range in size from .120"x.020" to .360"x.070", and includes doubles in the thinnest sizes. (Any gunsmith will tell you that you're occasionally going to break the ultra-thin bits on stubborn screws. This set includes two each of the very thinnest bits, which means you'll never be stuck in the middle of a job without the proper bit. Replacement bits are available in three packs for a very modest price.) The set also includes a complete selection of Phillips, Allen, and Torx bits to cover scope rings, bases, recoil pads, and the like. The difference in the "basic set" and the "professional set" lies in the 17 ingenious "specialty bits" that are included in the "professional" set. These 17 pieces include all of the bits pictured below. These bits are great for installing scope bases, getting you out of a pinch by providing a small pin punch when you really need it, and keeping once-in-a-while life-saver tools at your fingertips. Both sets come with two handles made from comfortable overmolded plastic. The first is a regular size handle that's good for most jobs, and the second is a slimmer, shorter "Close Quarters" handle that is good for finesse work with smaller bits. Both sets also come in a durable custom box that's ready for the bench or your range kit. Patent pending.



Description.....	Product #	MSRP
Professional Set.....	562-194.....	\$106.40
Basic Set.....	776-737	\$73.92
Upgrade Set.....	748-555	\$44.78

The Professional Set contains: • Hinged storage box • 2 ergonomic handles • 3" shaft extension • Hex to square drive adapter • 54 Flat Bits • 8 Allen Bits • 4 Phillips Bits • 3 Torx Bits • 15 Specialty Bits and Accessory Tools for Colt®, Remington®, Smith & Wesson®, Mauser, Glock®, Garand, Ruger®, and more!

Contains the 15 Specialty Bits, shaft extension, and square to hex adapter found in the Professional Set.



Weaver/Ruger Scope Ring Clamp Bit



Redfield Windage Screw Bit



Leupold Windage Screw Bit



Mauser Stock Bolt Bit



Millett Rear Sight Adjustment Bit



.118" Pin Punch



Ruger/Colt SA Base Pin Latch Nut Bit



M1/M14/M1A Rear Sight Bit



.062" Pin Punch



.093" Pin Punch



Remington M870/1100/1187 Trigger Plate Pin Punch



2" #2 Phillips



Glock Replacement Front Sight Screw Bit



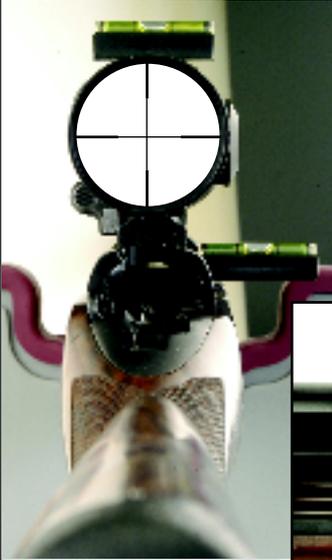
S&W Rebound Spring Compressor Tool

CERAMA-COAT

Wheeler Engineering's Cerama-Coat is a spray-on metal finish that brings new life to old guns without expensive airbrushes or painting equipment. This one-can solution is the toughest metal finish available. This is an ultra-modern formula that contains a ceramic matrix, giving the finish ultimate durability, wear-resistance, and protection against rust and solvents. The matte black color won't spook game and looks great on any gun. Applying Cerama-Coat is easy. Degrease the item to be coated, shake the Cerama-Coat can vigorously and spray the parts with three light coats of finish. Bake the part in an oven at 350 degrees for 30 minutes to cure the finish, and you'll have a finish ready to take the very worst that mother nature can dish out. Each can contains enough to refinish two long guns. Not for use on wood, plastics, or scopes.

Product #	468-993	MSRP \$24.62
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LEVEL-LEVEL-LEVEL

The simplest, most accurate scope leveling system ever devised. Misaligned crosshairs rob you of accurate bullet placement, especially at long range, where it counts. Crooked crosshairs cause your scope adjustments to be unreliable, and even make zeroing your rifle a frustrating and costly experience. The Level-Level-Level works because the scope is leveled to your receiver, not to the top of a scope base. The makers of some scope leveling devices tell you that leveling your scope to the top of the base produces a level scope. Don't believe it! An accurate rifle requires level crosshairs, and the Level-Level-Level gives you the means to level your scope perfectly in only minutes. Level your scope as you mount it on your rifle. The magnetic base in the rifle level bridges the bolt raceway, allowing you to position your rifle perfectly level. Then level the scope, tighten the rings, and the job is done. Works with practically any bolt-action rifle, and is adaptable to other designs. Patent pending.

Product # 113-088 MSRP \$22.40

SCOPE RING ALIGNMENT AND LAPPING KIT

Aligning and lapping of new rings should become the standard practice whenever a scope is installed on a quality firearm. The alignment bars in this kit provide for perfect alignment of both rings and will also diagnose any misalignment problem, vertical or horizontal, giving you the opportunity to fix the problem before damaging the scope or experiencing frustration at the range. The lapping bar is used to lap the rings to improve alignment, reduce stress on the scope and improve the grip of the rings on the scope. It also serves as a lever to rotate dovetail rings into place. Lapping the rings can also minimize or prevent ring marring of the scope. Kit includes: Two alignment bars, lapping bar, lapping bar handle, 220 grit lapping compound and complete instructions.



Description	Product #.....	MSRP
Scope Ring Alignment and Lapping Kit - 1" Rings.....	204-061	\$45.01
Scope Ring Alignment and Lapping Kit - 30mm Rings.....	633-266.....	\$51.19
Lapping Compound Kit (1 each 220, 320, and 600 grit compound).....	342-303.....	\$17.91



Bushing # ..	Fits Drill	Fits Tap.....	Product #	MSRP
1	# 31	--	190-864	\$10.92
3	# 28	6-40 & 6-48	148-395	\$10.92
4	--	8-40.....	175-641	\$10.92

DRILL AND TAP FIXTURE

Drilling and tapping a surplus military action to accept scope bases has never been easier. This handy, inexpensive fixture kit contains everything you need, except for an electric drill. Simply remove the barrel from the action, install the Drill and Tap Fixture, then drill and tap perfectly spaced and perpendicular holes in the top of the receiver. The only fixture on the market designed for use with an electric hand drill. Kit includes one #31 drill, one #1 bushing, one 6-48 tap and one #3 bushing. Works for Mauser 93, 94, 95, 96, 98, Enfield P-14 & 1917, Springfield 03 & 03-A3, Japanese 38s & 99s. If you prefer to drill and tap 8-40 holes, also order the #28 drill, 8-40 tap and a #4 bushing.

Product # 407-518 MSRP \$69.11

Tap Thread	Product #.....	MSRP
6-48	563-994	\$16.89
8-40	220-733	\$16.89
Drill Bit.....	Product #.....	MSRP
31	548-455	\$16.40
28	188-453	\$16.40

Wheeler™

Engineering

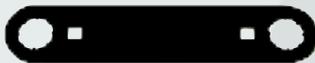
Fine Gunsmithing Supplies

ACTION WRENCHES AND BARREL VISE

Heavy-duty tools to deliver the strength and rigidity required for proper barrel removal and installation. The Action Wrench safely surrounds and supports the receiver ring. The 15" long, 1" diameter steel handle will overcome even the tightest assemblies.



The double-ended Savage Barrel Nut Wrench fits both early and late model nuts on the 110 and 10 series rifles, and features two 1/2" square drive holes for a swing bar or torque wrench. The Barrel Vise provides plenty of holding force to securely clamp your barrel for removal or installation. The Vise includes two pre-drilled oak blocks, 1" and 3/4", and a solid block for custom drilling.



DescriptionProduct #MSRP

Action Wrench #1		
(Mausers with Flat-Bottomed Receivers).....	808-771	\$64.88
Action Wrench #2 (Remington 700).....	414-521	\$64.88
Savage Barrel Nut Wrench.....	123-038	\$27.06
Barrel Vise with 3 Oak Bushings.....	465-185	\$64.88
Set of 3 Replacement Oak Bushings.....	844-879	\$14.22
Lead Barrel Vise Shims	239-444	\$8.40

BOLT FACE LAPPING TOOL

To obtain the utmost in bolt-action rifle accuracy, the bolt face should be perpendicular to the centerline of the action. Because attention is seldom given to the squareness of the bolt face to the centerline of the receiver during manufacture, squaring the bolt face gives us another opportunity to potentially improve the accuracy of the rifle. Before final headspacing, screw it into the receiver threads, apply polishing compound to the face of the mandrel and use a 3/8" electric drill to turn the mandrel and polish the bolt face square to the centerline of the bore. Lapping compound not included, order separately below.



DescriptionProduct #MSRP

Mauser 98 Large Ring.....	214-558	\$25.48
Mauser 93, 94, 95, 96 Small Ring.....	548-543	\$25.48
Remington 700.....	146-975	\$25.48
Savage 110, 112.....	155-509	\$25.48
Lapping Compound Kit (1 each 220, 320, and 600 grit compound).....	342-303	\$17.91

MAUSER RAIL MILLING FIXTURE

When converting a Large Ring Mauser 98 to one of the Magnum calibers, it is usually necessary to open up the feed rails of the receiver to ensure reliable feeding. This simple fixture clamps easily in a milling vise and securely holds the stripped receiver for convenient milling of the feed rails. Can also be used to hold the receiver for polishing, filing, or other hand work.



Product #	546-636	MSRP \$24.84
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HEAD SPACE GAGES

These revolutionary new headspace gages give you plenty of accuracy at an unheard-of price. Use them to establish the proper headspace dimension when rebarreling or rechambering a rifle, and for verifying the headspace in used rifles before they are fired. Precision, hardened alloy steel gages are manufactured to SAAMI specifications to provide you with a feeling of confidence in the safety and performance of your guns. Offered in two sizes based on SAAMI specifications, Minimum and Maximum. Patent pending.



DescriptionMin.....MaxPrice

223 Remington.....	278-799	682-657	\$16.00
22-250, 250 Savage.....	210-061	145-307	\$16.00
257 Roberts, 7mm x 57 Mauser; 8mm x 57 Mauser.....	808-987	102-745	\$16.00
308 Winchester; 243 Winchester; 260 Remington, 7mm-08 Remington, 358 Winchester.....	854-080	758-460	\$16.00
30-06, 25-06 Remington, 270 Winchester; 35 Whelen.....	106-093	790-338	\$16.00
Standard Belted Magnum.....	740-693	506-576	\$16.00

BOLT LUG LAPPING TOOL

For the smoothest operation of a bolt-action rifle, and utmost accuracy, both bolt lugs should be smooth and in full contact with the corresponding lug recesses. In many rifles, this is the exception, rather than the rule. Before final headspacing, thread this tool into the receiver threads, apply lapping compound to the bolt lugs, then open and close the bolt to lap the lugs smooth and into perfect contact with the lug recesses. Lapping compound not included, order separately below.



DescriptionProduct #MSRP

Mauser 98 Large Ring.....	172-500	\$26.22
Remington 700.....	166-702	\$26.22
Lapping Compound Kit (1 each 220, 320, 600 grit compound).....	342-303	\$17.91

RECEIVER SHAPING AND POLISHING FIXTURE

This fixture will hold your Mauser or any other flat-bottomed receiver in place above the jaws of the vise so you can weld, grind, drawfile, or polish easily without bending, crushing, or marring the receiver.



Product #	607-654	MSRP \$39.46
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RECEIVER THREAD TAP



Installing a new barrel can be a lot easier if you "chase" the barrel threads in the receiver first.

This is especially true on Mauser rifles, because we use a 12 threads per inch, 60-degree tap, which is consistent with most aftermarket Mauser barrels. If you have drilled and tapped with the barrel off, this tap will conveniently remove the burrs in the bottom of the threads.

DescriptionProduct #MSRP

Mauser 98 Large Ring.....	392-792	\$65.06
Mauser 93, 94, 95, 96 Small Ring	303-631	\$65.06
Remington 700.....	274-113	\$65.06
Savage 110, 112	621-516	\$65.06

BOLT WELDING FIXTURE AND HEAT SINKS

Welding a new bolt handle on a military rifle has historically been a frustrating and time consuming part of the sporterizing process - especially for the amateur gunsmith. The Wheeler Engineering fixture is a simple, inexpensive way to make this job easier. Simply lock the bolt handle into alignment, then concentrate on welding. A bolt heat sink is a necessity any time you weld or forge the handle on a bolt. The heat sink is a 6" long aluminum rod that threads into the rear of the bolt, in place of the striker assembly during the welding or forging operation. The heat sink conducts heat away from the steel, protecting the locking lugs and cocking cam.



Description	Product #	MSRP
Bolt Welding Fixture.....	872-125	\$34.82
Heat Sink for Mausers.....	667-507	\$20.58

HEAT CONTROL PASTE



Wheeler Heat Control Paste actually blocks the heat that's generated during welding. It's especially useful when welding on new bolt handles. 16 oz jar.

Product #.....628-225MSRP \$11.99

BOLT HANDLE FORGING BLOCKS

Now there's an easier way to get a Mauser's bolt handle to clear a scope. Fixture your bolt in these blocks and heat the stem with an Oxy-acetylene torch. Forge and sweep back as necessary, then file and polish to suit the job. We recommend using Wheeler Heat Control Paste and Heat Sinks (purchased separately) when forging bolt handles.



Product #.....473-720MSRP \$38.15

RECEIVER FACE TRUING MANDREL



One of the important variables in accuracy is the squareness (or relationship) of the face of the receiver to the barrel shoulder.

Factories hold this to typical manufacturing tolerances, which you can almost always improve upon. Installing this tool in the barrel threads (in place of the barrel), then holding it securely in the headstock and tailstock of the lathe allows for a light cut across the face of the receiver that will provide for a perfect mating of the barrel shoulder to the receiver face.

Description	Product #	MSRP
Mauser 98 Large Ring.....	736-059	\$35.78
Mauser 93, 94, 95, 96 Small Ring.....	125-866	\$35.78
Remington 700®.....	601-783	\$35.78

REPLACEMENT BOLT HANDLE

The Wheeler Replacement Bolt Handle is machined from high-nickel alloy bar stock that welds, polishes, and blues easily to match the rest of your gun.



Description.....	Quantity...	Product #.....	MSRP
Replacement Bolt Handle	1	182-970	\$9.98
Replacement Bolt Handle	6	855-383	\$57.98

RECEIVER LUG RACEWAY POLISHING TOOL

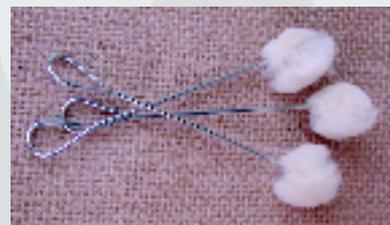


A Receiver Lug Raceway Polishing Tool is the fastest, easiest way to achieve glass-smooth bolt travel. Wrap a piece of fine grit sandpaper around the split end, secure with the set screw, and slide the polishing tool back and forth in the bolt raceway in the receiver to get a glass-smooth feel in your action. It works for most popular bolt action rifles.

Product #.....620-017MSRP \$41.47

SHOP SWABS

Dozens of uses in the shop. Flood cutting oils, lubes, and preservatives onto metal components, patches, or other surfaces. Long-lasting, durable daubers with looped metal shank hold product with no drips. Available in packs of 50 and 100.



Description.....	Quantity...	Product #.....	MSRP
Shop Swabs	50	644-083	\$8.38
Shop Swabs.....	100	356-830	\$14.54

LIQUID APPLICATOR BRUSH



These 100% natural bristle brushes are the perfect tools for application of small amounts of lubes, solvents, Heat Control Paste, blue and rust remover; fluxes, and other liquid products in the shop. Each brush features a 1/2" wide head, bright metal handle, and is 6" in overall length. Available in quantities of 2 and 12.

Description.....	Quantity...	Product #.....	MSRP
Liquid Applicator Brushes.....	2	325-640	\$2.78
Liquid Applicator Brushes	12	836-940	\$4.46

Wheeler™ Engineering Fine Gunsmithing Supplies

PUNCH SETS

Quality crafted Steel and Brass Punch Sets assist the gunsmith in assembly and disassembly of all kinds of firearms. Reduce the chances of marring and burring that can occur with improperly sized or makeshift punches. Both Steel and Brass Sets contain eight precision crafted pin punches in sizes you can use. Steel: 1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16". Brass: 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16". The larger non-marring brass punches are particularly useful for drifting sights. Handy roll-up pouch keeps your punches clean and in order. Overall length 4".



Description	Product #	MSRP
Brass.....	780-194.....	\$15.24
Steel	715-055	\$13.56



8 OZ BRASS HAMMER

Perform delicate work without jeopardizing the finish on your prized firearms. Non-marring brass head and a hardwood handle. A must for any gunsmith, from beginner to veteran.

Product #358-496MSRP \$10.70

BASIC GUNSMITHING KIT

Having the proper tools to do a job is the mark of a conscientious workman. Using the right tools saves you time and frustration, plus it reduces the chance of doing damage to your prized firearm. Wheeler Engineering is proud to offer a Basic Gunsmithing Tool Kit to get you started. This kit gives you the basic necessities and allows you to accomplish many beginning tasks without resorting to the use of household tools that weren't intended for the job at hand. These 15 tools or sets were chosen by gunsmiths as the sort of tools we all need. No frills, but no esoteric products that just take up space. The perfect place to start a gunsmithing tool box.



- Space Saver Screwdriver Kit • Nylon/Brass Hammer • Stainless Gunsmith Pick Set
- 8-piece Steel Punch Set • M16 Brush • Dial Calipers • Long Nose Pliers • 6" Hand File, Smooth Cut • India Stone-1/2"x1/2"x6" • Brass Drift • Mini Screwdriver Set • Cleaning Brush • Magnifier • Needle File Set • Surgical Tubing

Product #186-740MSRP \$120.00

HEAVY DUTY VINYL GLOVES

These heavy-duty green vinyl gloves will last through several applications of strong chemicals like rust and blue remover, or any job where skin protection is recommended or required. Keep your hands free of cutting oil, lubes, preservatives, or any product that may cause skin irritation. Available in two sizes, medium and large. (See sizing chart on page 35.)



Description	Product #	MSRP
Medium	188-399	\$5.59
Large.....	590-420	\$5.59

NYLON/BRASS HAMMER



Likely to become your favorite hammer at the bench or on the range. Nylon face is non-marring and is great for alignment and other uses where a steel hammer is not appropriate. Brass face can be used for driving pins and punches, and a multitude of other uses. 11" overall. Weighs 8 oz.

Product #711-016MSRP \$13.25

UNIVERSAL BENCH BLOCK

For firearm assembly and disassembly, the Universal Bench Block is your best friend. It features a variety of notches, grooves, and holes on both sides and is ideally suited for M1911-style pistols. Need to install a pin, detent, or spring? The Universal Bench Block is the answer. 1-5/16" high, 4" in diameter. Non-marring urethane for long use.



Product #672-215MSRP \$17.70

BORE LAPPING KIT

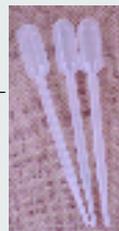
Lap your barrels to make them shoot better and easier to clean. Lapping polishes out the tool marks left in rifle barrels during manufacturing. Traditional hand-lapping is very labor intensive and requires pushing lead slugs down the bore by hand. The Wheeler kit allows you to embed lead or jacketed bullets with abrasive and fire them through your barrel. Lapping is as easy as roll, load, and shoot. Works in everything from old .22 rimfires to neglected hunting rifles. Works to improve all but the very roughest bores. The results in appearance and performance can be surprising. Kit includes three jars of high quality abrasive pastes, two steel embedding plates, and complete instructions.



Description	Product #.....	MSRP
Bore Lapping Kit	299-849	\$26.76
220 Grit Lapping Compound - 1 ounce jar.....	885-040	\$6.74
320 Grit Lapping Compound - 1 ounce jar.....	378-413	\$6.74
600 Grit Lapping Compound - 1 ounce jar.....	395-155	\$6.74
Lapping Compound Kit (1 each 220, 320, and 600 grit compound).....	342-303	\$17.91

PIPETTES™

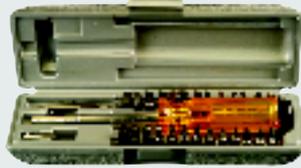
All-plastic, disposable "eye droppers" are just the ticket for measuring and transferring liquid products. Great for cold bluing solutions, cutting oils, solvents, preservatives, etc. Two lengths, 3-1/2" and 6" lengths match the job at hand. Put the product just where you want it. Available in quantities of 2 and 12.



Description.....	Quantity...	Product #.....	MSRP
Pipettes, 3-1/2"	2	698-691	\$2.22
Pipettes, 3-1/2"	12	210-523	\$4.46
Pipettes, 6"	2	500-383	\$2.22
Pipettes, 6"	12	879-889	\$4.46

SPACE SAVER GUNSMITHING SCREWDRIVER SET

Less than half the size of comparable gunsmithing screwdriver sets! The Wheeler Space Saver Gunsmithing Screwdriver Set takes up very little space on your bench, but contains a durable and comprehensive set of 26 bits chosen to meet most of your gunsmithing needs. It's also the perfect size to include on your trips to the range and the field. Included with the standard, Phillips, hex, and torx bits, is a 2" long #2 Phillips bit which is ideal for recoil pad installation, and a hex-to-square conversion bit which allows you to use 1/4" square drive sockets and other attachments. The magnetic handle is perfectly sized for gunsmithing needs, and is also hollow-handled, allowing you to carry a variety of bits should the need arise.



Product #664-507MSRP \$15.66

AR-15 HAMMER DROP BLOCK

Install or rework the trigger or safety on the AR-15 and test your work without fear of damage to either the hammer or the lower receiver. The durable polymer block fits into the magazine well and blocks forward travel of the hammer, allowing dry firing plus observation of the function of the disconnecter.



Product #703-051MSRP \$22.24

STAINLESS STEEL PICKS

You'll wonder how you ever got along without these handy tools.

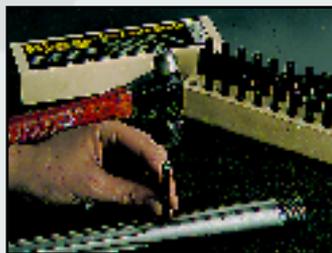
Useful for a variety of functions including assembly and disassembly of firearms (especially helpful for hooking and unhooking springs), scraping dirt and residue from hard to reach places, scribing lines in both metal and wood, etc. Four separate double-ended tools offer eight distinctly different picks to accommodate your needs.



Product #324-770MSRP \$11.18

LETTER AND NUMBER STAMP SET

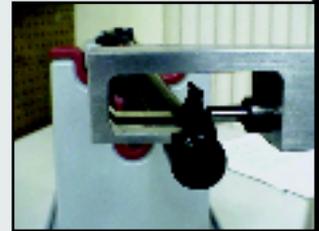
The Wheeler Engineering Letter and Number Stamp Set is especially useful for marking caliber designations on barrels, but you'll find yourself marking tools, keys, and other metal items with these 1/16" high stamps.



Product #194-679MSRP \$59.43

FRONT SIGHT INSTALLATION AND REMOVAL TOOL

This tool is designed for adjusting or removing any ramp-type front sight. It cannot be used to adjust sights that are dovetailed directly into the barrel of any firearm. Ramp-type front sights can be adjusted, installed or completely removed with ease and without fear of a slipped punch or errant hammer strike marring the sight or barrel, or loosening the ramp. The screw action of the tool allows for precise adjustment of the sight by providing constant, even force. The Front Sight Installation and Removal Tool is hand held and easily portable. The thread block is constructed of aluminum for reduced weight. The adjuster and handle are made of steel for durability.



Product #735-470MSRP \$48.98

PREMIER COLD BLUE

If you are like most of us, you've had some bad experiences with cold blues. Most cold blues just don't work all that well. All are compromises and fall short in durability, ease of application, or consistency of color. We teamed up with an international chemical research firm to develop a cold blue that produces hot blue results without the hassle. Our engineers tested over 30 formulas and over 50 processes to find the formula and procedure that was not a compromise. Wheeler Engineering is proud to announce the first hand-applied, home gun blue that really works! It's so good we can recommend it for bluing an entire firearm as well as just touching up worn spots. It produces the look of a hot-blue but with an even tougher, more abrasion resistant finish. The finish is dense, durable and long-lasting. You know it is durable because you actually card or rub down the finish with steel wool between coats. No need for ovens or extended curing times. Simply prepare the metal, apply Premier, rinse with water, dry, card with degreased steel wool, and repeat until the desired color is achieved. Properly applied, Premier never produces after rust. Complete instructions provided.



Product #481-456MSRP \$48.98

MINI SCREWDRIVER SET

The perfect answer to those jobs involving tiny screws in firearm component assemblies like adjustable triggers and sights, even cameras and fishing reels. These six miniature screwdrivers, three flat, three Phillips, can get you out of a bind. Small, convenient-size handles with rotating heads allows finger-tip control without having to lift the screwdriver from the screw.



Product #283-321MSRP \$8.94

Tipton Best
Gun Vise

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Caldwell
Rock BR

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See pages
2 and 3 for other
new products
from Battenfeld.



Wheeler
Deluxe
Screwdrivers

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New Products 2005

BattenfeldTM

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