

e-June 2022

the

# eBlue Press

**NEW!**  
**Dillon**  
Automation  
**DA 3000**

Page 11

**NEW Items**  
**@dillonprecision.com**





# GET TACTICAL

With Shooters World Tactical Rifle powder. Load your .223 or 5.56 case to NATO standard and achieve reliable function and reduced recoil. This propellant is extremely low in residue, muzzle smoke, flash suppressed, and temperature stable to create a perfect powder for your AR needs.



[www.shootersworldpowder.com](http://www.shootersworldpowder.com)



# What's Inside:



## TPS Arms M6 Takedown Survival Rifle by Jonathan Kilburn

Page 8

## The FBI's Last Wheel Gun by Gus Cotey

Page 38



## The Worst Target in the World by Clayton Walker

Page 50

## .45 ACP: The Handloader's Cartridge by Duane Thomas

Page 74



# Product Index

### Dillon Precision Reloading Machines:

BL550	27
Square Deal B	28
RL550C	24
XL750	20
SUPER 1050	16
RL1100	12
SL900 Shotgun Loader	70
Big Fifty Reloader .50 BMG Loader	70
CP2000 Case Processing Machine	4
Vibratory Case Cleaners	6
Case/Media Separators	6
RF100 Automatic Primer Filler	33
Dillon Progressive Reloading Dies	23
Redding Reloading Dies	34
Dillon Electronic Scale	33
Reloading Components	36
Eye & Ear Protection	85-86
Dillon Ammo Boxes & Bins	35
Dillon Leather by Mitch Rosen	45
Dillon Ammo Bag	18
Targets and Target Stands	73
Firearms Maintenance	60-69

**ATTENTION DILLON CUSTOMERS:** Because of changes to California's Proposition 65 that took effect on August 30, 2018, companies doing business in California are mandated to provide warnings on products that may expose Californians to any one or more of a list of approximately 900 chemicals, including Lead, which are "known to the State of California to cause cancer, birth defects or other reproductive harm." The new regulation states that a warning must be "provided in the catalog in a manner that clearly associates it with the item being purchased." Though we have no reason to believe our products could cause harm when used as intended, we now include the appropriate Proposition 65 warnings on some of our products to meet the California "safe harbor" requirements.

# Dillon's Bill of Rights for Reloaders

**All of Dillon Precision's customers have certain inalienable rights when they buy a reloading product:**

- 1. Right of Quality** – YOU THE CUSTOMER have the right to expect a well-designed product, manufactured with quality materials and workmanship that does what the seller claims it will do.
- 2. Right to Test and Send-Back** – YOU THE CUSTOMER should have the right to test the product on your own reloading bench for at least 30 days, and if it does not live up to your expectations, send it back for a full refund.
- 3. Right of Service** – YOU THE CUSTOMER have the right to free, friendly, expert service and technical advice available through a toll-free phone number. This service should include prompt replacement of broken or bad parts – free of charge.
- 4. Right of Warranty** – YOU THE CUSTOMER have the right to a lifetime warranty on any non-commercial-grade reloading product you purchase. *Unfortunately, we can't offer this warranty on textile products and electrical or electronic components.*
- 5. Right to be Heard** – YOU THE CUSTOMER should have the right to speak to someone of authority anytime you can't get satisfaction through normal channels. If our sales representatives aren't able to help you, our supervisors have a mandate to take customer-satisfaction issues all the way to the owner of the company if necessary.

**Editor's Note:** The Bill of Rights for Reloaders is Dillon Precision Products' customer-satisfaction policy. It remains very much unchanged from the day the company was founded. The disclaimer about textile products and electrical or electronic components reflects the reality of how those products are produced in today's world. Ultimately, our founder recognized that satisfied customers are our best advertising, and the only thing that differentiated his company from all the others at the time was the warranty and customer service he offered.

We constantly strive to live up to his standards.  
Please let us know if we're not succeeding.

## the BLUE PRESS

Stephen M. Dillon - Publisher  
Mark G. Pixler - Editor - [bluepress@dillonprecision.com](mailto:bluepress@dillonprecision.com)  
Gary Kieft - Technical Editor  
This Issue's Contributors:

Issue #361  
June  
2022

Jimmi Bonavita John Marshall Clayton Walker  
Gus Cotey Duane Thomas  
Jonathan Kilburn Oleg Volk

Copyright 2022 by  
Dillon Precision  
Products, Inc.

*All the electrical and/or electronic components of Dillon equipment and all Dillon textiles are covered by a one-year warranty from date of purchase. Any modifications performed to Dillon machines, or the addition of any unapproved equipment, including automated or mechanical add-ons from other manufacturers, is expressly not recommended and will void the Dillon warranty.*



# CP2000<sup>^</sup>

## Dillon's DEDICATED Case-Processing Machine!

- Made in the USA
- Eccentric Roller Bearing Drive System
- Smoother Operation, Less Effort
- Higher Throughput, Lower Cost Per Case
- Heavier Frame for Greater Rigidity
- Seven Threaded Stations for More Flexibility
- Upgraded Primer Pocket Swager
- Primer Pocket Swage Available in Two Stations
- User-Replaceable Swage Rod Tip
- Reinforced Toolhead Bolt & Washer
- Improved Shellplate Indexing System
- Processing Speed up to 2000 Cases Per Hour

Designed to complement our RL1100 and Super 1050, the CP2000 offers higher speed, greater versatility and added case processing capability...all at a much lower cost than dedicating a RELOADING machine to prep brass! If you're loading mass quantities of ammo, the CP2000 will make your task MUCH easier.

**\$1799<sup>00\*</sup>**

**CP2000 Case Processor 66200**

Case Trimmer, Trim Die, Short Trim Die Toolhead, Universal Decapping Die and Second Back-Up Expander Die Sold Separately

<i>Total price as pictured with optional accessories: \$3043.00</i>		
RT1500 Case Trimmer	62164	\$425.00
.300 Blk Carbide Trim Die	62140	\$220.00
Short Trim Die Toolhead	66026	\$280.00
.300 Blk Caliber Conversion	66210	\$180.00
.300 Blk Expander Back Up	62372	\$55.00
Universal Decapping Die	22127	\$36.00
Small Rifle Casefeed Plate	21074	\$48.00

# Rapid Trim 1500 Case Trimmer<sup>^</sup>

Dillon's  
RT 1500  
shown  
installed  
on an  
XL 650.

The RT1500 is used just like a standard size die. The big difference is that while you are pushing the case into the die to size it, an electric motor driving a carbide cutter at 4500 RPM is trimming the case to length. Chips are drawn off through a vacuum manifold that clamps to the outside of the special size/trim die. (*Vacuum cleaner and hose not included.*) The RT 1500 is equipped with a

quick-disconnect power cord; and it can be used on any standard reloader, single stage or progressive.

The RT1500 Case Trimmer **62164** is **\$425.00**. (Available only in 110 volt 60 hz.) Size/trim dies are sold separately (see chart below). Replacement carbide cutting blades, **13141**, are **\$25.00** each. Upper lock rings, **13559**, are **\$9.00** each.

## RT1500 & 1200B Size/Trim Die Calibers<sup>^</sup>

.204 Ruger	21028	\$82.00
.222 Rem.	21363	82.00
.223 Rem.	20107	72.00
.223 Rem. Carbide	19797	220.00
.220 Swift	21364	82.00
.22-250 Rem.	20110	82.00
.243 Win.	20109	82.00
.25-06 Rem.	21367	82.00
6.5 Creedmoor (1500 only)	62290	82.00
6.5 x 55mm	21495	82.00
.270 Win.	20112	82.00
7mm Rem. Mag.	21366	82.00
.30-30 Win.	20111	82.00
.300 WSM	21029	82.00
.308 Win.	20106	72.00
.308 Win. Carbide	62126	220.00
.30-06	20108	72.00
.30-06 Carbide	62159	280.00
.300 Win. Mag.	21370	82.00
.300 Wby. Mag.	21371	82.00
.303 Brit.	21765	82.00
8 x 57 Mauser	21502	82.00
RT 1500 Motor Only	61500	\$400.00

### RT 1500 Short Trim Dies

**NOTE: The following dies MUST be used with a Short Trim Die Toolhead.**

.300 Blk Carbide	62140	\$220.00
6.8 SPC	62238	82.00
7.62 x 39	62237	82.00



### Short Trim Die Toolheads

RL 550	62231	\$62.00
(Includes modified vacuum manifold.)		
XL 750/650	62112	57.00
RL/Super 1050 <sup>^</sup>	62219	280.00
CP 2000 <sup>^</sup>	66026	280.00
(Blue 1050 Toolhead Stand not included.)		

## MILITARY BRASS?

**Eliminate the "Grunt Work" with  
Dillon's Super Swage 600**

Until now, reusing military brass, with its crimped primer pockets, has been a tedious task. The Dillon solution is a remarkably simple device that bolts to your bench and allows you to swage the primer pockets with speed and ease. The case is supported from the inside, so you won't be tearing the rims off the brass. A tool steel, hardened swage rod (easy to change from large to small primers) simply rolls the crimp away. No reaming is necessary. Our unique compound cam leverage system assures not only ease of operation, but perfect alignment with each and every round. Sound simple? It is and it works. What's more, it's inexpensive. The Super Swage 600 comes with large and small swage rods.

6.8 SPC Back-Up Rod	62124	\$27.00
9mm Adapter	62168	20.00
.40 S&W Adapter	62169	20.00



**20095  
\$135.00**



## Dillon's 303 Stainless Steel Headspace Case Gages Won't Rust!

**H**eadspace Case Gages are essential for setting your rifle size die, and make it easy to ensure that your loaded pistol rounds will function in your firearm.

.223 Remington	13254	\$37.00
.308 Winchester	12867	38.00
.30-06 Springfield	12679	39.00
.380 ACP	15160	23.00
9mm Parabellum	15161	23.00
.38 Super	15158	23.00
.38 Special	15159	23.00
.357 Magnum	15163	23.00
.40 S&W	15164	23.00
10mm	15162	23.00
.44 Magnum	15165	23.00
.45 ACP	15166	23.00
.45 Colt	15167	23.00
.45 GAP	12672	23.00

<sup>^</sup> **WARNING:** The products offered for sale in this catalog can expose you to chemicals, including Lead, which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Blue Press**



# Case Preparation Equipment



## CV2001 – The Industry Standard

Dillon's CV2001 Vibratory Case Cleaner is one of the largest in the industry. Its 12-1/2 quart bowl capacity will allow you to polish up to 1,300 .38/.357 or 550 .30-06 cases per hour. Not only is our capacity greater than most, but our motor is also larger in horsepower, internally cooled, thermally protected, and turns on precision ball bearings. This is no "hobby" machine! The bowl and base are constructed of 7/32" thick injection molded high-strength polypropylene which is impact and abrasion resistant.

## Case/Media Separators

After we sold thousands of our famous first generation FL-2000 case cleaners, customers who had purchased them began asking us to address the problem of separating the cleaned and polished brass from the cleaning media. We knew from the beginning that the simplest method of separating would be a rotating squirrel cage, but we had to find a design we could manufacture economically. Our problem was that it had to be BIG – big enough to handle the entire load of the FL-2000 series case cleaners. The solution was an injection molded reversible part. Simple, and it works great. Our device is large, 10" x 14",

**Rapid Polish 290** is the first cartridge case finish designed specifically to bring a brilliant shine (20 percent brighter than tumbling media alone) and a protective coating to reloaded ammunition. Simply add several capfuls to the media in your tumbler and run. Rapid Polish 290 has a great residual value and stays in your tumbling media. You'll use less each time you clean your cases.

*Rapid Polish 290 contains no ammonia, so it won't weaken brass cases!*

*Rapid Polish 290*

8 oz. bottle.	<b>13804</b>	<b>\$9.99</b>
Case (20 pc.)	<b>20255</b>	<b>149.99</b>



## Vibratory Case Cleaners Case/Media Separators



<b>CM2000 Case/Media Separator</b> ^	<b>20675</b>	<b>\$110.00</b>
<b>CM500 Case/Media Separator</b> ^	<b>21045</b>	<b>\$80.00</b>

and will hold more than 1,600 .38 Special cases. It sits on a large media collection tub that measures 18" x 22". The tub keeps the mess off the floor and bench. It's fast – so fast it will remove media from 1500 rounds of .223 brass in a matter of seconds.

## Limited Work Space?

Dillon created the CV750 heavy duty Vibratory Case Cleaner for those with limited space. This case cleaner uses the same motor as the CV2001 and is every bit as tough – just more compact. To accompany the CV750, the CM500 does the same job as the larger CM2000 Case/Media Separator; and, like the CV750, handles just about half the capacity of the larger unit. Although scaled down in size, these two pieces of equipment are every bit as tough as their full-sized counterparts. We used the same materials in their construction and designed them to work just as hard – and do it in a more compact area!

CV2001 ^, US 110v	<b>20493</b>	<b>\$250.00</b>
CV750 ^, US 110v	<b>19455</b>	<b>190.00</b>
Euro 220v CV-2001 ^	<b>22047</b>	<b>280.00</b>
Euro 220v CV-750 ^	<b>19473</b>	<b>225.00</b>

Dillon's **D.C.L.** non-aerosol case lube is easy to use. Simply lay your cases out, spray lightly with one or two passes and you've done it. No mess, no guesswork. Within minutes the lubricant distributes itself around the cartridge cases and you're ready to load. Try a bottle. You'll never use a grease pad again.



8 oz. bottle	<b>13733</b>	<b>\$15.99</b>
Case (20 pc.)	<b>20256</b>	<b>223.99</b>

10 bottles of polish/10 of lube ^	
Case (20 pc.)	<b>21375</b> <b>\$186.99</b>

## Don't Forget Polishing Media!

Crushed walnut hull polishing media quickly cleans even the dirtiest of cases and is the best solution for badly tarnished, range-pick-up brass.

12-pound bucket **13287** **\$24.50**

Ground corn cob polishing media is the best there is for that final polish. Leaves your brass looking better than factory new!

10-pound bucket **13496** **\$16.50**

# CLEAN AS A WHISTLE.

A VERY QUIET WHISTLE.



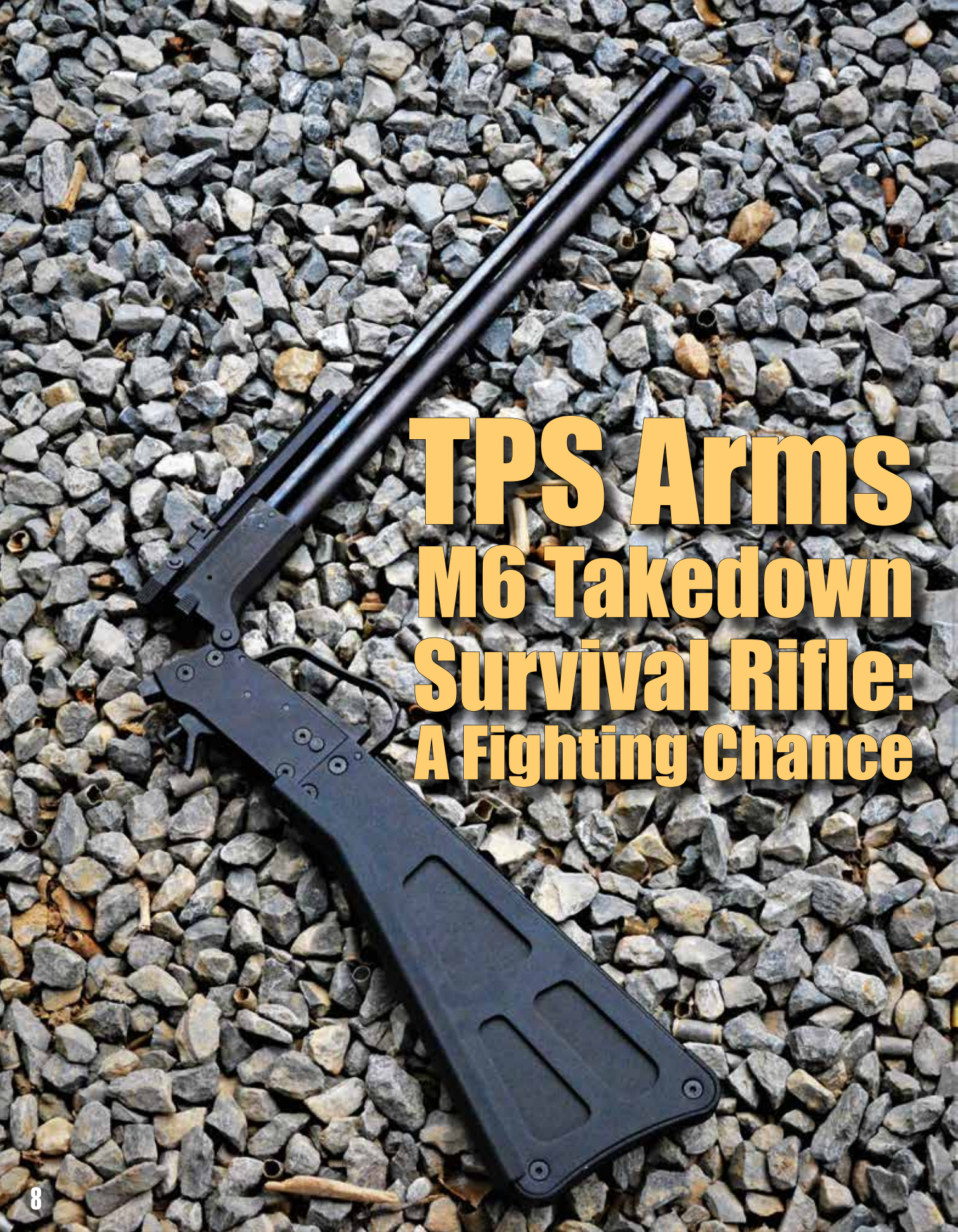
## KNOCK OUT FOULING FOR 300 BLACKOUT.

Give your cleaning kit and hearing protection some well-earned time off. Because the first powder optimized for suppression and copper fouling elimination has arrived.

Phone 913-362-9455 • [www.hodgdon.com](http://www.hodgdon.com)





A black takedown survival rifle is shown lying diagonally across a bed of grey and brown gravel. The rifle has a long barrel, a folding stock, and a trigger guard. The text "TPS Arms M6 Takedown Survival Rifle: A Fighting Chance" is overlaid in a bold, yellow, sans-serif font on the right side of the image.

# **TPS Arms M6 Takedown Survival Rifle: A Fighting Chance**



**By Jonathan Kilburn**

Imagine having to struggle for survival in the wilderness, possibly surrounded by people looking to kill you. Fighting for survival against other people is only one part of the equation. There are so many variables to consider and so many skills to learn when considering struggles in the wilderness. Often, people focus on the firearms they carry or the knives they employ while very few plan for the odd inevitabilities that cannot be predicted. The US Air Force understood that these inevitabilities happen and tried to prepare their aircrews as best as possible. One of the tools they prepared for the unpredictable was the M6 Aircrew Survival Weapon.

Today the M6 Aircrew Survival Weapon is a relic that never saw civilian use. One company is bringing back this particular firearm in a modernized variant. TPS Arms has relaunched the M6 Rifle based closely on the discontinued Springfield Armory M6.

### History

The M6 Rifle is one of those iconic designs that's unmistakable for anything else. The history of its use extends back to the M6 Aircrew Survival Weapon issued to USAF pilots from 1952 until the early 1970s. The original 14"-barreled design featured a .22 Hornet barrel over a .410 bore shotgun barrel and was intended for taking various types of small game. It was never intended for engaging enemy troops.

In the civilian world, the M6 gained popularity as the Springfield M6, a replica of the M6 Aircrew Survival Weapon chambered in .22 Hornet/.410, .22 Long Rifle/.410 and .22 Magnum/.410 with civilian-legal 18.25" barrels. In addition, Chiappa makes an M6 Survival Gun of a similar design featuring a 20- or 12-Gauge shotgun barrel over a .22 Long Rifle or .22 Magnum barrel. One distinguishing difference with the Chiappa design is the addition of an optional X-Caliber

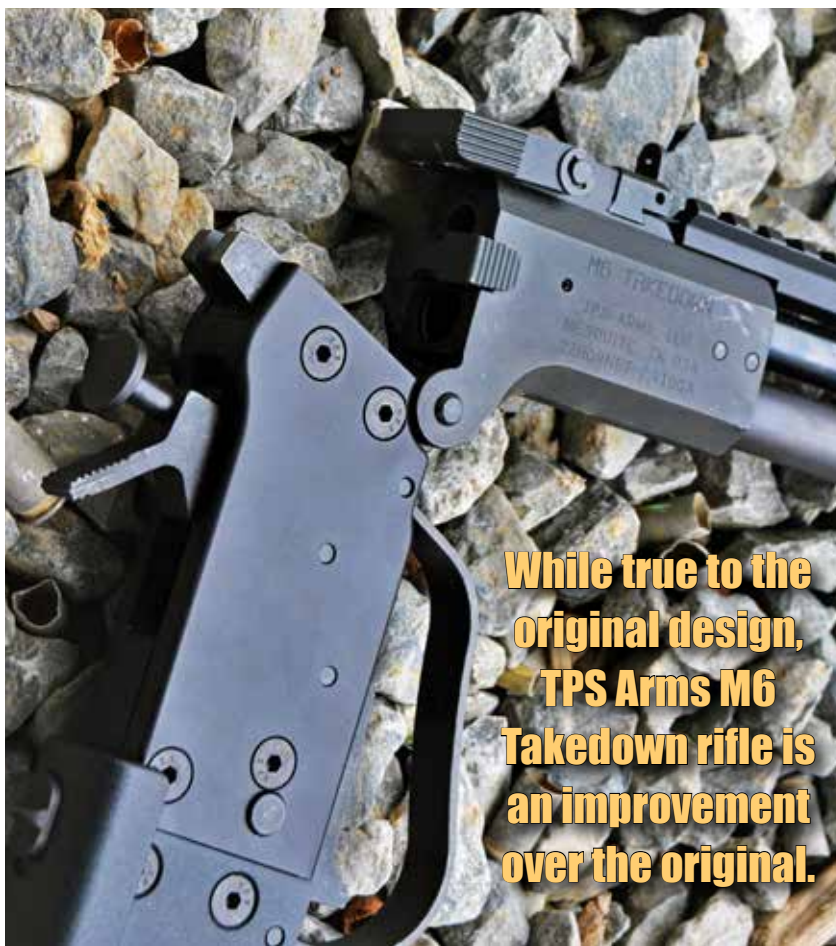
system. The X-Caliber System allows users to put inserts in the 12-gauge barrel and fire a variety of different pistol and shotgun calibers. The X-Caliber system will work with any 12-gauge single-shot shotgun.

### The TPS Arms M6

TPS Arms is a Minnesota-based company that is proud to produce 100-percent American-made M6 Takedown rifles. They have changed some of the main design features for easier use and more durable construction. Their modernization has taken the M6 from a vague icon with reproductions that border on unusable, to a well-thought-out piece of machinery that can be utilized for genera-

tions. Production of TPS Arms' M6 is in Mesquite, Texas, bringing M6 manufacturing back to America.

Staying as true as possible to the original design, the TPS M6 Takedown comes in several caliber options. Each employs an 18.25" .410 bore bottom barrel with removable chokes that accepts 3-inch shells. Above is a full-length rifled 4140 chrome moly barrel with button rifling with small-caliber choices of .22 LR, .22 WMR, .17 HMR, .22 Hornet, .357 Magnum, or a second .410 shotgun barrel. No matter what caliber, there



is integrated ammunition storage in the buttstock.

Barrels are blued steel 4140 chrome moly construction fitted to an aluminum frame which encompasses a compartment closed with an aluminum lid for ammunition storage. Inside the compartment, caliber inserts are housed. How much ammunition can be carried is dictated by the caliber chosen.

One of the defining characteristics of the M6 Takedown is in the name. The takedown pin now utilizes a standard AR15-style pin with integrated retention. Additionally, a Picatinny rail section to mount various types of optics and accessories is available while still retaining the iron sights. Optional notch or ring iron sights are featured.



**The M6 Takedown's most noticeable improvement is the AR-style takedown pin that is retained in the receiver.**



**Featuring a squeeze trigger and crossbar safety, this M6 is both the same and different from the original.**



**The barrel swings free with the use of a retaining latch.**



**This M6 is chambered in .22 Hornet over 410.**

As with any M6 rifle, the use is very simple. Lift the retaining latch, and the barrel seamlessly swings down. Caution should be taken when handling the rifle as scratches are easy to come by when the barrel swings down and strikes something. This is a break-action style firearm so loading and unloading are done the same way.

Compared to Chiappa's M6, the TPS Arms M6 has a much more sturdy and rigid design. Compared to the Springfield M6, the TPS Arms feels equally sturdy but somewhat tighter which may be due to tighter tolerances in the new construction. A barrel selector is integrated into the relatively light hammer. It doesn't take much pressure to cock.

Where this rifle truly stands out compared to any of its predecessors is the trigger. TPS Arms remained consistent with the trigger design of the original Springfield variant and had not altered it to a traditional design as Chiappa has done. However, the TPS M6 Takedown has a significantly lighter trigger pull. This trigger type requires a type of squeezing of the entire stock grip and could profoundly affect accuracy if it required too much effort. A trigger housing of machined aircraft-grade aluminum is integrated flawlessly. The new M6 from TPS appears to have rectified this shooter's struggle in this survival rifle design.

With new rifle designs, the requirement for a safety is mandatory, despite the groan of Marlin owners





### Buttstock ammo storage is name of the game with a “survival weapon.”

everywhere complaining about crossbar safeties. The M6 Takedown is no different. There is a crossbar style safety that is quick, quiet, and easy to switch on or off. Being exposed gives some unreliability since it can easily be bumped, so a hammer-down safety is also employed.

Other upgraded changes have been the buttstock assembly, now made of aircraft-grade aluminum and finished in a mil-spec textured powder coat. The plastic components in the buttstock are all Arctic grade. Each spring is chrome plated and steel parts are finished in black oxide. Choke tubes are manufactured of high-quality stainless.

Thus far, weight and balance are by far superior to other designs. To make carrying easier, optional sling mounts and swivels are available for the TPS M6 rifle.

#### On the Range

I purchased the .22 Hornet/.410 model in order to keep as true to the original as possible. The .22 Hornet is a unique cartridge as it is one of the smallest centerfires available. To me, the ability to utilize reloaded ammunition is essential to a “survival” firearm.

I tested several loads. TPS sent factory ammunition while I provided some handloaded ammunition. The factory ammunition chronographed 2400 FPS and had a group of about 3/4” at 50 yards. I tested my handloads for accuracy using 45-grain spitzer-type bullets with various charges of Vihta Vuori N110 powder. My velocities measured between 1950-2590 FPS. The most-accurate load chronographed at 2205 FPS. With this load, I was able to achieve slightly better than 1MOA at 50 yards or just smaller than 1/2” groups.

With the five-pound weight of the newly redesigned

M6 Takedown, recoil was nearly non-existent. Both .22 Hornet and .410 were easy to handle with only slight learning curves on the basic function of the unique trigger, hammer, and safety functionality. Loading and unloading are simple, and no binding or bulges were present from pressure forming the case to an extractor divot. In all honesty, I couldn’t find a sole problem related to the functionality or construction of the M6 Takedown on the range.

#### Conclusion

Bringing back an iconic platform and design with new, upgraded options is a task that isn’t often executed well. TPS Arms passed down a heritage firearm that far exceeds the original civilian version, the Springfield M6. The designs are so similar that some parts are interchangeable. In addition, TPS offers services for the original Springfield design.

Where the M6 truly stands out is the ease of use and ability to adapt to uncertain environments and terrain. It offers itself for use during unpredictable situations. With the heartiness of TPS M6 Takedown, attention can be focused on the next necessary skill. You can rest assured that the M6 Takedown will function and perform. A lifetime warranty is also offered on various essential parts eliminating the risk of vigorous use and testing.

No matter what your survival challenge may be, TPS Arms M6 Takedown eases some concern and fills the role of a survival rifle with ease.

MSRP prices on TPS M6 Takedown range from \$610-\$660 dependent on caliber. Multiple accessories can be added to the M6 design and are available from [tpsarms.com](http://tpsarms.com).



# RL1100<sup>^</sup>

## STANDARD FEATURES:

- Made in the USA
- Eccentric Roller Bearing Drive System
- Smoother Operation, Less Effort
- Heavier Frame for Greater Rigidity
- Upgraded Primer Pocket Swager
- User-Replaceable Swage Rod Tip
- Spring-Loaded Priming Station Locator
- Reinforced Toolhead Bolt & Washer
- Improved Shellplate Indexing System
- 1050 Caliber-Conversion Compatible
- Two-Year Warranty
- **RISK FREE 30-Day Trial!**

**\$2299<sup>00\*</sup>**

\*Prices vary on exotic-caliber machines.



*Total price as pictured with optional accessories: \$2950.95*

Mr. Bulletfeeder by Double Alpha	15145	\$489.95
Low Powder Sensor	16306	\$52.00
Bullet Tray	22215	\$60.00
RL1100 Toolholder w/Wrench Set	62202	\$50.00



# RL1100 Accessories

## QUICK-CHANGE TOOLHEAD CONVERSION<sup>^</sup>

### Includes:

- Toolhead
  - Powder Measure
- (NOTE: Toolhead Stand sold separately below.)

66215, \$355.00

## CALIBER CONVERSION<sup>^</sup>

### Includes:

- Shellplate
- Locator Buttons
- Swage Backup Rod/Expander
- Casefeed Adapter
- Casefeed Plunger
- Powder Funnel



### Pistol Calibers

.32 ACP	20633/\$180.00
.32 S&W Long	20634/\$180.00
.32 H&R Magnum	20634/\$180.00
.380 ACP	20483/\$180.00
9mm Parabellum	20482/\$180.00
9x25 Dillon	21525/\$180.00
.38 Super	20484/\$180.00
.38 Super Comp	21057/\$180.00
.38 Special	20477/\$180.00
.357 Magnum	20477/\$180.00
.357 SIG	20068/\$180.00
.38-40 Winchester	21160/\$180.00
.40 S&W	20545/\$180.00
10mm	20788/\$180.00
.41 Magnum	20478/\$180.00
.44 Special	20479/\$180.00
.44 Magnum	20479/\$180.00
.44-40 Winchester	21161/\$180.00
.45 GAP	21010/\$180.00
.45 ACP	20480/\$180.00
.45 Colt	20481/\$180.00
.475 Linebaugh	20833/\$220.00
.480 Ruger	20833/\$220.00
.500 Action Express	call
.500 S&W Magnum	20834/\$220.00

### Rifle Calibers

.223 Remington	20485/\$180.00
.223 Rem./Carbide	call
.22-250	21055/\$200.00
.243 Winchester	21054/\$200.00
6.5 Creedmoor	62403/\$200.00
6.5 Grendel	20896/\$200.00
6.8 SPC	20468/\$200.00
.30 Carbine	20626/\$200.00
7.62x39	20631/\$220.00
.300 AAC Blackout	62374/\$180.00
.30-30 Winchester	21052/\$200.00
.308 Winchester	21049/\$200.00
.308 Win./Carbide	call
.45-70 Government	21056/\$240.00

### Conversion#/Price

66107/\$2299.00
66109/\$2299.00
66109/\$2299.00
66108/\$2299.00
66100/\$2299.00
66139/\$2399.00*
66111/\$2299.00
66112/\$2299.00
66113/\$2299.00
66114/\$2299.00
66115/\$2299.00
66121/\$2299.00
66116/\$2299.00
66117/\$2299.00
66118/\$2299.00
66119/\$2299.00
66120/\$2299.00
66122/\$2299.00
66123/\$2299.00
66101/\$2299.00
66124/\$2299.00
call
66125/\$2399.00*
66126/\$2399.00*

### Machine#/Price

66103/\$2299.00
66102/\$2399.00*
66127/\$2399.00*
66133/\$2399.00*
66129/\$2399.00*
66130/\$2399.00*
66131/\$2399.00*
66110/\$2299.00
66132/\$2399.00*
66106/\$2399.00*
66134/\$2399.00*
66105/\$2299.00
66104/\$2399.00*
66136/\$2399.00*

## PRIMER SYSTEM<sup>^</sup>

Large primer system conversion	66217	\$160.00
Small primer system conversion	66216	160.00

## EXTRA CASEFEED PLATE<sup>^</sup>

Large pistol	21072	\$48.00
Large rifle	21075	48.00
Small rifle	21074	48.00
Small pistol	21073	48.00

## POWDER MEASURE<sup>^</sup>

20421	\$145.00
-------	----------

## 1100 TOOLHEAD<sup>^</sup>

66024	\$245.00
-------	----------



## TOOLHOLDER

Keeps the tools you need handy and organized! Wrenches included.

With bracket	62202, \$50.00
W/O bracket	62203, \$45.00

## BULLET TRAY

Designed for "economy of motion" when loading.

22215, \$60.00



## MACHINE MAINTENANCE KIT<sup>^</sup>

Everything you need to keep your Dillon loader cleaned and lubricated up to factory specifications.

Maintenance Kit 22211, \$38.00

## MACHINE COVER<sup>^</sup>

This nylon cover adds security to your loading bench. Comes equipped with a D-ring, allowing the heavy-duty zipper to be locked. 13239, \$39.99

Master lock 13083, \$4.99

## SPARE PARTS KIT<sup>^</sup>

- 1 Super 1050 Spring Bushing
- 1 Cam Guide Bolt 1/4-20
- 1 Ratchet Restriction Tab
- 4 Lock Ring Inserts
- 3 Pistol Decapping Pins
- 2 #10 Tinnerman Inserts
- 1 1/4" E-Clip
- 3 Bellcrank Cubes
- 2 Primer Punch Springs
- 2 1/4-20 3/8 BH Screws
- 4 Locator Pins (#1, #2, #3, #4)
- 1 Tab/Spring Arm Spring
- 2 Pickup Tube Tips, Small, Yellow
- 2 Magazine Orifices, Large, Red

- 2 Pickup Tube Tips, Large, Green
- 2 Magazine Orifices, Small, Blue
- 2 Retaining Clips
- 2 Dispensing Tips, Small
- 2 Dispensing Tips, Large
- CP/RL 1100 Toolhead Spring
- Blue Failsafe Strip Nut
- Power Bar Spacer Plug
- Primer Slide Roller
- Primer Slide Roller Screw
- Primer Station Locator Tab
- Primer Station Locator Spring
- Primer Station Locator Bushing

66206, \$60.00

## PRIMER PICKUP TUBES

Used to transfer primers from flip tray to priming system.

1 Lg.	22029	\$10.00
1 Sm.	22028	10.00
2 Sm., 2 Lg.	20056	35.00
4 Lg.	20050	35.00
4 Sm.	20049	35.00

## PRIMER FLIP TRAY

A heavy, high-quality tray large enough for the Federal primer package. 13606, \$27.00 ea.







# HI-POINT FIREARMS

Hi-Point Carbines and Handguns are striker-fired blow back action firearms that are suited for every budget. With extreme reliability and accuracy they are ready for any shooter.

Handguns and Carbines are chambered in .380Auto, 9mm, .45Auto, .40S&W and 10mm\*, to meet any of your shooting needs.

MODEL 995 BLACK (9mm)  
Barrel: 16.5" 8 RH 1-10"  
1/2x28 Thread  
Featured Accessories:  
Redball 20 round magazine  
Crimson Trace Red dot  
Hi-Point Folding Forward Grip  
Leapers Flashlight

\*10mm only available in the 1095TS carbine

AMERICAN MADE  
AMERICAN PROMISE

HI-POINTFIREARMS.COM

**Barnaul**  
PREMIUM RUSSIAN STEEL CASE AMMO

## Available calibers

5.45x39  
.223Rem (5.56x45)  
.300 BLK \*Coming Soon  
7.62x39  
.308Win (7.62x51)  
7.62x54R  
.30-06Spr (7.62x63)

380Auto (9x17)  
9mm Mak (9x18)  
9mm Luger (9x19)  
.40S&W  
.45Auto

Barnaul Ammunition offers a wide variety of calibers and bullet types to supply modern sporting rifles with accurate and reliable proven performance ammunition.



**Proven performance for uncertain Times!**



Looking for Barnaul Ammunition?  
Head over to [Barnaulammo.com](http://Barnaulammo.com)  
to order some today!



# Mr. Bulletfeeder<sup>®</sup>

## by Double-Alpha

**Mr. Bulletfeeder** has been around for some years now, and has gained a huge following worldwide. The patented system is by far the best performing personal-use bullet feeder on the market, and has been, since its introduction in 2006. Double-Alpha Academy has teamed up with RAK Systems, the original designer and patent holder of the system, to redesign and streamline the product, making it more compact, more versatile, better looking and more affordable than ever before.

The Mr. Bulletfeeder by Double-Alpha is now a production-grade product, with Double-Alpha Academy – a world leader in practical-shooting-related product manufacturing and distribution – at the helm. The design allows the bullet collator to be mounted onto the casefeeder, eliminating any increased footprint and space use, and the new patent-pending dropper is a huge step forward in design, durability and reliability.

### Mr. Bulletfeeder Set Up in One Caliber

9mm/.38/.357	15145	\$519.95
.40 S&W/10mm	15146	519.95
.45 ACP	15148	519.95
.223 Rem./5.56 NATO	15150	539.95
.30 cal./7.62mm	15153	559.95
6.5mm	15154	559.95

### Mr. Bulletfeeder Caliber Conversions

9mm/.38/.357	15168	\$169.95
.40 S&W/10mm	15169	169.95
.45 ACP	15170	169.95
.223 Rem./5.56 NATO	15171	169.95
.30 cal./7.62mm	15172	169.95
6.5mm	15173	169.95

### Replacement Bullet Dropper Dies

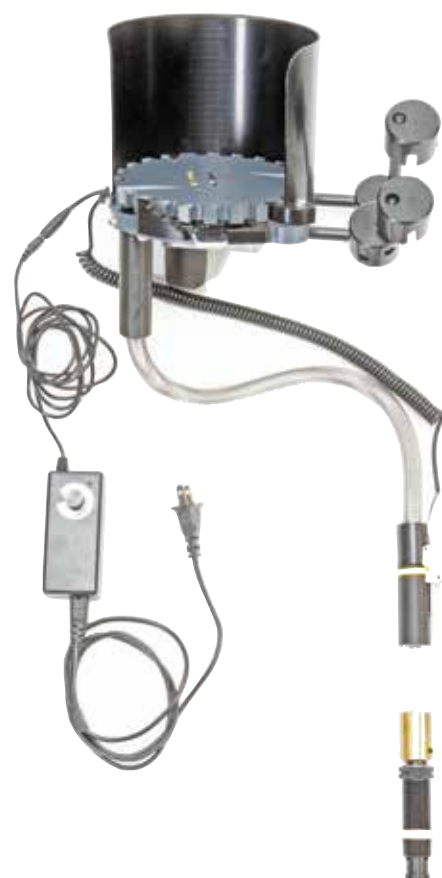
9mm/.38/.357	10218	\$104.95
.40 S&W/10mm	10219	104.95
.45 ACP	10220	104.95
.223 Rem./5.56 NATO	10221	104.95
.30 cal./7.62mm	10236	104.95

### Replacement Output Tube Assemblies

Small Output	10238	\$36.95
Large Output	10239	36.95

### Replacement Nose Guide Spacers

Set of Four	10237	\$4.99
-------------	-------	--------



## It's There When You Need It!

**By Oleg Volk**

When roused from a sound sleep by an intruder, the last thing we want is to wonder where our defensive tools are. Under a pillow, if it didn't shift and fall behind the bed frame? On the bedside table, where any intruder would see it at once? What kind of solution is safe, quick, and simple? Just ask Accurate Manufacturing.

This Texas company makes pistol racks to fit any bed at home or at a hotel, offering seven variants of a quick-draw rack to fit most common handguns. Grip lasers, and red dot sights fit as well. More designs for less common pistols are likely to follow. Designed in America, these racks are even manufactured from all US-made haircell extruded ABS plastic by another Texas company, Primax.

The racks fit between the top mattress and the box spring, with enough bearing area to keep them from

shifting. A 45-degree bend in the bearing surface ensures that the rack can't slip outward from an accidental bump. A contoured opening cut to fit profiles of specific



pistols holds your sidearm ready for retrieval. The rack covers the trigger until after a proper grip has been established and the pistol half-withdrawn. The rack opening is designed for rapid retrieval of your firearm with no elements to snag or bind. A sheet or bed covers can be placed over it to keep the pistol from prying eyes without making it any slower to retrieve. Two versions of each type of rack are made, with the left or the right side of the grip to the foot of the bed.

This product is not intended for use in households with children. It's meant to make your personal defense sidearm readily available

yet concealed from a casual glance.

<https://shop.ampdmarine.com/collections/hunting-accessories>



# SUPER 1050<sup>^</sup>

## STANDARD FEATURES:

- Made in the USA
- Loading Rate: 1000-1200 Rds/Hr
- High Strength Ductile Iron Frame
- Swages Military Primer Pockets
- Automatic Indexing
- Variable-Speed Casefeeder
- Automatic Primer System
- Automatic Powder Measure
- Factory Adjusted Reloading Dies
- One-Year Warranty
- **RISK FREE 30-Day Trial!**

**\$2299<sup>00\*</sup>**

\*Prices vary on exotic-caliber machines.



*Total price as pictured with optional accessories: \$2495.00*

<i>Powdercheck System</i>	<i>21044</i>	<i>\$95.00</i>
<i>Low Powder Sensor</i>	<i>16306</i>	<i>\$52.00</i>
<i>Bullet Tray</i>	<i>22215</i>	<i>\$60.00</i>
<i>1050 Toolholder w/Wrench Set</i>	<i>62202</i>	<i>\$50.00</i>



# SUPER 1050 ACCESSORIES

## QUICK-CHANGE TOOLHEAD CONVERSION<sup>^</sup>

### Includes:

- Toolhead
  - Powder Measure
- (NOTE: Toolhead Stand sold separately below.)

21393, \$355.00



## CALIBER CONVERSION<sup>^</sup>

### Includes:

- Shellplate
- Locator Buttons
- Swage Backup Rod/Expander
- Casefeed Adapter
- Casefeed Plunger
- Powder Funnel



### Rifle Calibers

.22-250  
.243 Winchester  
6.5 Creedmoor  
6.8 SPC  
.270 Winchester  
7.62x39  
.30-30 Winchester  
.300 WSM  
.303 British  
.308 Winchester  
.308 Win./Carbide  
.30-06 Springfield  
.30-06 Sp./Carbide  
.45-70 Government

### Conversion#/Price

21055/\$200.00  
21054/\$200.00  
62403/\$200.00  
20468/\$200.00  
21053/\$200.00  
20631/\$220.00  
21052/\$200.00  
20466/\$230.00  
21051/\$200.00  
21049/\$200.00  
call  
21050/\$265.00  
62179/\$365.00  
21056/\$240.00

### Machine#/Price

21129/\$2399.00\*  
21126/\$2399.00\*  
62404/\$2399.00\*  
21150/\$2399.00\*  
18491/\$2399.00\*  
21144/\$2399.00\*  
21003/\$2399.00\*  
21110/\$2399.00\*  
21060/\$2399.00\*  
21058/\$2299.00  
21068/\$2399.00\*  
21059/\$2299.00\*  
62178/\$2475.00\*  
21064/\$2399.00\*

## TOOLHEAD STAND

If you have more than one toolhead set up for your 1050, this is a must have to store it.

62200, \$58.00

## 1050 PRIMER SYSTEM<sup>^</sup>

Large primer system conversion

20476

\$160.00

Small primer system conversion

20419

160.00

## EXTRA CASEFEED PLATE<sup>^</sup>

Large pistol

21072

\$48.00

Large rifle

21075

48.00

Small rifle

21074

48.00

Small pistol

21073

48.00

## 1050 POWDER MEASURE<sup>^</sup>

20421

\$145.00

## 1050 TOOLHEAD<sup>^</sup>

20420

\$245.00



## TOOLHOLDER

Keeps the tools you need handy and organized! Wrenches included.

With bracket 62202, \$50.00

W/O bracket 62203, \$45.00

## BULLET TRAY

Designed for "economy of motion" when loading.

22215, \$60.00



## MACHINE MAINTENANCE KIT<sup>^</sup>

Everything you need to keep your Dillon loader cleaned and lubricated up to factory specifications. Available alone or in combination with a spare parts kit.

Maintenance Kit 22211, \$38.00

## MACHINE COVER<sup>^</sup>

This nylon cover adds security to your loading bench. Comes equipped with a D-ring, allowing the heavy-duty zipper to be locked. 13239, \$39.99

Master lock 13083, \$4.99

## SPARE PARTS KIT<sup>^</sup>

1 Super 1050 Spring Bushing  
1 Cam Guide Bolt 1/4-20  
1 Super 1050 Toolhead Spring  
1 Priming Station  
Retaining Tab  
1 Ratchet Restriction Tab  
4 Lock Ring Inserts  
3 Pistol Decapping Pins  
2 #10 Tinnerman Inserts  
1 1/4" E-Clip  
3 Bellcrank Cubes  
2 Primer Punch Springs  
2 1/4-20 3/8 BH Screws  
4 Locator Pins (#1, #2, #3, #4)

1 Tab/Spring Arm Spring

2 Pickup Tube Tips, Small, Yellow

2 Magazine Orifices, Large, Red

2 Pickup Tube Tips, Large, Green

2 Magazine Orifices, Small, Blue

2 Retaining Clips

1 Slide Roll Pin Sleeve

2 Dispensing Tips, Small

2 Dispensing Tips, Large

20779, \$60.00

## PRIMER PICKUP TUBES

Used to transfer primers from flip tray to priming system.

1 Lg. 22029 \$10.00

1 Sm. 22028 10.00

2 Sm., 2 Lg. 20056 35.00

4 Lg. 20050 35.00

4 Sm. 20049 35.00

## PRIMER FLIP TRAY

A heavy, high-quality tray large enough for the Federal primer package. 13606, \$27.00 ea.



# Dillon's Range Bag<sup>^</sup>



**33389 \$139.99**

Borrowing design features from Dillon's original range bag, but with upgraded metal D-rings and clips for the shoulder strap, Dillon's "Retro" Gray Range Bag is constructed of heavy-duty ballistic nylon.

The primary compartment measures 14-1/4"x7"x8" and features two interior pockets measuring 6-1/2"x6-3/4" with hook-and-eye closure flaps. An additional interior pocket measures 5"x7-1/2".

The top cover can be quickly secured via hook-and-loop strips at the end or by two side zippers.

There are two zip-up outer compartments measuring 12"x8"x1-1/2". One of the outer compartments features extra padding for carrying a handgun, and the other has an external zippered compartment for pens, pencils, etc.

## "Border Shift" Ammo Bag<sup>^</sup>

Dillon's two-compartment ammo bag is constructed with a flexible inner liner that will allow the entire volume to be accessible from either zippered opening. You'll never again mix fired brass with loaded rounds!

Border Shift Ammo Bag, Black  
I.D. Card Holder<sup>^</sup>

**13755  
14575**

**\$35.99  
2.99**



## Dillon Pistol Case<sup>^</sup>

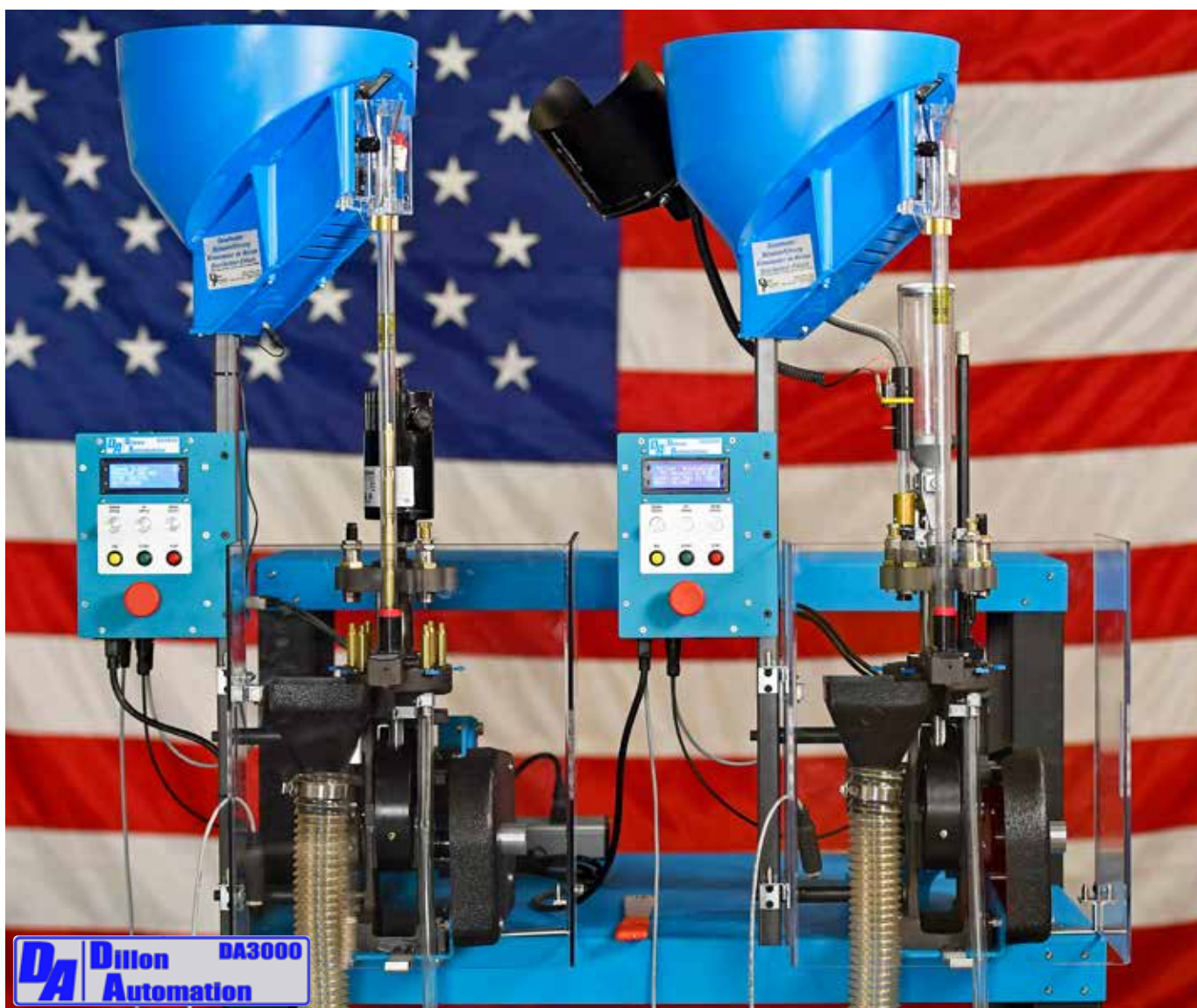
Our pistol case was designed to hold and protect your pistol and carry 200 rounds of ammunition! The back side of the durable, ballistic nylon case features two pockets that will accept Dillon's 100-

round ammo boxes. The case features a heavy-duty, locking YKK zipper, closed-cell foam padding and a suede-textured fabric liner to protect your pistol's finish. Measures 14" x 9".

**12709 \$39.99**







# Dillon Automation's DA3000

## For Dillon Precision's CP2000 and RL1100

Introducing the new Dillon Autodrive 3000!

- Fully automates the Dillon Precision CP2000 and RL1100.
- Case Preparation rate up to 3000 rounds per hour!
- Reloading rate up to 2000 rounds per hour!
- DA3000 easily installs on your Reloading and Case Prep machines.
- Simply press the "Start" button – no more manual cycling of the machine.
- Adjustable Cycle Rate and Dwell.
- Dillon custom-built Industrial Controller.
- Integrated safety controls and shield.
- Field-tested and proven patented design.
- One-year warranty on the DA3000.
- Maintains your Dillon-Factory machine warranty.
- Made in Scottsdale, Arizona USA.

**dillon-automation.com**

# XL750<sup>^</sup>

## STANDARD FEATURES:

- Made in the USA
- Automatic Indexing
- Automatic Powder Measure
- Automatic Linear Priming System
- Uses Standard 7/8" x 14 Dies
- Loading Rate: 500-800 Rds./Hr.
- 5-Station Interchangeable Toolhead
- Comes With One Caliber Conversion
- Loads 115 Calibers Up To .338 Lapua
- Index Block Roller for Smoother Indexing
- Spring-Loaded Priming Station Case Locator
- Lifetime "No-B.S." Warranty
- **RISK FREE 30-Day Trial!**

**\$814<sup>00\*</sup>**

**P83-750**

Reloading dies sold separately.

\*Prices vary on exotic-caliber machines.



Total price as pictured with optional accessories: **\$1682.00**

Variable-Speed Casefeeder	210**	\$335.00
Powdercheck System	21044	\$95.00
.45 ACP Die Set	14404	\$125.00
Strong Mount	22051	\$95.00
Roller Handle	17950	\$64.00
Low Powder Sensor	16306	\$52.00
Bullet Tray	22214	\$60.00
750 Toolholder w/Wrench Set	11541	\$42.00



# XL750 ACCESSORIES

## CALIBER CONVERSION KITS<sup>^</sup>

Include shellplate, locator buttons, powder funnel and casefeed adapter parts. Available in most calibers; please specify caliber desired. (You MAY need a different casefeed plate)



### XL 750/650 CONVERSION

(Specify Caliber) **\$115.00\***

\*(All belted magnums and exotic calibers, \$125.00 ea.)

## POWDER MEASURE<sup>^</sup>



**20782, \$120.00 each**  
Magnum Rifle Powder Bar  
**21353, \$45.00 each**  
X-Small Powder Bar  
**20780, \$45.00 each**

## QUICK CHANGE<sup>^</sup>

Toolhead, Toolhead Stand and Powder Measure

**22059, \$160.00**

## TOOLHEADS

**13863, \$39.00 each**

## POWDER DIES<sup>^</sup>

Extra powder dies allow you to move your powder measure from toolhead to toolhead without changing the "belling" adjustment.



**20064, \$20.00 each**

**X-Large Powder Dies, 21253, \$27.00 each**



## TOOLHEAD STANDS

The ultimate in convenience for keeping your reloading bench clean and uncluttered.

**22055, \$29.00 each**

## EQUIPMENT DUST COVERS<sup>^</sup>

This packcloth nylon machine cover comes equipped with a D-ring, allowing the heavy-duty zipper to be locked.

750/650 Cover, **10443, \$39.99**

(P.) Master lock, **13083, \$4.99**

Quick-Change Cover (for use with powder measure) **11143, \$14.99**



## XL750 PRIMING SYSTEM<sup>^</sup> (Not Pictured)

Priming System Assembly **75100 \$85.00**

## DON'T FORGET ONE OF THESE!

Mounting Hardware Kit **14355 \$9.00**  
1" Bench Wrench **10842 15.00**



## 110/220v Variable-Speed Casefeed Assembly

Large pistol	<b>21080</b>	<b>\$335.00</b>
Large rifle	<b>21081</b>	<b>335.00</b>
Small pistol	<b>21079</b>	<b>335.00</b>
Small rifle	<b>21082</b>	<b>335.00</b>
Magnum rifle	<b>21083</b>	<b>335.00</b>

## Casefeed Plate<sup>^</sup>

Large pistol (pictured)	<b>21072</b>	<b>\$48.00</b>
Large rifle (pictured)	<b>21075</b>	<b>48.00</b>
Magnum rifle	<b>18492</b>	<b>58.00</b>
Small rifle	<b>21074</b>	<b>48.00</b>
Small pistol	<b>21073</b>	<b>48.00</b>

## MACHINE MAINTENANCE KIT<sup>^</sup>

Everything you need to keep your Dillon loader cleaned and lubricated up to factory specifications. Available alone or in combination with a spare parts kit for your machine.



**Maintenance Kit 22211, \$38.00**  
**Maint. Kit & XL 750 Sp. Parts Kit 97500, \$70.00**

## SPARE PARTS KIT<sup>^</sup>

1 650 Ejector Wire  
1 Slide Spring Pin  
1 Indexer Spring  
1 650 Index Pawl  
1 650 Primer Cam  
1 XL 750 Ring Indexer  
2 Pistol Decapping Pins  
1 650 Index Spring Revision A  
1 #10 Tinnerman Insert  
1 Index Arm Bowed Washer  
1 Short Lever Spring  
1 Bellcrank Cube  
1 3/8" Index Ball  
1 Powder Bar Spacer Plug  
1 650 Brass Tip Set Screw  
4 Locator Pins (#1, #2, #3, #4)  
1 5/16" Index Ball  
1 Tab/Spring Arm Spring  
1 Case Insert Slide Spring  
1 650 Pawl Spring  
1 Index Ball Spring  
2 Pickup Tube Tips, Small

1 650 Tool Head Pin  
2 Pickup Tube Tips, Large  
1 Primer Cup Spring  
2 Retaining Clips  
2 650 Shellplate Cap  
1 650 Primer Support Shim  
1 Case Insert Slide Spring Cap  
2 Dispensing Tips, Large  
2 Dispensing Tips, Small  
2 SDB #10 Rod Washer  
1 550 Primer Slide Roller  
1 Slide Roller Post  
1 550 Slide Return Spring  
1 Primer Retaining Pin Spring  
1 10-24 x 7/8" SHCS  
1 Primer Retaining Pin  
1 XL 750 Primer Punch, Large  
1 XL 750 Primer Punch, Small  
1 XL 750 Primer Cup, Large  
1 XL 750 Primer Cup, Small  
1 XL 750 Primer Punch Spring  
2 Adj. CF Port Cuff Nut  
**75111, \$45.00**

## PRIMER PICKUP TUBES

Used to transfer primers from flip tray to priming system.

1 Lg.	<b>22029</b>	<b>\$10.00</b>
1 Sm.	<b>22028</b>	<b>10.00</b>
2 Sm., 2 Lg.	<b>20056</b>	<b>35.00</b>
4 Lg.	<b>20050</b>	<b>35.00</b>
4 Sm.	<b>20049</b>	<b>35.00</b>

## PRIMER FLIP TRAY

A heavy, high-quality tray large enough for the Federal primer package. **13606, \$27.00 ea.**



# New-Reloader XL750 Package

**Y**ou've made the decision that loading your own ammunition is right for you. You're ready to pull the trigger, but uncertain of exactly what you need. Dillon has taken the work out of this.

We have assembled a New-Reloader Package, featuring our XL750 reloading machine, with the most popular machine options, along with the accessories you'll need to begin reloading immediately.

This package is available in 9mm, .223/5.56mm, or BOTH.

## 9mm 750 Package:

XL750 in 9mm  
9mm Die Set  
Bench Wrench  
Small Pistol Casefeeder  
XL 750/650 Strong Mount  
Bullet Tray Kit  
Roller Handle  
9mm Case Gage  
D-Terminator Digital Scale  
Primer Flip Tray  
4 Small Primer Pickup Tubes  
Digital Calipers  
*The Complete Reloading Manual for the 9mm Luger*

NEW 750 PACKAGE 9: \$ (Please Call)

## .223/5.56mm 750 Package:

XL750 in .223/5.56mm  
.223/5.56 Die Set  
Bench Wrench  
Small Rifle Casefeeder  
XL 750/650 Strong Mount  
Bullet Tray Kit  
Roller Handle  
.223/5.56 Case Gage  
Dillon Case Lube  
D-Terminator Digital Scale  
Primer Flip Tray  
4 Small Primer Pickup Tubes  
Digital Calipers  
*The Complete Reloading Manual for the .223 Remington*

NEW 750 PACKAGE 556: \$ (Please Call)

## Combo Package (.223 Conversion Pictured at Right) Includes the 9mm Package Above, Plus:

.223/5.56 Conversion Kit  
.223/5.56 Die Set  
XL750 Quick Change  
.223 Case Gage  
Dillon Case Lube  
Small Rifle Casefeed Plate  
*The Complete Reloading Manual for the .223 Remington*

NEW 750 PACKAGE COMBO: \$ (Please Call)



**New-Reloader Package,  
XL 750 9mm**

## Combo Package .223 Conversion





# Dillon Die Sets



## Sizing/Depriming Die (Pistol)

Our sizing/depriming dies feature a “floating decap assembly” with a snap spring that throws the spent primer off the pin and eliminates the primer “draw back” that often occurs when decapping military brass. The primary feature of Dillon’s size die design is the long, tapered carbide ring with a radiused opening. That radiused opening, and its importance to progressive reloading, is one of the reasons why our seat and crimp dies are better. We found a way of manufacturing these dies that has enabled us to make the lead-in radius even bigger! The bigger radius makes progressive loading with our equipment even smoother – but that’s still only a part of the story.

## Bullet Seating Die (Pistol)

Our quick-disassembly seat die allows the user to disassemble and clean the seating die without losing adjustment. In this manner, bullet lube and shavings can be quickly removed from the die, thereby guaranteeing a constant seating depth. We’ve incorporated a “flip-flop” seating stem and a clip that enables you to remove the die insert and change the seating stem from round nose to semi-wadcutter without unscrewing a seating stem. Dillon’s double-ended design makes it simple to remove a pin, reverse the seating stem, make any minor seating depth adjustments that may be necessary and go on loading in a fraction of the time.

## Crimp Die (Pistol)

We’ve made it easy for you to remove the die insert for cleaning without having to change the critical crimp adjustment. Once your crimp die is set for the proper amount of crimp, you’ll never have to change it. This is especially good news for all of you who load lead bullets! Before, you had to unscrew the die from the toolhead and disassemble the die in order to remove any bullet lube or lead residue. Then, you had to start from square one to re-adjust the crimp. Those days are over. All you have to do now is pop a clip and the die insert drops into your hand for cleaning.

### Dillon Carbide Pistol Dies (Three-Die Sets)

.32 S&W Long/.32 H&R Mag.	14426	\$125.00
.380 ACP	14401	125.00
9mm Parabellum	14406	125.00
9x25 Dillon	14601	235.00
.357 SIG	22083	235.00
.38 Super	14399	125.00
.38 Special/.357 Magnum	14400	125.00
10mm/.40 S&W	14398	125.00
.41 Magnum	14402	125.00
.44 Special/.44 Magnum	14403	125.00
.45 ACP/.45 GAP	14404	125.00
.45 Colt	14405	125.00
<b>Spare Decapping Pins</b>		
Package of 10	21528	\$8.00



## Sizing/Depriming Die (Rifle)

The sizing/depriming die is full-length, to minimum tolerances, sizing cases down to function in semi- and full-automatic firearms. We strongly suggest that a headspace case gage be used to correctly adjust the size die.

For high volume users, such as commercial reloaders, law enforcement agencies, and high power or service rifle competitors, we also offer .223 and .308 die sets with a full-length carbide sizing die. Lubrication is still required, but the increased scratch resistance and die longevity of carbide are of great benefit to these groups of users.

The depriming assembly includes a carbide expander ball for “squeak-free,” effortless neck expansion. This expander ball is located in the middle of the depriming stem to take advantage of superior initial leverage for easier extraction.

In the event of a stuck case, the design of the depriming assembly allows it to function as a stuck case remover.

## Bullet Seating Die (Rifle)

Our bullet seating die is internally designed to keep the bullet straight throughout the seating process. Once properly adjusted, the only measurable runout will be that which is inherent in the bullet.

## Taper Crimp Die (Rifle)

The taper crimp die is also specially configured to center both the case neck and the case body, thereby aligning the entire cartridge for a more uniform crimp. Dillon Rifle Dies are designed to meet the more rigid requirements for both accuracy and precision demanded by today’s marksman.

A taper crimp die is preferred for loading ammunition intended to be used in semiautomatic firearms with detachable box magazines, and in lever-action firearms with tubular magazines.

### Dillon Rifle Dies (Three-Die Sets)

.223 Remington	10839	\$140.00
.308 Winchester	15574	140.00
.30-06 Springfield	10840	140.00

### Dillon Carbide Rifle Dies (Three-Die Sets)

.223 Remington	10096	\$240.00
.30 M1 Carbine	62128	175.00
.300 AAC Blackout	62114	250.00
.308 Winchester	10793	245.00
.30-06 Springfield	62151	350.00

### Spare Decapping Pins

.223 Remington	13278	\$7.00
.308 Winchester	13132	7.00
.30-06 Springfield	13069	7.00
For Universal Decapping Die	15816	7.00

### Spare Dillon Die Lock Rings (Fit all 7/8" x 14 thread dies)

Dillon Die Lock Ring	14067	\$2.50
5-Pack Die Lock Rings	10669	8.00

**Note: Individual Dillon size, seat and crimp dies are available. Call or visit our website to order.**

# RL550C<sup>^</sup>

## STANDARD FEATURES:

- Made in the USA
- Accommodates Over 160 Calibers
- Uses Standard 7/8" x 14 Dies
- Loading Rate: 400-600 Rds./Hr.
- Comes With One Caliber Conversion
- Interchangeable Toolhead Assembly
- Automatic Powder Measure
- Automatic Primer System
- Lifetime "No-B.S." Warranty
- **RISK FREE 30-Day Trial!**

**\$619<sup>00\*</sup>**

**14261**

Reloading dies sold separately.  
\*Prices vary on exotic-caliber machines.



Total price as pictured with optional accessories: **\$1092.00**

.45 ACP Die Set	14404	\$125.00
Strong Mount	22051	\$95.00
Roller Handle	17950	\$64.00
Low Powder Sensor	16306	\$52.00
Bullet Tray	22214	\$60.00
550 Toolholder w/Wrench Set	11541	\$42.00
550 Cartridge Case Bin/Bracket <sup>^</sup>	11185	\$35.00



# RL550C ACCESSORIES

## RL550 CALIBER CONVERSION KITS<sup>^</sup>

Contains: Shellplate, powder funnel and locator buttons.  
Available in all calibers;  
*please specify caliber desired.*

**RL550 CONVERSION \$70.00**  
(Exotic calibers, \$80.00<sup>^</sup>)



## AUTO POWDER MEASURE SYSTEMS<sup>^</sup>

Additional powder measures stay on the toolhead. Never change powder measurements again!

RL 550 Powder Measure  
**20782, \$120.00 each**  
Magnum Rifle Powder Bar  
**21353, \$45.00 each**  
X-Small Powder Bar  
**20780, \$45.00 each**

## DELUXE QUICK CHANGE ASSEMBLY<sup>^</sup>

With a quick change assembly and a caliber conversion kit (SOLD SEPARATELY), you can convert in less

than a minute. Complete with:

- Toolhead
- Powder Measure
- Powder Die
- Toolhead Stand

Price without Dies, **22058, \$155.00**

Loading dies sold separately on Pages 23 & 36.

## POWDER DIES<sup>^</sup>

Extra powder dies allow you to move your powder measure from toolhead to toolhead without changing the "belling" adjustment.

**20064, \$20.00 each**  
**X-Large Powder Die, 21253, \$27.00 each**



## TOOLHEADS

Don't adjust dies when switching calibers. These precision tool holders hold your dies in perfect alignment, making caliber changes quick and easy.

**13909, \$33.00 each**

## TOOLHEAD STANDS

The ultimate in convenience for keeping your reloading bench clean and uncluttered.

**22055, \$29.00 each**



## RL550 CASEFEEDER UPGRADE<sup>^</sup>

Available for most pistol cartridges – will not work with rifle cartridges.

Large Pistol **14450**

Small Pistol **14451**

**\$415.00 (110v)**

## CASEFEEDER CALIBER CONVERSIONS

**\$40.00 each**

.25-20/.32-20 Winchester	<b>14206</b>
.30 Mauser/7.62x25	<b>14204</b>
.30 AAC Blackout	<b>62226</b>
.32 S&W Long	<b>14205</b>
.32 H&R Magnum	<b>14283</b>
9mm/9x21/.38 Super/.30 Luger	<b>14284</b>
10mm/9x25 Dillon	<b>14285</b>
.38 S&W	<b>14208</b>
.38 Super Comp.	<b>14287</b>
.38/.357 Magnum	<b>14286</b>
.357 SIG/.40 S&W	<b>14289</b>
.38-40/.44-40 Winchester	<b>14288</b>
.41 Magnum	<b>14290</b>
.44 Russian	<b>14209</b>
.44 Special/Magnum/Colt	<b>14291</b>
.45 GAP	<b>11441</b>
.45 ACP/.40 Super/.400 Cor-Bon	<b>14292</b>
.45 Auto Rim	<b>19140</b>
.45 Colt/.45 S&W/.454 Casull	<b>14279</b>
.45 Winchester Magnum	<b>14210</b>



## EQUIPMENT DUST COVERS<sup>^</sup>

This packcloth nylon machine cover comes equipped with a D-ring, allowing the heavy duty zipper to be locked.

RL 550 Cover, **13795, \$24.99**

Master lock, **13083, \$4.99**

Quick-Change Cover<sup>^</sup> (for use with powder measure) **11143, \$14.99**

## 1" BENCH WRENCH

**10842, \$15.00 each**



## MACHINE MAINTENANCE KIT<sup>^</sup>

Everything you need to keep your Dillon loader cleaned and lubricated up to factory specifications. Available alone or in combination with a spare parts kit for your machine.

**Maintenance Kit 22211, \$38.00**

**Maint. Kit & Spare Parts Kit 97016, \$58.00**

## 550 SPARE PARTS KIT<sup>^</sup>

- 1 Seating Punch, Small
- 1 #10 Tinnerman Insert
- 1 Primer Cup, Large
- 1 Primer Cup, Small
- 1 Bellcrank Cube
- 1 3/8" Index Ball
- 1 550 Brass Tip Set Screw
- 1 550 Ejector Wire
- 1 Cartridge Retaining Spring
- 1 550 Slide Return Spring
- 4 Locator Pins (#1, #2, #3, #4)
- 1 Seating Punch, Large
- 1 550 Index Ball Spring
- 2 Pickup Tube, Small, Yellow Tips
- 2 Magazine Orifices, Large
- 1 Toolhead Pin
- 2 Pickup Tube, Large, Green Tips
- 2 Magazine Orifices, Small
- 1 550 Primer Cup Spring
- 2 Retaining Clips
- 2 Dispensing Tip, Large
- 2 Dispensing Tip, Small
- 1 Failsafe Bushing Rev. B

**20048, \$33.00**

## UNIVERSAL MOUNTING HARDWARE KIT

Includes: 4-Grade 5 Hex Bolts, 4-Lock Nuts, 4 Flat Washers, 4-Fender Washers, 2-Wood Screws.

**14355, \$9.00**

# Reloader Essentials Packages

## XL750 9mm Package:

XL750	75076
750 Conversion Kit, 9mm	21109
9mm Die Set	14406
D-Terminator Digital Scale	10483
Lyman Reloading Manual	10330
Digital Calipers	17171
Primer Flip Tray	13606
9mm Case Gage	15161
1" Bench Wrench	10842
Dillon Case Lube	13733
Dillon Case Preparation Guide	16518
Mounting Hardware Kit	14355

Total: \$ (Please Call)

## XL750 .223/5.56 Package:

XL750	75076
750 Conversion Kit, .223/5.56	21107
Steel .223/5.56 Die Set	10839
D-Terminator Digital Scale	10483
Lyman Reloading Manual	10330
Digital Calipers	17171
Primer Flip Tray	13606
.223/5.56 Case Gage	13254
1" Bench Wrench	10842
Dillon Case Lube	13733
Dillon Case Preparation Guide	16518
Mounting Hardware Kit	14355

Total: \$ (Please Call)

## XL750 Upgrade Kit, 35007:

550/650/750 Strong Mount	22051
Bullet Tray Kit	22214
Roller Handle	17950

Total: \$ (Please Call)

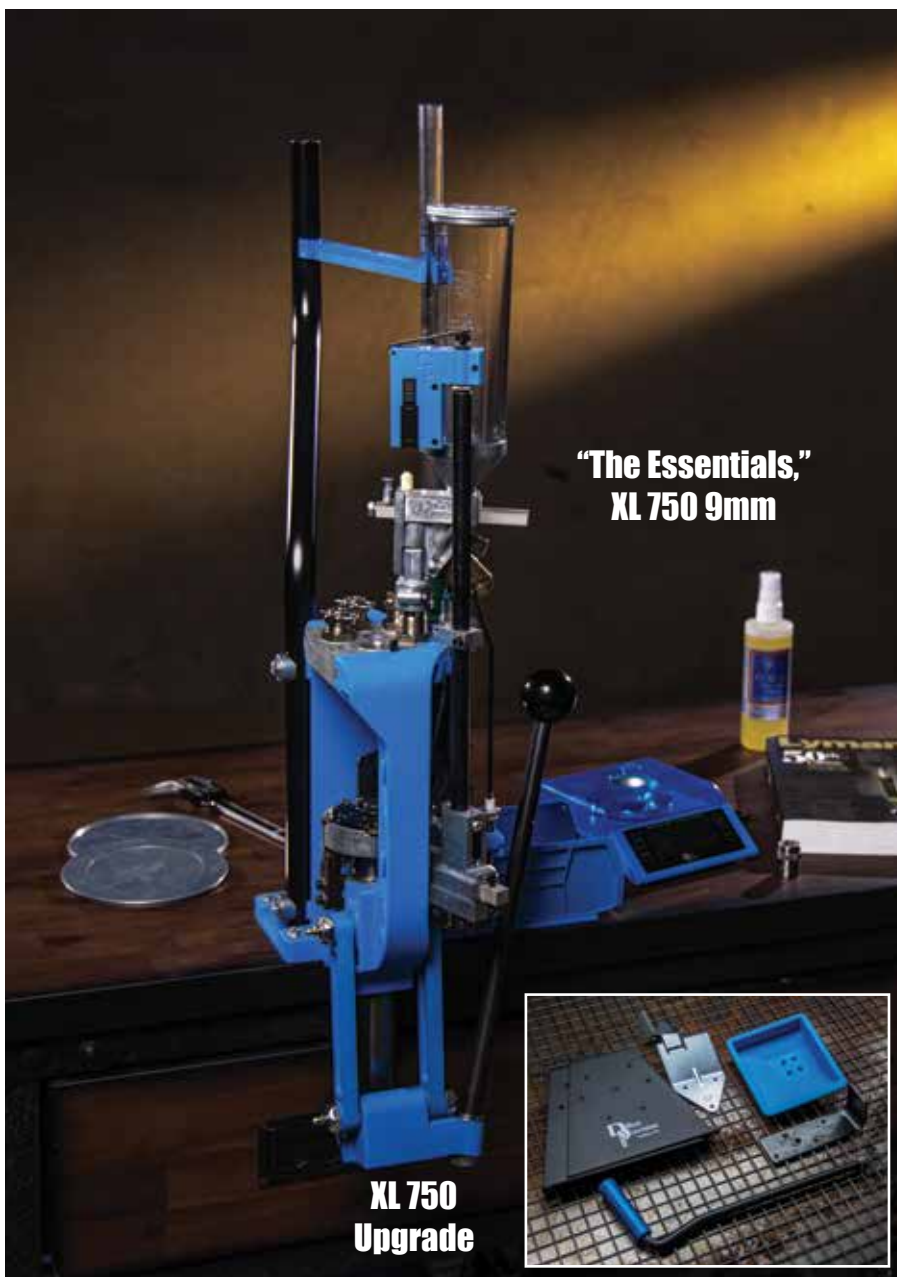
## RL550C 9mm Package:

RL550C	14261
550 Conversion Kit, 9mm	20127
9mm Die Set	14406
D-Terminator Digital Scale	10483
Lyman Reloading Manual	10330
Digital Calipers	17171
Primer Flip Tray	13606
9mm Case Gage	15161
1" Bench Wrench	10842
Dillon Case Preparation Guide	16518
Mounting Hardware Kit	14355

Total: \$ (Please Call)

## RL550C .223/5.56 Package:

RL550C	14261
550 Conversion Kit, .223/5.56	20128
Steel .223/5.56 Die Set	10839
D-Terminator Digital Scale	10483
Lyman Reloading Manual	10330
Digital Calipers	17171
Primer Flip Tray	13606
Dillon Case Lube	13733
.223/5.56 Case Gage	15161
1" Bench Wrench	10842
Dillon Case Preparation Guide	16518



Mounting Hardware Kit	14355
Total: \$ (Please Call)	

## RL550C Upgrade Kit, 35002:

550/650/750 Strong Mount	22051
Bullet Tray Kit	22214
Empty Case Bin and Bracket	11185
Roller Handle	17950

Total: \$ (Please Call)

## Square Deal B 9mm Package:

SDB in 9mm	20104
D-Terminator Digital Scale	10483
The Complete Reloading Manual for the 9mm Luger	15363

Digital Calipers	17171
Primer Flip Tray	13606
9mm Case Gage	15161
SDB Bench Wrench	19970
Dillon Case Preparation Guide	16518
Mounting Hardware Kit	14355

Total: \$ (Please Call)

## Square Deal B Upgrade Kit, 35005:

SDB Strong Mount	22223
Bullet Tray Kit	22214
Empty Case Bin and Bracket	11672

Total: \$ (Please Call)





# BL550<sup>^</sup>

## Dillon's Basic Loader

**\$395<sup>00</sup>**  
**15399**

Reloading Dies and Caliber Conversions sold separately  
Pictured with optional accessories:  
Strong Mount 22051 \$95.00

Dillon's RL550 has long worn the title of "The World's Most Versatile Progressive Reloader," and stripping it down to its most basic form – Dillon's BL (Basic Loader) 550 – adds a whole new dimension of versatility for the shooter/hunter who needs to feed several rifles. The BL550 is essentially an RL550 without the automatic priming and powder systems.

Capable of loading over 160 calibers – just like the RL550 – it uses any manufacturer's standard 7/8" x 14 reloading dies. It's priced comparably with other manufacturers' turret presses; yet unlike them, it's fully upgradeable to Dillon's Progressive RL550 loader! The interchangeable toolhead (Page 25) makes it quick, easy and inexpensive to change calibers.

**AUTO PRIME SYSTEM<sup>^</sup>** 16627 \$120.00

### PRIMER SYSTEM EARLY WARNING<sup>^</sup>

Allows you to focus on loading instead of worrying about failing to seat a primer, and is an easy slip-on attachment to the auto prime system. 20302 \$37.00

### AUTO POWDER SYSTEM<sup>^</sup>

Accurate to within 0.1 grain, our Automatic Powder Measure is world renowned for its charge-to-charge consistency. 20251 \$130.00

**OPTIONAL MAGNUM RIFLE POWDER BAR** 21353 \$45.00

### AUTO EJECT SYSTEM<sup>^</sup>

Greatly increases your ammo production capabilities and adds a Cartridge Chute/ Bracket and a Cartridge Bin to your reloader. 22120 \$43.00

### BL550 POWDER DIE<sup>^</sup>

Extra powder dies for your BL550 make it easier to set up additional toolheads for loading different calibers.

**Powder Die:** 16629 \$27.00  
**Oversize Die:** 16626 29.00  
**Plastic Funnel:** 16617 9.00

### POWDER MEASURE ADAPTER

If you load rifle cartridges with long-grain extruded powder, you can now use any manufacturer's powder measure with 7/8" x 14 threads on your RL450, AT500, BL550 or RL550. (Requires the use of an RL450 powder die – see below.) 20029 \$32.00

**RL450 Powder Die** 20308 32.00



# Check Out Our In-stock Reloading Components at [xtremebullets.com](http://xtremebullets.com)!

Use the coupon code **BLUEPRESS22**  
for 10% off your order of \$100 or more!

# SQUARE DEAL B

## STANDARD FEATURES:

- Made in the USA
- Automatic Indexing
- Available in 18 Handgun Calibers
- Loading Rate: 300-500 Rds./Hr.
- Comes With One Caliber Conversion
- Automatic Powder Measure
- Automatic Primer System
- Comes Complete With Dies
- Factory Adjusted, Ready-to-Use
- Lifetime "No-B.S." Warranty
- **RISK FREE** 30-Day Trial!

**\$585<sup>00\*</sup>**



Total price as pictured with optional accessories: **\$883.00**  
SDB Strong Mount 22223 \$105.00  
Low Powder Sensor 16306 \$52.00  
Bullet Tray 22214 \$60.00  
SDB Tool Holder w/Wrench Set 19441 \$41.00  
SDB Cartridge Case Bin/Bracket^ 11672 \$40.00



# SQUARE DEAL B ACCESSORIES

## SQUARE DEAL B CONVERSION KITS<sup>^</sup>

Change from one caliber to another in minutes. Conversion includes carbide size die (except .44-40), expander/ powder funnel, seat die, crimp die, shellplate and locator buttons.



Calibers	Conversion#/Price	Machine#/Price
.32 S&W Long/H&R Mag.	16774/\$155.00	16815/\$585.00
(.32 S&W Requires X-Small Powder Bar 20780 \$37.99)		
.380 ACP	20246/\$145.00	20053/\$585.00
.38 Special	20240/\$145.00	20102/\$585.00
.357 Magnum	20240/\$145.00	20103/\$585.00
.38 Super	20229/\$145.00	20099/\$585.00
.38 Super Comp	20275/\$145.00	20115/\$585.00
9mm	20241/\$145.00	20104/\$585.00
.40 S&W	20469/\$145.00	20787/\$585.00
10mm	20469/\$145.00	20643/\$585.00
.41 Magnum	20247/\$145.00	20054/\$585.00
.44 Special	20242/\$145.00	20105/\$585.00
.44 Magnum	20242/\$145.00	20052/\$585.00
.44-40 Winchester	21035/\$145.00	21036/\$585.00
.45 ACP	20123/\$145.00	20101/\$585.00
.45 Colt	20248/\$145.00	20051/\$585.00
.45 GAP	20123/\$145.00	20098/\$585.00
.45 S&W Schofield	20417/\$145.00	20418/\$585.00

## SQUARE DEAL B DELUXE QUICK CHANGE<sup>^</sup> (Not Pictured)

Includes toolhead, powder measure and SDB Toolhead Stand.

	62256	\$190.00
'SDB' POWDER MEASURE <sup>^</sup>	20001	\$120.00

## SQUARE DEAL B STRONG MOUNT & CARTRIDGE CASE BIN COMBO

Ergonomically designed to cut your workload through economy of motion! Mounts your Square Deal "B" along with a bin for your empty cartridge cases.

62395, \$125.00



## SDB CARTRIDGE CASE BIN & BRACKET ONLY

For those who already have a Strong Mount, the blue bin and silver bracket in the above photo are available separately (hardware not included).

11672, \$40.00



## MACHINE COVER<sup>^</sup>

This great looking nylon cover adds security to your loading bench. Your reloader will be protected against more than dust as these covers come with a D-ring that allows the heavy duty zipper to be locked.

Cover, 13795, \$24.99  
Master lock, 13083, \$4.99

## MACHINE MAINTENANCE KIT<sup>^</sup>

Everything you need to keep your Dillon loader cleaned and lubricated up to factory specifications. Available alone or in combination with a spare parts kit for your machine.

Maintenance Kit 22211, \$38.00  
Maint. Kit & SDB Spare Parts Kit 97015, \$57.00



## SDB SPARE PARTS KIT<sup>^</sup>

1 SD Shellplate Bolt  
1 SD Ejection Wire  
4 SD Wave Bearings  
1 Toolhead Friction Plate  
2 Pistol Decapping Pins  
1 Small Primer Seat Punch  
1 SD Slide Return Spring  
1 #10 Tinnerman Insert  
1 Bellcrank Cube  
4 Locator Pins (#1, #2, #3, #4)  
1 Indexer Return Spring  
1 Large Primer Seat Punch

1 Primer Seat Punch Spring  
2 Pickup Tube, Small, Yellow Tips  
2 Magazine Orifices, Large  
2 Pickup Tube, Large, Green Tips  
1 3/16" Index Ball  
2 Magazine Orifices, Small  
2 Retaining Clips  
1 SD Index Lever Assembly  
2 Dispensing Tips, Large  
2 Dispensing Tips, Small

20778, \$38.00



## SQUARE DEAL B TOOLHEAD<sup>^</sup>

Extra toolheads keep all your adjustments the way you left them.

20113, \$50.00

## SQUARE DEAL B TOOLHEAD STAND

Holds your SDB toolhead, powder measure, dies and caliber conversion components (not included) in an orderly manner.

62225, \$45.00



## SQUARE DEAL B BENCH WRENCH

The Square Deal Bench Wrench has the correct sizes for Square Deal "B" die adjustments.

19970, \$16.00 each



## PRIMER PICKUP TUBES

Used to transfer primers from flip tray to priming system.

1 Lg.	22029	\$10.00
1 Sm.	22028	10.00
2 Sm., 2 Lg.	20056	35.00
4 Lg.	20050	35.00
4 Sm.	20049	35.00

## PRIMER FLIP TRAY

A heavy, high-quality tray large enough for the Federal primer package. 13606, \$27.00 each



# Our Pride, Your Sleeve



## Dillon Logo/Rifle, Black Long Sleeve

Large	43456	\$21.99
X-Large	43450	21.99
2X-Large	43451	22.99



## Dillon/Precision Logo, Black

Small	43411	\$19.99
Medium	43412	19.99
Large	43413	19.99
X-Large	43414	19.99
XX-Large	43415	20.99
XXX-Large	43416	21.99

## Dillon/Precision Logo, Charcoal

Small	43418	\$19.99
Medium	43419	19.99
Large	43420	19.99
X-Large	43421	19.99
XX-Large	43422	20.99
XXX-Large	43423	21.99



## Dillon Logo/Rifle, Charcoal

Small	43430	\$19.99
Medium	43431	19.99
Large	43432	19.99
X-Large	43433	19.99
XX-Large	43434	20.99
XXX-Large	43435	21.99

## Dillon Precision Logo Cap

11319  
\$11.99



## Dillon Precision Morale Patch

13762 \$4.99

## Wear the "Dillon" Brand



*These shirts are made of 6.1 ounce 100% soft-spun cotton.*

## Long-Sleeve Dillon Precision T-Shirt

Navy, Large	18507	\$19.99
Navy, XL	18508	19.99
Navy, XXL	18509	20.99
Navy, XXXL	18510	22.99
Gray, Large	18523	19.99

Gray, XL	18524	19.99
Gray, XXL	18525	20.99
Gray, XXXL	18526	22.99
Black, Large	18515	19.99
Black, XL	18516	19.99
Black, XXL	18517	20.99
Black, XXXL	18518	22.99

## Short-Sleeve Dillon Precision T-Shirt

Navy, L	18511	\$12.50
Navy, XL	18512	12.50
Navy, XXL	18513	14.50
Navy, XXXL	18514	14.50
Gray, Large	18527	12.50
Gray, XL	18528	12.50
Gray, XXL	18529	14.50
Gray, XXXL	18530	14.50
Black, Large	18519	12.50
Black, XL	18520	12.50
Black, XXL	18521	14.50
Black, XXXL	18522	14.50



## DP Box Logo Caps

\$22.99 ea.

The NEW DP Box Logo on the One and Only Original Flexfit® cap – the original stretchable fitted cap featuring the Flexfit technology. With polyurethane woven into the sweatband, this all-purpose hat delivers the perfect blend of comfort and style for sports and casual wear.

Navy Small/Medium Flexfit Cap	43455
Navy Large/X-Large Flexfit Cap	43453
Black Small/Medium Flexfit Cap	43454
Black Large/X-Large Flexfit Cap	43452



# SIMPLY RUGGED HOLSTERS, LLC

(928) 227- 0432

[www.simplyrugged.com](http://www.simplyrugged.com)

## Shooting Mat



Dillon's shooting mat is made of tough ballistic-weave nylon fabric, with a large skid-resistant elbow pad area. The "ground" side is moisture resistant and wipes clean easily. The padding is dense, closed-cell foam to provide both shooter comfort and a stable shooting base. The mat is equipped with a shoulder strap, a carry handle and two straps with snap-release buckles.

Dimensions: 66" x 27.75"

18146

\$89.99

## Dillon Precision Logo PVC Key Ring



66032 \$4.99 ea.



Dillon Key Keeper, Gray

96671

\$12.99

Dillon Key Keeper, Coyote

96672

12.99

Dillon Key Keeper, Black

96670

12.99



6" x 1" Dillon Logo Sticker

96668

\$2.50

6" x 2.5" Dillon Logo Sticker

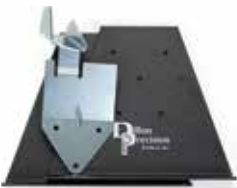
96666

4.00

**WARNING:** The products offered for sale in this catalog can expose you to chemicals, including Lead, which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# Dillon Reloading Accessories

A **Strong Mount** increases your machine's "footprint" to over 10", spreading the load over the whole bench instead of stressing the leading edge. For XL 750/650 owners with limited overhead clearance, the XL 750/650-only mount raises the machine 6" above the bench top. All mounts come with all the fasteners necessary to mount your machine and are coated with a durable black wrinkle finish.



RL550/XL750/650	<b>22051</b>	<b>\$95.00</b>
XL750/650-only	<b>22052</b>	<b>93.00</b>
"SDB"	<b>22223</b>	<b>105.00</b>



These plates bolt directly to your bench top, and are drilled and tapped to allow mounting your reloading machine directly to the top of the mounting plate.

**Stock #62005, \$95.00** is for:

XL 750, XL 650, RL 550 and Square

Deal B. **Stock #62006, \$95.00** is for:

RL1100, CP2000, Super 1050 and RL1050 as well as *any* Dillon reloading machine that is mounted on the Dillon Strong Mount.

Our **Bullet Tray** is a simple, shallow aluminum tray designed and located for economy of motion. Our tray works on the Square Deal "B", RL550 and XL750/650 when equipped with the RL550/750/650 Strong Mount, and a separate kit is available for the RL/Super 1050.



Bullet Tray Kit	<b>22214</b>	<b>\$60.00</b>
1050 Tray Kit	<b>22215</b>	<b>60.00</b>



The **Low Powder Sensor** provides an audible and visual reminder when it's time to refill your powder reservoir. When the powder level drops to about 1,000 grains remaining in the reservoir, a buzzer will sound and a bright red LED will light. Designed to fit all Dillon powder measures. Made of clear polycarbonate, it simply replaces the die-cast metal lid supplied with the measure, and operates on two AAA batteries (included).

**16306 \$52.00**

Our **Toolholders** are available for your reloading machine and ensure that the tools you need to service your reloader are handy and organized. No more digging around your bench trying to find the right size hex wrench!



XL650 with Wrench Set	<b>11555</b>	<b>\$44.00</b>
RL550/XL750 with Wrench Set	<b>11541</b>	<b>42.00</b>
SDB with Wrench Set	<b>19441</b>	<b>41.00</b>

*Note: Super 1050 Toolholders include Wrench Set*

1050 with bracket	<b>62202</b>	<b>50.00</b>
1050 w/o bracket	<b>62203</b>	<b>45.00</b>
One-Inch Bench Wrench	<b>10842</b>	<b>15.00</b>
SDB-Only Wrench	<b>19970</b>	<b>16.00</b>



**Color Coded Aluminum Toolheads** for the RL550 and XL750/650 make it easy to tell at a glance which caliber you're set up to load.

Gold RL550	<b>62134</b>	<b>\$45.00</b>
Blue RL550	<b>62132</b>	<b>45.00</b>
Black RL550	<b>62133</b>	<b>45.00</b>
Gold XL750/650	<b>62138</b>	<b>50.00</b>
Blue XL750/650	<b>62136</b>	<b>50.00</b>
Black XL750/650	<b>62137</b>	<b>50.00</b>



The **Square Deal B Toolhead Stand** holds your SDB toolhead, powder measure, dies and caliber conversion components (*not included*) in an orderly manner.

**62225, \$45.00**

Our **Toolhead Stands** for the RL550 and XL750/650 are the ultimate in convenience for keeping your reloading bench clean and uncluttered.

**22055, \$29.00 each**



**Dillon's 1050 Toolhead Stand** is now available to store caliber quick changes for the 1050.

**62200, \$58.00**

**Equipment Dust Covers** are made of tough packcloth nylon and add security to your loading bench. Your reloader will be protected against more than dust as the machine covers come with a D-ring that allows the heavy duty zipper to be locked.



SDB/550 Cover	<b>13795</b>	<b>\$24.99</b>
XL750/650 Cover	<b>10443</b>	<b>39.99</b>
1050 Cover	<b>13239</b>	<b>39.99</b>
Master lock	<b>13083</b>	<b>4.99</b>
Pictured: SDB/550/650/750 Quick-Change Cover (for use with powder measure)	<b>11143</b>	<b>\$14.99</b>



Our **Primer Flip Tray** is a heavy, high-quality tray large enough for the Federal primer package.

**13606, \$27.00 each**

**Primer Pick-Up Tubes** are used to transfer primers from flip tray to priming system. Having extras pre-loaded with primers makes it easy to load a pre-determined amount of ammo without having to stop to pick up primers.

1 Large	<b>22029</b>	<b>\$10.00</b>
1 Small	<b>22028</b>	<b>10.00</b>
2 Small, 2 Large	<b>20056</b>	<b>35.00</b>
4 Large	<b>20050</b>	<b>35.00</b>
4 Small	<b>20049</b>	<b>35.00</b>



Dillon's **"Belted Magnum" Powder System** features a maximum-capacity steel powder bar that can dispense more than 100 grains of extruded IMR powder. Magnum rifle cartridges can require from 70 grains to well in excess of 100 grains for a single charge. We tested this system with various extruded rifle powders and found that powder charge variations stayed within plus-or-minus three-tenths of a grain.

**97126 \$205.00**

The **Powdercheck System** (available for XL750/650 and Super 1050 reloading machines) sounds an alarm if the powder charge in a round is out of limits either high or low.

**21044, \$93.00 each**



An **Aluminum Roller Handle** gives your reloader an entirely new "feel," reduces operator fatigue, and makes primer seating easier.

**17950 \$64.00**

Dillon's **1" Bench Wrench** fits our 1" Die Lock Rings which give you more space on the toolhead.

**10842, \$15.00 each**



Our **Machine Maintenance Kits** come with everything you need to keep your Dillon loader cleaned and lubricated up to factory specifications. Available alone or in combination with a spare parts kit for your machine.

Maintenance Kit Only	<b>22211</b>	<b>\$38.00</b>
w/SDB Spare Parts Kit	<b>97015</b>	<b>57.00</b>
w/550 Spare Parts Kit	<b>97016</b>	<b>58.00</b>
w/750 Spare Parts Kit	<b>97500</b>	<b>70.00</b>
w/1050 Spare Parts Kit	<b>97018</b>	<b>75.00</b>

## "D-TERMINATOR" Electronic Scale

- 1500 grain/100 gram capacity
- Accurate to 0.1 grain/0.01 gram
- Uses four AA batteries (included)
- Comes with its own AC adapter
- 100g scale check weight included

*NOTE: Dillon electronic scales are covered by a one-year warranty from date of purchase.*

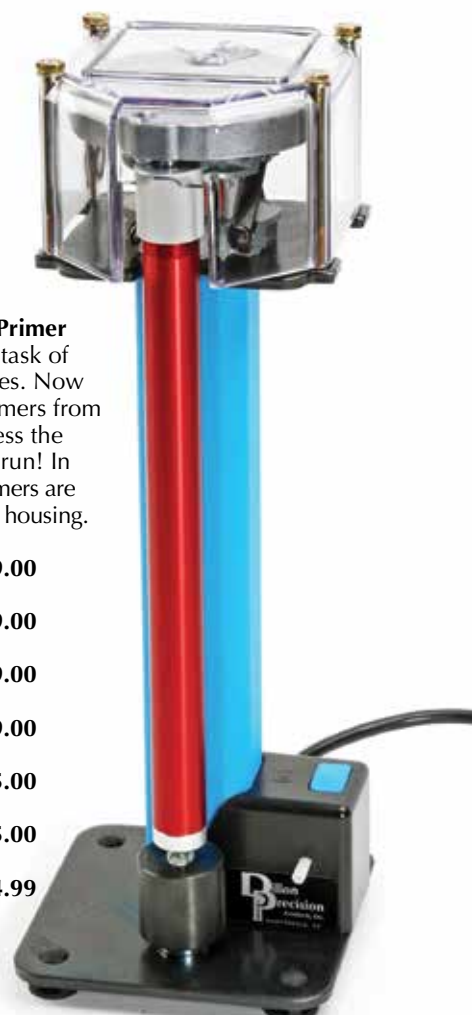


**\$149.99**  
**10483**

## RF100 Automatic Primer Filler

The **RF100 Automatic Primer Filler** eliminates the task of filling primer pick up tubes. Now you simply pour your primers from their box into the top, press the blue button and watch it run! In about two minutes the primers are inside the protective metal housing.

Large Primer Filler	<b>97077</b>	<b>\$449.00</b>
Small Primer Filler	<b>97111</b>	<b>449.00</b>
Large (Euro. 220v)	<b>97112</b>	<b>459.00</b>
Small (Euro. 220v)	<b>97113</b>	<b>459.00</b>
Small Conversion	<b>17903</b>	<b>75.00</b>
Large Conversion	<b>17902</b>	<b>75.00</b>
Nylon Dust Cover	<b>11143</b>	<b>14.99</b>



# REDDING Reloading Dies & Accessories



## Complete Three-die sets – Size, bell, seat

.32 ACP	15521	\$108.99
.32-20 Winchester	11906	108.99
.38-40 Winchester	11838	143.99
.38-55 Win./Ballard	19106	140.00
.44-40 Winchester	11692	80.99
.45-70 Gov't	12700	108.99
.460 S&W	10319	108.99

## Complete Two-Die Sets

.204 Ruger	12547	\$80.99
.22 Hornet	11484	80.99
.220 Swift	12182	108.99
.22-250	15761	80.99

.224 Valkyrie	10316	106.00
.243 Winchester	15762	80.99
6mm Creedmoor	10315	108.99
.25-06 Remington	12183	80.99
.25 WSM	11194	82.35
.260 Remington	09997	80.99
.270 Winchester	10822	80.99
.270 WSM	18337	47.99
6.5 Creedmoor	71005	80.99
6.5 Grendel	19893	144.99
6.5 x 55mm	11353	80.99
6.8 SPC	12548	144.99
7 x 57mm Mauser	11212	80.99
7mm WSM	18339	64.99
7mm Rem. SA UM	18338	64.99
7mm Rem. Mag.	11775	80.99
7mm-08 Remington	12041	80.99
7.5mm Swiss	09995	144.99
7.62 x 39mm	12045	109.99
.30-30 Winchester	29020	80.99
.30-40 Krag	11835	144.99
7.62 x 54mm	09994	109.99
.300 AAC Blackout	12550	109.99
.300 WSM	15763	80.99
.300 RUM	18342	80.99
.300 Weatherby	11354	80.99
.300 Win. Mag.	12046	80.99

.303 British	11691	109.99
8 x 57mm Mauser	09996	80.99
.338 Win. Mag.	11774	80.99
.338 Lapua Mag.	21354	144.99
.458 SOCOM	10320	144.99

## Individual Dies: Neck-Size-Only Dies

.223 Remington	10164	\$54.99
.22-250	11184	54.99
.224 Valkyrie	10318	71.00
.243 Winchester	10172	54.99
6mm Creedmoor	10317	71.00
.25-06	11336	54.99
.260 Remington	09993	54.99
.270 Winchester	11806	54.99
7mm Rem. Mag.	11392	54.99
.308 Win./7.62	10165	54.99
.30-06	11763	54.99
.300 Win. Mag.	11108	54.99

## Redding Reloading Accessories

Stuck Case Removal Kit	12186	\$35.99
------------------------	-------	---------

## Specialty/Custom Die Sets<sup>A</sup>

.50 AE	14514	\$53.99
(Incl: RCBS steel size, expander, seat/crimp)		
.500 S&W	11114	\$53.99
(Incl: RCBS steel size, expander, seat/crimp)		



## Lyman Neck Expander Die

Improves accuracy of cast and jacketed bullet reloads. Extends case life. A "Must-Have" die for the cast bullet or flat-base bullet user. The first step expands the inside of the case neck to just under bullet diameter for precise case neck tension in the finished reload. The second step expands the case mouth to bullet diameter or slightly over. This allows the jacketed or cast bullet to be started perfectly centered in the case mouth and properly aligned with the axis of the case neck. By adjusting the

plug slightly deeper, the second step also provides a slight flaring of the case mouth for reloaders using cast bullets.

.22 Caliber Neck	48962	\$32.99
6mm Neck	48966	32.99
6.5mm Neck	48965	32.99
.30 Caliber Neck, Short	48964	32.99
.30 Caliber Neck, Long	48963	32.99

## Dillon Wrenches



1"-7/16" Dillon Bench Wrench	10842	\$15.00
7/8"-5/8" Combo Die Wrench	66203	11.00
3/4"-9/16" Combo Die Wrench	66202	11.00
1" Die Lock Ring (Zinc Alloy)	14067	2.25
5-Pack of Die Lock Rings (Zinc)	10669	7.50
Wrench/Zinc Lock Ring 5-Pack	10668	21.00
<b>Steel 1" Die Lock Rings</b>		
1" Die Lock Ring (Steel)	62422	\$2.50
5-Pack of Die Lock Rings (Steel)	62423	11.00
10-Pack of Die Lock Rings (Steel)	62424	21.00
1" Wrench/Steel Lock Ring 5-Pack	62425	22.00

## L.E. Wilson

### Case Gages, Deburring Tool

.22-250	12718	\$38.00
.224 Valkyrie	14918	38.00
.243	12828	38.00
.25-06	11760	38.00
.270	11828	38.00
6mm ARC	14981	38.00
6mm/6.5mm Creedmoor	12108	38.00
6.5 Grendel	14925	38.00
6.5 PRC	14919	38.00
6.8 SPC	19522	38.00
7x57 Mauser	10293	19.99
7mm Mag.	12336	46.00
7.62x39	14901	38.00
.30 PRC	14920	38.00
.30-30	12924	38.00
.300 AAC Blk.	19515	38.00
.300 Win. Mag.	11752	46.00
.357 SIG	18708	38.00
.38-40 Win.	10682	38.00
.44-40 Win.	10697	38.00
.338 Lapua	14921	38.00
.50 BMG	14447	60.00
<b>Deburring Tool</b>	16038	32.00



## EGW Chamber Checkers

<b>Rifle Chamber Checkers</b>		
.223 Rem.	25377	\$30.00
5.56x45	25376	30.00
6.5 Creedmoor		
	11582	40.00
.300 Blk	11581	40.00
.308 Win.	18964	40.00
.30-06	19675	45.00
<b>Pistol Chamber Checkers</b>		
9mm	19846	\$25.00
.38 Super	19847	25.00
.40 S&W	19848	25.00
10mm	19676	25.00
.45 ACP	19849	25.00
<b>Cowboy Chamber Checker (.357 Mag., .44 Mag., .44-40, .45 Colt)</b>	25375	\$25.00



# Dillon's Lifetime Ammunition Boxes<sup>^</sup>

Description	Stock #	Each	Case (50)
.22 LR/.25 ACP (100 rd)	80038	\$1.60	\$71.00 (50)
.380/9mm (50 rd)	80019	1.60	71.00 (50)
.380/9mm (100 rd)	80033	2.99	133.00 (50)
.38/.357 (50 rd)	80020	1.60	71.00 (50)
.38/.357 (100 rd)	80034	2.99	133.00 (50)
.44 Mag./.45 Colt (50 rd)	80023	2.15	96.00 (50)
.44 Mag./.45 Colt (100 rd)	80036	3.66	162.00 (50)
.40 S&W/.45 ACP (50 rd)	80024	2.15	96.00 (50)
.40 S&W/.45 ACP (100 rd)	80037	3.66	162.00 (50)
.223/5.56 (50 rd)	80022	2.15	96.00 (50)
.223/5.56 (100 rd)	80035	3.66	162.00 (50)
.243/.308 (20 rd)	80039	1.99	89.00 (50)
.243/.308 (50 rd)	80025	2.89	129.00 (50)
.30-06 (20 rd)	80040	2.06	92.00 (50)
.30-06 (50 rd)	80026	2.99	133.00 (50)
20 Gauge Shotgun (25 rd)	80044	3.15	140.00 (50)
12 Gauge Shotgun (25 rd)	80045	3.15	140.00 (50)

Extra Loading Data Labels, 10446, Package of 100, \$11.99



AMMO BOXES ARE COVERED BY DILLON'S LIFETIME WARRANTY



## Berry's Mfg. Ammo/Storage Boxes<sup>^</sup>

Description	Stock	#Each
.500 S&W (50 round)	19243	\$5.99
NOTE: .500 S&W Ammo Boxes also fit .223/.243/.308 WSSM		
.454 Casull (50 round)	19244	5.99
.45/70 (50 round)	19245	5.99
7.62 x 54R (50 round)	19247	5.99
.300 Ultra (50 round)	19246	5.99
<b>Storage Boxes</b>		
4-3/8" x 2" x 1-5/8"	19250	\$4.99
4-1/2" x 4-1/2" x 1-5/8"	19251	4.99
5-1/2" x 2-5/8" x 2-1/2"	19252	4.99

## Berry's Mfg. "20 Caliber" Ammo Can

Modeled after the military can, this tough unit is injection molded out of a tough polymer, has a gasket sealed lid, and a cam-lock latch to protect your contents. Also features a collapsible handle for easy stacking and storing. Dimensions: 9.25" L x 3.125" BW x 3.125" TW x 2.5" H. **LIFETIME WARRANTY. MADE IN THE USA.**



12296 \$12.99

## Dillon AkroBins<sup>^</sup>

AkroBins are ideal for reloaders who load several calibers, bullet weights, bullet shapes, etc. We've been including these bins with our machines for years, and now we're stocking them in quantity for our customers.

- The small bins (the ones we use as Square Deal "B" cartridge bins) are 4-3/4" long x 3-7/16" wide x 2-13/16" deep.
- The RL 550/XL 650/750 cartridge bins are 6-3/4" long x 3-7/16" wide x 2-13/16" deep.
- The 1050 bins are 10-1/4" long x 4-3/8" wide x 4-3/4" deep.
- The double-extra-large bins we use on our SL 900 measure 13-3/4" long x 6-1/2" wide x 6-3/4" deep (all inside dimensions).

AkroBins are made of heavy-duty polypropylene with permanent, molded-in color (ours are blue). They're virtually unbreakable; unaffected by weak acids and alkalis, and are also water, rust and corrosion proof. Hang 'em, stack 'em, rack 'em and fill 'em – you just can't beat 'em! Buy several and get your "stuff" together.

Description	Stock #	Each	6 ea.	12 ea.
"Square Deal" Bin	13756	\$2.99	\$15.30	\$24.84
"RL 550/XL 650/750" Bin	13839	2.99	15.30	24.84
"RL 1050" Bin	13484	6.99	34.92	61.92
"SL 900" Bin	17125	10.50	56.94	106.92



## Dillon Utility Boxes<sup>^</sup>

Dillon's Utility boxes are ideal for all those accessories that don't quite fit into the compartments of your shooting bag. The large box measures 13-1/2" x 5-3/4" x 2-1/4" and the small box measures 4-5/8" x 6-3/8" x 1-5/8". Use them for cleaning gear, extra magazines, repair parts, first aid supplies, reloading accessories and tools – the list is endless.

Description	Stock #	Each	5 ea.
Small Utility Box	13636	\$8.00	\$37.50
Large Utility Box	17195	8.00	37.50

# Berry's Mfg. Plated Bullets<sup>^</sup>

Description	Stock #	250	Stock #	1000
<b>Bullets for the 7.62 x 39 Cartridge</b>				
123 gr. RN-DS*	17210	\$40.99	65031	\$151.99
<b>.32 ACP Bullets</b>				
71 gr. RN-DS*	17460	25.99	65010	87.99
<b>.380 Caliber Bullets</b>				
100 gr. RN-DS*	17532	31.99	65011	110.99
<b>9 Millimeter Bullets</b>				
115 gr. RN-DS*	17533	33.99	65012	116.99
115 gr. HBRN-TP*	17178	35.99	65013	123.99
124 gr. RN-DS*	17534	34.99	65014	121.99
124 gr. HBRN-TP*	17272	38.99	65015	130.99
124 gr. HBFP-TP*	17385	38.99	65016	130.99
147 gr. RN-DS*	17535	34.99	65017	124.99
<b>.357 Caliber Bullets</b>				
125 gr. FP-DS*	17536	35.99	65018	126.99
158 gr. RN-DS*	17540	42.99	65019	148.99
158 gr. FP-DS*	17539	42.99	65020	149.99
<b>.40 Caliber/10 Millimeter Bullets</b>				
155 gr. HBRN-DS*	17238	46.99	65021	163.99
165 gr. FP-DS*	17232	45.99	65022	164.99
165 gr. HBFP-DS*	17271	50.99	65023	180.99
180 gr. FP-DS*	17542	47.99	65024	171.99
180 gr. RN-DS*	17515	47.99	65025	171.99
Description	Stock #	250	Stock #	500
<b>.45 Caliber Bullets</b>				
185 gr. HBRN-DS*	17543	48.99	65026	87.99
185 gr. FP-DS*	17516	46.99	65027	84.99
200 gr. HBFP-DS*	17517	47.99	65028	88.99
230 gr. RN-DS*	17549	52.99	65029	94.99
Description	Stock #	200	Stock #	500
<b>.44 Caliber Bullets</b>				
240 gr. FP-DS*	17545	47.99	65030	99.99

\*DS = Double Struck, TP = Thick Plate, HB = Hollow Base,  
RN = Round Nose, FP = Flat Point, SWC = Semi Wadcutter,  
WC = Wadcutter

# Sierra Bullets<sup>^</sup>

(This is not LOADED ammunition.)

## 5.56mm/.224 Caliber

52 gr. HPBT MatchKing	100/box	10178	\$29.99
55 gr. BlitzKing	100/box	14458	32.99
69 gr. TMK	100/box	80015	35.99
69 gr. HPBT MatchKing	100/box	13007	31.99
77 gr. TMK	100/box	80016	40.99
77 gr. HPBT MatchKing	500/box	18171	178.99

## 6mm/.243 Caliber

70 gr. HPBT MatchKing	100/box	12386	34.99
-----------------------	---------	-------	-------

## 6.5mm

123 gr. HPBT	100/box	14459	50.99
142 gr. HPBT	100/box	14460	52.99

## 7.62mm/.308 Caliber

125 gr. HP	100/box	14448	47.99
155 gr. TMK	100/box	80018	54.99
155 gr. HPBT Palma	100/box	18160	48.99
168 gr. TMK	100/box	80017	52.99
168 gr. HPBT MatchKing	100/box	10177	48.99
175 gr. HPBT MatchKing	100/box	17481	50.99

# SNS Casting Coated, Hard-Cast Bullets

Coated Hard-Cast Bullets	Stock #	500	1000
.30 M1 Carbine RN 115 gr.	15403	\$61.00	\$104.00
.380 RN 95 gr.	15393	66.00	113.00
9mm RN 115 gr.	13150	55.00	94.00
9mm FP 125 gr.	15396	59.00	101.00
9mm No Lube Groove 125 gr.	15756	59.00	101.00
9mm RN 135 gr.	15043	64.00	109.00
9mm RN No Lube Groove 147 gr.	15044	67.00	115.00
9mm/.38 Super RN 160 gr.	15397	70.00	119.00
.38/.357 RNFP 100 gr.	15859	58.00	99.00
.38/.357 FP 105 gr.	15860	59.00	100.00
.38/.357 FP 125 gr.	15879	59.00	101.00
.38/.357 RNFP 130 gr.	19679	61.00	105.00
.38/.357 DEWC 148 gr.	15880	67.00	115.00
.38/.357 RN 158 gr.	15045	70.00	119.00
.38/.357 SWC 158 gr.	15881	70.00	119.00
.38/.357 RN 160 gr.	15400	70.00	119.00
.40/10mm FP 140 gr.	15335	66.00	112.00
.40/10mm RNFP 165 gr.	19677	77.00	132.00
.40/10mm SWC 175 gr.	15336	79.00	135.00
.40/10 FP No Lube Groove 180 gr.	15337	79.00	135.00
.40/10mm RN 200 gr.	15338	84.00	144.00
.40/10mm FP 220 gr.	15855	90.00	153.00
.44 RNFP 200 gr.	15882	84.00	144.00
.44 SWC 240 gr.	15891	98.00	168.00
.45 RN 200 gr.	15339	84.00	144.00
.45 RNFP 200 gr.	15857	84.00	144.00
.45 SWC 200 gr.	15340	84.00	144.00
.45 RN No Lube Groove 230 gr.	19678	92.00	157.00
	Stock #	250	500
.30/30 RNFP 158 gr.	15854	\$39.00	\$66.00

# Starline Brass<sup>^</sup>

Unprimed brass sold in packages of 100

(This is not LOADED ammunition.)

Description	Stock #	1 Pkg.	5 Pkg.	10 Pkg.
.32 H&R Mag.	30258	\$19.00	\$88.00	\$168.00
.32-20 Win.	31282	25.00	116.00	224.00
9mm	31277	17.00	79.00	152.00
.38 Short Colt	39919	20.00	91.00	175.00
.38 Special	31278	18.00	80.00	154.00
.38 Super +P	31276	20.00	90.00	173.00
.38 Super Comp	30257	20.00	90.00	173.00
.357 SIG	30528	22.00	102.00	196.00
.40 S&W	31283	20.00	93.00	180.00
10mm	31281	21.00	98.00	188.00
.44 Special	31280	24.00	111.00	214.00
.45 ACP	31284	22.00	99.00	190.00
.45 Colt	30259	24.00	111.00	214.00

**WARNING:** These products contain lead, which is known to cause birth defects, other reproductive harm and cancer. Handling components, ammunition, cleaning firearms or discharging firearms in poorly ventilated areas may result in lead exposure. Have adequate ventilation at all times and wash your hands thoroughly after exposure.



# Shellsorter



The **SHELLSORTER** is a simple product designed to reduce the time you spend sorting brass, allowing you to enjoy more time reloading and shooting. The **SHELLSORTER** is comprised of three pans designed to sort several common calibers. The fastest way to sort is to stack all three of the pans together on a common five-gallon bucket, yellow pan on top and black on the bottom; in that way, with a few shakes all your brass is sorted by caliber at the same time. The **SHELLSORTER** is made of ABS, a strong plastic that will give a lifetime of service.

19972

\$39.99

## AMMOBRASS, LLC Swage Setter



The AmmoBrass Swage Setter is for use with any swaging devices such as Dillon's Super Swage 600, Dillon 1050/1100 presses, and almost any other swaging device to assist you in properly setting your swage rod and swage back-up die.

Swage Setter, 3-pc. Set	40187	\$36.00
9mm Swage Setter	40188	12.00
.223/.300 Blk. Swage Setter	40189	12.00
.308/.30-06 Swage Setter	40190	12.00

## RCBS Trim Pro 2 Manual Case Trimmer



The RCBS Trim Pro-2 manual case trimmer features a spring-loaded "universal" shell holder that will accommodate case head diameters from .250" to .625". Comes with pilot calibers: .22, .24, .25, .27, .28, .30, .35, .44 and .45.

RCBS Trim Pro-2™ Case Trimmer 43231 \$139.99

# BERRY'S Manufacturing



Berry's Powder Funnel Set provides a wide range of flexibility when it comes to reloading. The two-funnel set comes with inserts that allow loading calibers from .17 to .50 caliber. Constructed of tough translucent polycarbonate material, they are covered by a lifetime warranty and made in the USA.

Powder Funnel Set

40191

\$9.99

## Berry's Bullet Puller



Nobody's perfect. A bullet puller makes it easy to recover all your components.

Bullet Puller <sup>^</sup>	17999	\$29.99
Puller Cap <sup>^</sup>	17948	4.99
Collet Set	17947	6.99



The Lyman Scale Weight Check Set enables you to check/calibrate your scale using known weights.

Weight Set .5 - 210.5 Gr.

15959

\$54.99

## CED Ultimate Pro Powder Trickler



- Adjustable height
- Weighted base
- Extension arm

\$21.99  
10940

## Lyman Powder Pal Funnel Pan



18399 \$8.99

**WARNING:** The products offered for sale in this catalog can expose you to chemicals, including Lead, which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# The FBI's Last Wheel Gun

The Smith & Wesson Model 13  
3-Inch Round Butt



One of author's S&W Model 13 3-inch Round Butt revolvers, shown here with factory stocks and a Tyler T-Grip® grip adapter.





**The author replaced the factory stocks on both his S&W Model 13 3-inch Round Butt revolvers with Pachmayr rubber ones. The gun on top wears Pachmayr finger groove-equipped Gripper grips, while the one below has Pachmayr Compac grips.**

### By Gus Cotey

The 3-inch barreled, round butt version of the Smith & Wesson Model 13 Military & Police caliber .357 Magnum revolver was the last wheel gun issued to FBI special agents. This medium frame double action (K frame) revolver was the direct descendant of one of the most successful handgun designs ever produced. The ancestral revolver, which made its debut well over a century ago, was initially named the Smith & Wesson .38 Hand Ejector Model of 1899. After several years of improvements, the 1899 model would become known as the Smith & Wesson Military and Police Model, or M&P.

Over the decades, the M&P was produced in several calibers, but by far the most common chambering was .38 Special. When S&W gave its models numerical designations in 1957, this revolver would ultimately come to be known as the Model 10. Note that as engineering revisions were made to specifically numerically designated S&W models, each of these revisions were (and still are) identified by a hyphen after the main model number followed by a number such as 10-1, 10-2, etc. The cataloged model number minus the revision number is

posted on the company brochure, while the complete hyphenated model number is stamped on the portion of the frame hidden by the crane when the cylinder is in battery.

The ubiquitous S&W Model 10 in caliber .38 Special was a mainstay of police handguns back before semiautomatic pistols were in common use for general LE applications. It was accurate, generally considered adequately powerful, durable, and available in standard thickness or heavy barrels of various lengths. Additionally, it was simple to understand, moderate in recoil, equipped with tamper-resistant fixed sights (with the rear sight simply a groove milled into the top strap of the frame), and not excessively heavy being a medium frame revolver.

As good as the S&W Model 10 was there was a sizable market of end users who wanted a more powerful revolver of the same dimensions and fixed-sighted simplicity. Fortunately, improvements in metallurgy allowed for K-frame revolvers to be safely chambered for the much more powerful .357 Magnum cartridge. This led to the development of a special run of the Model 10-6 heavy 4-inch barrel K-frame revolver in caliber .357 Magnum introduced in 1973 for use by the New York State Police.

Shortly after the introduction of the 10-6 .357 Magnum variant, its model designation was changed to Model 13 in 1974. Note that the S&W Model 13 is not to be confused with the ultra-lightweight S&W manufactured aluminum alloy M13 "Aircrewman" caliber .38 Special snubnose revolver specially built between 1953 and 1954 for use by the USAF.

Model 13 revolvers were available blued or nickel plated, with 3- and 4-inch heavy barrels, and in square- or round-butt configurations. The blued 3-inch round-butt variant was adopted by the FBI as their standard issue duty handgun in 1982. This configuration was considered the best compromise for concealability and handling characteristics. The 3-inch barrel allowed for an ejector rod long enough to insure complete ejection of spent .38 Special and .357 Magnum cases, and its 31-ounce weight was not excessive.

While commercially available Model 13 revolvers had permanently attached front sights set up for the most common factory loads utilizing standard weight bullets, FBI-issued Model 13s had their front sights retained by a drift pin which permitted easy removal and replacement with front sights of varied heights by FBI armorers for the purpose of making fine vertical impact point adjustments with Bureau-issued ammunition.

Horizontal impact adjustments on Model 13 revolvers, as in the case of other "old school" service revolvers of this type with milled-in rear sights, were made at the factory by first test firing the gun at a test target at a given distance. In the case of 3- and 4-inch barreled guns, this would be 10 yards. Any horizontal impact deviation from the point of aim was then corrected by a highly skilled artisan striking the right or left side of the frame with a Babbitt alloy mallet while the gun (minus the cylinder/crane assembly and stocks) was held in a fixture which clamped the barrel and grip portion of the frame in place. This method, which is example of an assembly process known as "hard fitting" may sound crude, but it worked. It is my understanding that a really seasoned technician could determine just how hard to strike to make the necessary corrections and do so with just one or two blows.

The standard FBI issue .38 Special duty load for use in the 3-inch round butt Model 13s, as well as other Bureau-issued and organizationally approved personally owned .38 Special/.357 Magnum revolvers, was a .38 Special +P 158-grain soft lead alloy semi-wadcutter hollow point round which came to be known as the "FBI Load." This load which was initially developed by Winchester and adopted by the FBI in the early 1970s was characterized by generally satisfactory terminal performance coupled with moderate recoil. It was also nicknamed the "Chicago Load" (as in Chicago PD) and the "Metro Load" (as in D.C. Metro Police).

According to an online *Gun Digest* article by Bill Vanderpool, a retired FBI Special Agent and former

member of their Firearms Training Unit, agents who were able to prove to their training officers that they could handle full-house .357 Magnum loads could elect to use the rather stout FBI-issue Winchester® Silvertip® 145-grain JHP load on duty, although most preferred to use the issue .38 Special +P 158-grain LHP's. Vanderpool states therein that during new-agent training, the trainees were only required to fire a small number of the 145-grain .357 Magnum rounds and recounts the case of one female trainee who showed him her split thumb web caused by the recoil of these loads.<sup>1</sup>

In my own experience, shooting the above-mentioned .357 Magnum load as well as other examples of full-house magnum factory and handloaded ammo in my own 3-inch RB Model 13 revolvers with the factory issued stocks results in an annoying stinging sensation in my palm after a short while which is not conducive to my best marksmanship. On the other hand, firing +P .38 Special factory ammo and equivalent handloads in these same guns with the factory stocks in place is not at all unpleasant. The use of a grip adapter such as produced by Pachmayr® and Tyler Manufacturing (Tyler T-Grip®) improves the handling characteristics of these weapons when using the factory stocks to a noteworthy extent, at least for me.

Since I have fairly large hands that are not ideally suited to the smallish factory stocks of my two Model 13 RB revolvers, I replaced them with Pachmayr® rubber ones. On one, I installed their Compac grips (SKU: 03270) and put their fuller, finger groove-equipped Gripper® grips (SKU: 02521) on the other. Both styles fit my hands well and cover the backstrap, with the former making for a more compact and easily concealed package. With either one, I find shooting off 100 rounds of full-powered .357 Magnum rounds not too bad at all and great fun in a minimally painful but maximally exhilarating sort of way.

While .357 Magnum cartridges are perfectly safe to shoot in K-frame revolvers chambered for it, repeated use of such ammo will accelerate wear and tear on them relative to using even the most powerful .38 Special ammo in them. French police units found this out the hard way as they were using full-power Norma® .357 Magnum loads exclusively in their Smith & Wesson K frame revolvers. This was especially true for Tier 1 outfits like GIGN (Groupe d'intervention de la Gendarmerie nationale), their elite counterterrorist group whose daily training regimen included firing 150 rounds of these stiff loads.<sup>2</sup> This led to the French switching to the more robust and domestically manufactured Manurhin MR 73 revolvers which are still in use by French LE organizations, but to a lesser extent at present with various Glock 9mm models having been adopted.

As an interesting side note, a Smith & Wesson revolver very similar to the Model 13 3-inch round butt was conceived of and ordered by a French police official,



firearms expert, and noteworthy marksman by the name of Raymond Sasia in the early 1970s. Sasia, a former member of the WWII French Underground wounded in battle at age 17, winner of the Croix de Guerre 1939-45 with honors, former member of Charles de Gaulle's 4-man bodyguard detail, and the first French national to attend the FBI National Academy, came up with what he considered the perfect police revolver. This was a fixed-sighted version of the normally adjustable-sighted Model 19 caliber .357 Magnum (also a K-frame gun) with a 3-inch barrel. The resulting gun looked very similar to the 3-inch round butt Model 13, but with the Model 19's characteristic integral shroud on the barrel which encased the ejection rod when the cylinder was in battery. Only a few hundred of these French Model 19s were built, making them unique collectors' items.

The first incarnations of the Model 13 were designated as "13-1" and "13-2," and featured counterbored chambers. Both of the Model 13 revolvers depicted in this article are of the type produced between 1982 and 1987 whereby chamber counterbores were eliminated along with the retention pin at the barrel/frame junction and designated as "13-3." They are commercial guns with permanently affixed front sights. They have color case hardened triggers and hammers, and hammer-mounted firing pins. Their triggers have smooth, non-serrated contact surfaces. Both have smooth DA pulls and crisp SA pulls, and both will place 158-grain .357 Magnum slugs onto a 6x6-inch target at 25 yards when I do my part. One revolver is equipped with the original older-style cylinder latch while the other has had its original cylinder latch replaced with a modernized OEM one.

One can expect some velocity loss from a 3-inch revolver when compared to a 4-inch one. In a recent test I conducted to compare velocities with four different loads from two different length barrels, I selected one of my 3-inch Model 13s and an old 4-inch Ruger® Police Service-Six®. Both guns' barrels have bores with 5-groove RH twist rifling and 1 turn in 18.75-inch twist rates.

As can be seen in the chart, a near-max .357 Magnum

handload of Winchester® 296 ball powder behind a Winchester® 158-grain JHP which delivered an average of 1,227 fps from the 4-inch gun exhibited a not surprising velocity loss of 82 fps in the 3-inch one. A rather mild .357 Magnum 158-grain FMJ Armscor USA factory load which generated an average of only 1,017 fps in the 4-inch gun delivered only 2 fps less in the 3-inch, which was rather surprising. Switching to .38 Special factory loads, Remington® UMC® 130-grain FMJ ammo and a Armscor USA 158-grain FMJ loads which delivered respective average velocities of 858 fps and 805 fps in the 4-inch gun, exhibited respective velocity losses of 32 fps and 37 fps in the 3-inch one.

The FBI continued to issue the Smith & Wesson Model 13 3" round butt revolver as a primary general purpose duty handgun until around 1992. The organization then switched over for general usage to what would become a procession of semiautomatic pistols in various calibers

and makes ranging from 9x19mm, to 10mm, to .40 S&W, and back again to 9mm. The 3-inch S&W Model 13 continued to be manufactured until 1997.

In 1999, production of the 4-inch version ceased as well.

Rough and ready basic service-type revolvers like the ones discussed herein may be obsolete for general purpose police service use with the advent of modern, higher-capacity semiautomatic pistols with very high levels of off-the-shelf reliability, but they can still fulfill their function as personal-defense arms. For people who don't trust semiautos, or don't have the ability to manipulate slides, or simply prefer revolvers for their simplicity, such firearms when well used will enable their users to increase their odds of survival during violent interpersonal encounters of the unprovoked and lethal kind.

These old wheel guns are still real guns!

1. Vanderpool, Bill. FBI Handguns: Revolvers of the Past. GunDigest.com, July 12, 1981. <https://gundigest.com/article/fbi-handguns-revolvers-of-the-past>

2. Thompson, Leroy. The Manurhin MR73 Revolver - Fighting Wheel Gun Par Excellence. Firearmsnews.com, August 21, 2018. <https://www.firearmsnews.com/editorial/the-manurhin-mr73-revolver-fighting-wheel-gun-par-excellence/307258>

## Comparative Average Velocities in 4 and 3-inch Revolver Barrels

CALIBER	LOAD	4-inch Average Velocity n=10	3-inch Average Velocity n=10	3-inch Average Velocity Loss
.357 Mag.	Handload: Win. 158 gr. JHP, Win. 296 Powder, Win. WSPM Primer, Win. Case	1,227 fps	1,145 fps	82 fps
.357 Mag.	Armscor USA 158 gr. FMJ, Lot 004920	1,017 fps	1,015 fps	2 fps
.38 Special	Remington UMC 130 gr. FMJ, Lot 005520	858 fps	826 fps	32 fps
.38 Special	Armscor USA 158 gr. FMJ, Lot 005520	805 fps	768 fps	37 fps



# MAGPUL PMAG Drums



MAGPUL's PMAG drum magazines are durable, lightweight, highly reliable and made in the USA. The unique drum configuration keeps the height of the magazine manageable and allows for prone firing and easier storage. Features an easy-to-use loading lever, paint pen dot matrix for easy marking, and a rear window for instant capacity indication.

*Regarding GLOCK pistol version: It is recommended that you install a new OEM magazine release on Gen 1-3 GLOCK handguns to support the extra weight of the magazine. Gen 4 GLOCK handguns will require an aftermarket metal magazine release. Installation of a new recoil spring assembly to ensure reliable feeding is strongly recommended. Individual variations between firearms may result in an extra power recoil spring being required. Use of the D-50 GL9 in pistol caliber carbines (PCC) is not recommended, because the increased length of the feed tower will be partially unsupported in most pistol caliber magazine wells. This unsupported condition may cause premature wear on the feed tower magazine catch, and (in firearms which deviate from factory magazine well specifications) may result in improper round presentation and failures to feed.*

PMAG D-60 (AR15/M4)	00131	\$134.95
PMAG D-50 GL9-PCC (Glock mags)	00129	124.95
PMAG D-50 GL9-GLOCK	00128	124.95
PMAG D-50 EV9 (CZ Scorpion)	00126	124.95
PMAG D-50 MP (HK MP5)	00127	124.95
PMAG D-50 (SR25/M110)	00130	154.95



**U**SA-Made Dura Mag  
Speed 30-Round  
AR-15 magazine.  
15561 \$19.99



**S**outh Korean  
30-Round steel-body  
AK-47 magazine.  
76563 \$15.99



**S**outh Korean  
20-Round steel-body  
AK-47 magazine.  
29832 \$9.99



**S**chmeisser 60-Round  
AR-15 magazine.  
68001 \$44.99



**K**orean 30 M1 Carbine  
30-Round magazine.  
29833 \$19.99



**M**etalform stainless  
steel 10mm 1911  
magazine.  
33328 \$24.99





### All-in-One Torque Driver Kit

Featuring the Fix It Sticks All-in-One Torque Driver. Tighten down your scope rings, mounts, actions screws, etc. while in the field, at the range, or at home.

Kit includes: All-in-One Torque Driver (15 - 65 inch lbs); T-Way T-Handle Wrench; 15 different bits: T10, T15, T20, T25, [hex 3/32, 5/64, 1/8, 5/32, 3/16, 2.5mm, 3mm, 4mm, 5mm], P1, slotted #5; 1/2" Socket and 1/4" bit adapter set; and Zippered case with Molded Holder.

29835 \$112.00



### Replaceable Edition Shooting/Hunting Kit

This kit offers unmatched portability, functionality and versatility. Two Fix It Sticks (which combine to form a T-Handle) and 16 bits are held in a molded bracket for portability/storage. Extra room on each end can hold two additional bits. Includes two sticks, bracket, and 16 different bits: 2.5mm Hex, 3mm Hex, 4mm Hex, 5mm Hex, T-10, T-15, T-20, T-25, T-30, 1/8" Hex, 5/64" Hex, 3/32" Hex, 5/32" Hex, 3/16" Hex, Slotted #5, and Phillips #1.

29843 \$40.00



### Mini All-in-One Torque Driver

Tighten scope rings, red dot sights, mounting plates, etc. Just turn the drive handle until the hash mark lines up with the torque value you need (from 6 - 25 inch-lbs).

29837 \$55.00



### All-in-One Torque Driver

Tighten scope rings, mounts, action screws, etc. Just turn the drive handle until the hash mark lines up with the torque value you need (from 15 - 65 inch-lbs).

29836 \$60.00



### Scope Bubble Level Set

Level your optics with machined aluminum levels, featuring precise UK-sourced bubble vials. Kit includes: Magnetic level, NATO/Pic rail level/anti-cant device, and Protective foam carrier with pouch.

29839 \$50.00



### Scope Jack

A new way to level your optic, the Scope Jack works with Any 1/4 inch driver to quickly and easily level your scope to your NATO/Pic rail. Just mount the Scope Jack to the rail under your scope and turn the drive handle until the lifting arm engages with the flat section under your turrets. Once the scope is level, maintain pressure while tightening your ring screws to keep optic level throughout the process.

29838 \$44.00



### Bolt Carrier Group Scraper

Custom bit that is designed to clean carbon off the various surfaces of the Bolt Carrier Group. Works with any standard magnetic 1/4" driver. Black Isonite finish for increased corrosion resistance and strength.

AR-15 (Top) 29840 \$10.00  
AR-10 29841 \$10.00



### Glock Tool Kit

Glock tool kit including two custom bits designed to aid in the assembly and disassembly of Glock Handguns / Front Sights. Includes: *Glock Front Sight Tool*, a 3/16" Hex Thin Wall Nut Driver - Integrated magnet holds the screw securely in place. Machined from Solid Steel Bar Stock. Works with any standard 1/4" bit driver. 3/32" Metal Pin Punch - Punch is sized to ensure easy removal of all Glock pins by hand. Machined from Solid Steel Bar Stock.

29842 \$16.00



### Remington Bolt Opener

Access your Remington 700 firing pin quickly and easily in the field with our compact custom bit. Levers the firing pin head with a "bottle opener" action. Molded synthetic polymer bushing protects bolt plug from damage.

29844 \$20.00



## Master Sight Pusher™



The Real Avid Master Sight Pusher is a professional-grade tool that makes quick work of changing pistol sights while protecting both gun slides and the sights themselves. Heavy-duty, built to last and smartly designed to work on most any modern pistol sights. The oversized, ergonomic Easy Torque™ Handle partners with extra-fine drive threads to provide maximum torque with minimal effort when removing or installing sights. The Universal Press Block features multiple contact surfaces for almost any size and style of press-fit dovetail slots and sight profiles. Adjustable non-marring contact surfaces securely hold both 1911 and flat-bottom pistol slide styles.

Master Sight Pusher

16496

\$149.99



## Lyman Mechanical Trigger Pull Gauge

Lyman's mechanical trigger pull gauge is a simple, accurate and cost-effective way to measure the weight of your firearm's trigger pull. Made of tough machined aluminum and steel components, the gauge will stand up to years of use. The gauge features a rolling trigger shoe, "T" handle, a sliding indicator that holds your highest weight and a zero-adjustment wheel.

- Reads from 0 to 12 pounds
- 2-ounce increments
- Highest weight indicator
- Aluminum and steel construction
- "T" handle and hanging loop for storage

27111 \$24.99



**BIANCHI™**  
LEATHER

# 126GLS ASSENT™

**Six Holster Sizes Fit More Than 250 Firearms**

Taurus PT809, PT840, PT845

• **Compact, RH 11777**

Bersa BPCC .380, 9mm, .40  
Caracal Enhanced F  
FMK C19 (C140)  
FNS 9mm, .40  
FNX 9mm, .40  
Glock 19, 19X, 29, 32, 38, 45  
HK 45C  
HK P2000 9mm, .40  
HK P30 9mm, .40  
HK USP 9mm, .40  
HK USP Compact 9mm, .40  
HK VP9  
ISSC M22 (ATI)  
Rock Island Armory MAPP FS, MS  
Ruger 9E, SR9, SR40, SR45  
S&W 99  
S&W M&P .45 4" (STD)  
S&W M&P .45 Compact  
S&W SD9VE, SD40VE  
Sarsilmaz SAR-K-12, P86  
Tanfoglio Witness 9mm  
Taurus PT24 9mm, .40, .45 Comp  
Walther PP9 Variants 9mm, .40  
Walther PPQ 4" M1 & M2 9mm, .40

• **Sub-Compact, RH 11778**

FNS 9mm, .40 Compact  
Glock 26, 27, 30, 30S, 33, 39  
HK P2000 SK 9mm, .40  
HK P30 SK 9mm, .40  
Ruger SR-9C, SR-40C  
S&W M&P Compact 9mm, .40, .45  
Tanfoglio Witness P Carry 9mm, .40, .45  
Tanfoglio Witness P Compact 9mm, .40, .45  
Taurus Millennium PT111, PT140 G2  
Taurus G3C and G2C  
Walther P99C 9mm, .40  
Walther PP5 9mm, .40

• **Long, RH 11779**

All 1911 Variants  
CZ 75  
FN Five-Seven  
FNS 9LS, .40 LS  
Glock 17L, 34, 35, 40, 41

HK VP9 LS

Grand Power X-Caliber  
Ruger American .45  
S&W M&P 9L, 40L Standard & C.O.R.E.  
Sarsilmaz SAR-K2-45  
Walther PPQ 5" M1 & M2 9mm, .40

• **Wide Long, RH 11780**

Beretta 92F, 92FS (M9), A1, A3  
Beretta 96, 96A1  
Beretta 92 Centurion  
Beretta 92 Vertec  
Beretta 92 Brigadier  
CZ P-09  
FNP .45  
Jericho 941, 941F, 941 PL  
REX Zero 1  
S&W 5906TSW & Similar  
S&W 4566TSW & Similar  
Sarsilmaz SAR-K2-45  
Sphinx SDP Standard Alpha  
SIG Sauer P320 9mm, .40, .45 Standard  
SIG Sauer P226R 9mm, .40 Variants  
SIG Sauer P220R .45  
SIG Sauer X5  
Springfield XDM 9mm, .40, .45 4.5", 5", 5.25"  
Steyr L9A1, L40A1  
Tanfoglio Witness PS  
Walther PPQ M2 .45  
Walther PPQ M2 4" 9mm, .40

• **Wide Standard, RH 11781**

CZ 75 P-01 9mm  
CZ P01, SP01  
CZ 97  
Jericho 941 FS Compact, PSL  
Sarsilmaz SAR-K2P, K2C  
SIG Sauer P320 Compact 9mm, .40, .45  
SIG Sauer P320 Carry 9mm, .40, .45  
SIG Sauer SP2022  
Sphinx SDP Compact Alpha  
Steyr C9A1, C40A1  
Steyr S9A1, S40A1



**\$78<sup>00</sup>**

• **Standard, RH 11776**

Canik 40SA  
Canik TP9SA  
Gamo PT85 Blowback (Airsoft)  
Glock 17, 20, 21, 22, 31, 37  
HK P30L 9mm, .40  
HK VP40  
HK .45  
Magnum Research MR9, MR40

Ruger American 9mm, .40  
Sarsilmaz SAR-P8L, B69  
S&W M&P 22  
S&W M&P 45 4.5"  
S&W M&P 9mm, .40, Standard & C.O.R.E.  
S&W SW40F  
Sarsilmaz ST-10  
SIG Sauer P225 9mm  
Taurus PT 24 9mm, .40, .45



**SAFARILAND®**

A lightweight defensive/competition pistol holster with low-cut sides and open top for a rapid draw. A trigger guard detent and adjustable tension device reliably secures the pistol in the holster during rigorous activity. SafariLaminate™ construction makes this holster tough enough for constant wear. Includes both injection-molded paddle and belt loop. IDPA and USPSA approved.

1911/Clones	40267	\$41.99
CZ-75	40270	41.99
Glock 17	40268	41.99
Glock 19	40269	41.99
Glock 34	40266	41.99
Glock 21	40276	41.99

HK VP9	40271	41.99
SIG P320	40274	41.99
S&W M&P	40273	41.99
Springfield XDM	40272	41.99
STI/Staccato 5"	40275	41.99
USPSA Kit (pictured below) converts 5198 holsters for competition.	40277	\$88.00



**Model 5198  
Concealment**



**\$41<sup>99</sup>**



# Dillon Leather by Mitch Rosen!



## 5JR-DL

**\$75**

A full-length belt slide that offers all-day comfort and superior concealment for an outside-the-pants belt holster.

Beretta 92	18817
Browning Hi-Power/P35	33330
Colt Government Model	18810
Colt Commander	18811
Colt Officers	18812
GLOCK 17, 22, 31	18813
GLOCK 19, 23, 32	18814
GLOCK 26, 27, 33	18815
GLOCK 20, 21	18816
GLOCK 42	10034
GLOCK 43	10035
GLOCK 43X	11919
GLOCK 48	11920
SIG P220, P226	18818
SIG P228, P229	18827
SIG P320 4.7"	10032
SIG P365	10033
S&W M&P 9mm/.40 Auto	19011
S&W M& Police SHIELD™	12241
S&W 2" J-Frame Revolver	18820
Ruger 2.25" SP-101 Revolver	18828



## El Raton-DL

**\$50**

This pocket holster secures and properly positions a J-Frame revolver in your pocket. Will not come out when you draw.

2" J-Frame S&W Revolver 18843



## Sport EXP-DL

**\$98**

The Sport™ holster is a straight-drop design featuring a tunnel loop and rear stabilizing slot. This is an all-around holster suited to field use, "practical" competition, and some prefer it for daily carry. Slim profile, straight drop, close to the body.

S&W 4" K-Frame	19372
S&W 4" Lugged Bbl. L-Fr.	19373
S&W 4" Light Bbl. N-Frame	19374
S&W 4" Lugged Bbl. N-Fr.	19375
S&W 5" Lugged Bbl. N-Fr.	19376



## Best-Quality Belt-DL

**\$70**

Simply the best GUN BELT you have ever owned. Full, double-thickness leather with solid brass buckle and hardware.

### 1.5" Gun Belt

32" Waist
34" Waist
36" Waist
38" Waist
40" Waist
42" Waist
44" Waist

18859
18860
18861
18862
18863
18864
18865

### 1.25" Gun Belt

32" Waist
34" Waist
36" Waist
38" Waist
40" Waist
42" Waist
44" Waist

18873
18867
18868
18869
18870
18871
18872

# 5.11 Tactical®



Double Duty TDU®



Trainer



Operator

The Double Duty TDU® belt is metal-detector friendly and offers two color options. Both the Trainer and Operator belts feature 6,000-pound-test buckles and heavy, reinforced stitching, therefore can be quickly converted into secure tie downs, secondary carry straps or emergency harnesses. All 5.11 tactical belts are made of strong nylon webbing and provide a stable support for carrying firearms and accessories. According to 5.11 Tactical, belt sizes run small, so they recommend you order one size up for the best fit.

## 5.11® Double Duty TDU Reversible 1.5" Belt

Waist Size	1.5" TDU®	
Small 28-30"	21599	\$28.00
Medium 32-34"	21600	28.00
Large 36-38"	21601	28.00
X-Large 40-42"	21602	28.00
2X-Large 44-46"	21603	28.00
3X-Large 48-50"	21604	28.00
4X-Large 52-54"	21605	28.00

## 5.11® 1.5" Trainer Belt & 1.75" Operator Belt

Waist Size	1.5" Trainer	1.75" Operator	
Sm. 28-30"	21613	21606	\$48.00
Med. 32-34"	21614	21607	48.00
Lg. 36-38"	21615	21608	48.00
X-Lg. 40-42"	21626	21609	48.00
2X-Lg. 44-46"	21627	21610	54.00
3X-Lg. 48-50"	21628	21611	54.00
4X-Lg. 52-54"	21670	21612	54.00

# BLADE-TECH™



The Blade-Tech Ultimate Carry Belt by Nexbelt is specifically designed for those who carry a firearm daily for personal defense. The PreciseFit ratchet system allows you to quickly tighten or loosen the belt in 1/4" increments up to 6" for the perfect fit – no matter how you carry. Rest assured, this will be the most comfortable and fastest adjusting belt you will ever own. The Ultimate Carry Belt has a water-resistant backing that helps prevent moisture from penetrating the outer surface and allows for extra strength and durability. **One size – adjusts to fit all.**

Titan Black Nylon 1.5"	12380	\$49.99
Titan Brown Nylon 1.5"	12383	49.99
Defender Black Leather	12384	59.99
Defender Brown Leather	12385	59.99

# Comtech's STINGER



**THE STINGER:** Comtech's own personal defense device. Designed to act as a "force multiplier," it's like having the punching power of a karate master – instantly! There's really nothing like it for easy carry and access. It passes un-noticed by 90 percent of people who see it. Yup, just another "keychain device" to most, and yet it works so well when needed. You deserve a Stinger!

19495 \$9.99

# BLADE-TECH™

## "Signature" OWB Holster

Over the last 21 years Blade-Tech has been dedicated to perfecting the OWB holster. In collaboration with industry leading polymer experts, Blade-Tech created an incredibly strong proprietary blend of polymers, that allowed them to precision mold the "Signature OWB holster" with extreme accuracy for a perfect fit every time! Features a positive lock trigger guard, adjustable retention screws and Tek-Loc™.

Colt 1911 R/NR (rail or no rail)	40148	\$34.99
CZ 75 3.75" SP01	10038	34.99
GLOCK 17/22	40140	34.99
GLOCK 19/23	40139	34.99
GLOCK 20/21	40142	34.99
GLOCK 34/35	40141	34.99
SIG 4.7" P320/X5	10036	34.99
S&W 4" M&P (also fits Gen2)	40149	34.99
S&W 4.25" M&P 2.0	10037	34.99
Springfield 4.5" XDM	40145	34.99
Springfield 5.25" XDM	40146	34.99
STI Edge	40147	34.99

## Klipt IWB Holster

The Klipt Appendix "Inside the Waistband" holster is an ideal way to conceal and securely carry a small- or medium-frame auto or J-frame revolver. Your firearm locks securely into the holster with the signature Blade-Tech click.

GLOCK 42	43396	\$29.99
GLOCK 43/43X	43398	29.99
GLOCK 48	80046	29.99
Ruger LC9	43394	29.99
SIG P365 3.1" Barrel	43401	29.99
S&W J-Frame Revolver	43397	29.99
S&W M&P Shield	43395	29.99
Springfield Hellcat	43500	29.99
Springfield XDS 3.3" Mod 1&2	43393	29.99



**BLADE-TECH Magazine Pouches**



**BLADE-TECH Duty Drop & Offset™**

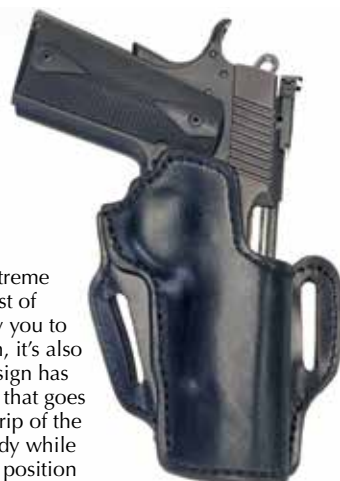
40017  
\$14.99



<b>Single Mag</b>	<b>\$19.99 ea.</b>
1911	40150
Small GLOCK	40151
Large GLOCK	40152
Double-Stack 9/.40	40153
Double-Stack .45	40154
<b>Double Mag</b>	<b>\$29.99 ea.</b>
1911	40155
Small GLOCK	40156
Large GLOCK	40157
Double-Stack 9/.40	40158
Double-Stack .45	40159



**Large Tek-Loc™ Universal Belt Clip**  
40029 \$12.99



This holster is designed for an extreme high rise carry and offers the best of both worlds. Not only does it allow you to carry a full-size automatic handgun, it's also totally concealable. The unique design has Mernickle's patented stabilizer flap that goes behind the belt. This prevents the grip of the gun from tipping away from the body while doing daily activities. The high-rise position allows you to sit in chair or vehicle without needing to take the gun out of the holster.

XHR 1911 Holster **19018 \$99.95**



Designed to be the ultimate in concealed carry for those not comfortable with an Outside the Waist Band (OWB) holster – the ISP offers a great carry solution! This holster gives the appearance of a front pocket wallet and breaks up the outline of your gun. The smooth Herman Oak leather inside protects the finish of the gun, but the suede outside ensures that the holster sticks in the pocket.

Sm Auto ISP	19019	\$39.95
Med Auto ISP	19020	39.95
Sm Revolver ISP	19089	39.95

Conceal-Carry Performance Series  
Revolver holsters can be worn strong side, appendix carry or cross draw and are fully molded. Auto holsters are strong-side only.

4-3/4" SAA/Clones	11560	\$79.99
4-5/8" Ruger Blackhawk	15765	79.99
GLOCK 19/23	62278	79.99



This holster/mag pouch combination was designed for the Single Action Shooting Society's "Wild Bunch" category, incorporating a holster and mag pouch that look like they were made at the turn of the century, yet feature state-of-the-art speed and accuracy.

1911 Holster	19947	\$139.99
Mag Pouch	19946	44.99





# Comp-Tac



## Comp-Tac QB

The QB can be worn as a concealed carry or competition holster. Can be worn left or right handed, has cant adjustability and a high quality Push-Button mount that is easy on, easy off and can be locked for security by sliding the button horizontally. Mount also allows for belt-width adjustment.

**QB Size 1 fits:** GLOCK 9/.40/.357 all lengths, GLOCK 41, GLOCK 36; S&W M&P 9/.40/.357 all lengths (not Shield); Walther PPQ/M2 all lengths  
**43380 \$51.00**

**QB Size 2 fits:** CZ P07, P09; HK VP40, P30, P30L, P30SK, USPs full size and compact, P2000; Ruger American, Ruger SR9 full size and compact; S&W M&P .45s (not Shield); Springfield XD/XDM/Mod 2 all lengths and calibers; GLOCK 20/21 all versions, GLOCK 40; SIG 250 all lengths, with and without rail, all calibers, SIG 320 all lengths, all calibers, SIG 226 all versions, SIG 229 all versions; Taurus all .45 Millennium and Millennium Pro; Walther PPQ .45  
**43381 \$51.00**

**QB Size 3 fits:** GLOCK 43; Springfield XD-S; S&W Shield; Walther PPS; Walther CCP  
**43382 \$51.00**

**QB Size 4 fits:** 1911s – Colt, Kimber, Springfield including TRP Half and Full Rail, SIG 1911s, all Mil-Spec 1911s  
**43383 \$51.00**



## IDPA Revolver Competition Holster (Above, Left)

4" K-Frame S&W Revolvers **13029 \$67.99**  
4" L-Frame S&W Revolvers **13032 67.99**  
2.5" N-Frame S&W Revolvers **13035 67.99**  
4" N-Frame S&W Revolvers **13038 67.99**  
4.2" Ruger GP100 Revolvers **13048 67.99**

## USPSA Revolver Competition Holster (Above, Right)

6" K-Frame S&W Revolvers **13030 \$67.99**  
6" L-Frame S&W Revolvers **13033 67.99**  
5" N-Frame S&W Revolvers **13043 67.99**  
6.5" N-Frame S&W Revolvers **13044 67.99**

# Evolution Gun Works

## Picatinny Rail Scope Mount



Fits Factory-Drilled S&W Revolvers **11276 \$34.99**

# SAFARILAND®

## Revolver Accessories



Comp 1



Comp 2



Comp 3



## Comp 1 Speedloader

S&W J-Frame (5-Shot) **12405 \$13.99**

## Comp 2 Speedloader

S&W K-Frame **13104 \$13.99**

S&W L-Frame **13074 13.99**

## Comp 3 Speedloader

S&W K-Frame **13224 \$19.99**

S&W L-Frame **13117 19.99**

## 333 Speedloader Holder

S&W K-Frame **12411 \$34.99**

S&W L-Frame **13087 34.99**

## Clip-On Speedloader Holder

Sm./Med. Fr. **10340 \$11.99**

## Speedloader Loading Block

S&W K-Frame **12262 \$24.99**

S&W L-Frame **12878 24.99**

# HOGUE®

## HoldALL



## Universal Moon Clip/Speed Loader Holders

Moon Clip Holder **44080 \$29.99**

Speed Loader Holder **44081 29.99**

**NOTE:** Dummy ammo, moon clips and speed loaders not included. Moon Clip Holder center post measures 1/2" in diameter. Both designed for 1.5" wide belts.

# TK Custom Moon Clips



Chiappa Rhino 9mm/.40 S&W (10 Pk)	<b>12040</b>	<b>\$65.00</b>
Chiappa Rhino .38/.357 (10 Pk)	<b>12043</b>	<b>65.00</b>
N-Fr. 9/.38 ACP 8-Shot (Blue) (10 Pk)	<b>12044</b>	<b>39.99</b>
L-Fr. 9/.38 ACP/.40 6-Shot (Blue) (10)	<b>12057</b>	<b>39.99</b>
Ruger Redhawk .38/.357 8-Shot (10)	<b>44446</b>	<b>69.99</b>
Ruger Super GP100 .38/.357 8-Shot (10)	<b>44447</b>	<b>69.99</b>
Ruger Super GP100 9mm 8-Shot (10)	<b>44448</b>	<b>69.99</b>
S&W N-Fr. .45 ACP 6-Shot (10 Pk)	<b>12058</b>	<b>19.99</b>
S&W N-Fr. .45 ACP EDM 6-Shot (10)	<b>12059</b>	<b>74.99</b>
S&W N-Fr. 10mm 6-Shot (10 Pk)	<b>55520</b>	<b>79.99</b>
S&W L-Fr. .38/.357 7-Shot (10 Pk)	<b>12065</b>	<b>64.99</b>
S&W L-Fr. .38/.357 6-Shot (10 Pk)	<b>12066</b>	<b>64.99</b>
S&W J-Fr. .38/.357 5-Shot (5 Pk)	<b>12088</b>	<b>32.99</b>
S&W K-Fr. .38/.357 6-Shot (10 Pk)	<b>12090</b>	<b>64.99</b>
S&W N-Fr. .38/.357 8-Shot EDM (10)	<b>12091</b>	<b>64.99</b>
N-Fr. .38/.357 8-rd. EDM Starline ONLY(10)	<b>12092</b>	<b>64.99</b>
S&W N-Fr. .38/.357 8-Shot (Blue) (10)	<b>12093</b>	<b>39.99</b>

# EGW S&W Revolver Mount for Trijicon RMR/SRO and Holosun 407C/507C



This mount fits S&W K, L, N and X Frame Revolvers. If your revolver is NOT drilled and tapped this mount will not work, but you can have a competent and qualified gunsmith drill and tap the top strap with the factory S&W hole pattern which will allow you to use the EGW mount. Material: 7075 Aluminum  
Coating: Matte Black Hardcoat  
Overall Length: 1.780"  
Overall Width: 1.1"  
Included Mounting Hardware: (2) 6-32 Flat Head Screws, (1) 6-48 X 1/4" Torx Screw  
Red Dot Fitment: Trijicon RMR / SRO, Holosun HE407C / HE407C X2 / HE507C / HE507C X2 / HS407C / HS407C X2 / HS507C / HS507C X2, Swampfox Kingslayer / Liberty / Justice

**16083 \$49.99**

# Apex Tactical Specialties Action Enhancement Trigger for Springfield Armory Hellcat



The Action Enhancement Trigger for the Hellcat pistols is the easiest, quickest upgrade you can do to the trigger system that significantly improves the feel of the trigger pull, without reducing factory safety values. When properly installed, this drop-in trigger will:

- Reduce trigger pull weight to 5.0 to 5.5 lbs after break-in
- Smooth uptake and reset
- Reduce trigger overall travel and reset distance
- Deliver a crisp trigger break
- Directly replaces factory components without additional fitting
- Maintains factory safety values

**10175 \$79.99**

# Apex Tactical Specialties



**S&W J-Frame Duty/Carry Spring Kit** – Installation of this kit reduces the trigger pull weight by approximately 3 pounds from factory specifications.

**14309 \$25.99**

**S&W Revolver Frame-Mounted Firing Pin** – The combination of the Firing Pin and the Reduced Power Firing Pin Return Spring is designed to reduce the probability of light strikes.

**21888 \$15.99**

# TUFF PRODUCTS Quick STRIPS



**TUFF QuickStrips** are available for a variety of revolver calibers from .17 HM2 to .460 S&W. Sold in packages of 2.

.22 LR-Mag./17HM2-HMR (10 rd.)	<b>11737</b>	<b>\$8.99</b>
.32/.327/9mm (8 rd.)	<b>11738</b>	<b>8.99</b>
.38/.357/.40/10mm (5 rd.)	<b>11740</b>	<b>8.99</b>
.38/.357/.40/10mm (6 rd.)	<b>11741</b>	<b>8.99</b>
.38/.357/.40/10mm (7 rd.)	<b>27083</b>	<b>8.99</b>
.38/.357/.40/10mm (8 rd.)	<b>11742</b>	<b>8.99</b>
.44 Sp.-Mag./45 Colt/.460 S&W/.410 Shotgun (6 rd.)	<b>11750</b>	<b>8.99</b>



# Elite Tactical Systems Magazines

**Made in the USA  
With a Lifetime  
Warranty!**

## CZ Scorpion Evo Magazines

CZ Scorpion Evo Magazine, 30 rd. 9mm **11340**  
CZ Scorpion Evo Magazine, 40 rd. 9mm **11341**

## Glock Magazines

GLK-17-10 Magazine, 10 rd. 9mm	<b>10265</b>	<b>17.99</b>
GLK-17 Magazine, 17 rd. 9mm	<b>40179</b>	<b>16.99</b>
GLK-9-22 Magazine, 22 rd. 9mm	<b>10262</b>	<b>21.99</b>
GLK-9-170 Magazine, 27 rd. 9mm	<b>40182</b>	<b>21.99</b>
GLK-18 Magazine, 31 rd. 9mm	<b>10246</b>	<b>21.99</b>
GLK-18-40 Magazine, 40 rd. 9mm	<b>40161</b>	<b>26.99</b>
GLK-19-10 Magazine, 10 rd. 9mm	<b>10264</b>	<b>17.99</b>
GLK-19 Magazine, 15 rd. 9mm	<b>40180</b>	<b>16.99</b>
GLK-20 Magazine, 15 rd. 10mm	<b>40164</b>	<b>16.99</b>
GLK-20-20 Magazine, 20 rd. 10mm	<b>40184</b>	<b>21.99</b>
GLK-20-30 Magazine, 30 rd. 10mm	<b>40165</b>	<b>23.99</b>
GLK-21 Magazine, 13 rd. .45 ACP	<b>40162</b>	<b>16.99</b>
GLK-21-18 Magazine, 18 rd. .45 ACP	<b>40183</b>	<b>21.99</b>
GLK-21-30 Magazine, 30 rd. .45 ACP	<b>40163</b>	<b>23.99</b>
GLK-22-140 Magazine, 19 rd. .40 S&W	<b>10263</b>	<b>21.99</b>
GLK-22-170 Magazine, 24 rd. .40 S&W	<b>40186</b>	<b>21.99</b>
GLK-22 Magazine, 30 rd. .40 S&W	<b>10250</b>	<b>21.99</b>
GLK-42 Magazine, 7 rd. .380	<b>10251</b>	<b>16.99</b>
GLK-42 Magazine, 9 rd. .380	<b>10260</b>	<b>21.99</b>
GLK-42 Magazine, 12 rd. .380	<b>10261</b>	<b>21.99</b>
GLK-43 Magazine, 7 rd. 9mm	<b>10247</b>	<b>16.99</b>
GLK-43 Magazine, 9 rd. 9mm	<b>10248</b>	<b>21.99</b>
GLK-43 Magazine, 12 rd. 9mm	<b>10249</b>	<b>21.99</b>

## S&W Shield Magazines

SW9-SHD-7 Magazine, 7 rd. 9mm **40166** **16.99**  
SW9-SHD-12 Magazine, 12 rd. 9mm **40167** **21.99**

## S&W M&P Magazines

SW9-MP-17 Magazine, 17 rd. 9mm **40168** **16.99**  
SW9-MP-21 Magazine, 21 rd. 9mm **40169** **21.99**  
SW9-MP-30 Magazine, 30 rd. 9mm **40170** **21.99**

## Springfield Armory XDM Magazines

SA XDM Magazine, 22 rd. 9mm **30206** **16.99**  
SA XDM Magazine, 30 rd. 9mm **30207** **21.99**  
SA XDM Magazine, 40 rd. 9mm **30208** **26.99**

## SIG 320/250 Magazines

SG9-320-17 Magazine, 17 rd. 9mm **40171** **16.99**  
SG9-320-21 Magazine, 21 rd. 9mm **40172** **21.99**  
SG9-320-30 Magazine, 30 rd. 9mm **40173** **21.99**

## H&K VP9 Magazines

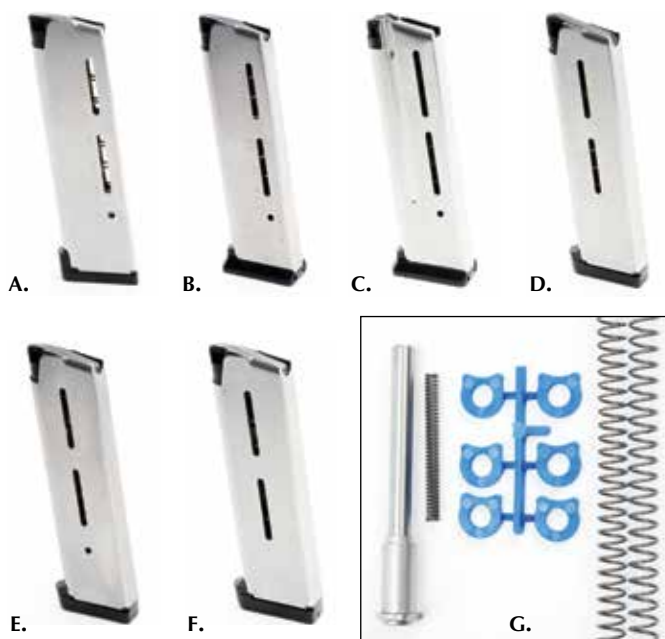
HKVP9-17 Magazine, 17 rd. 9mm **40174** **16.99**  
HKVP9-21 Magazine, 21 rd. 9mm **40175** **21.99**  
HKVP9-30 Magazine, 30 rd. 9mm **40176** **21.99**

## H&K MP5 Magazines (Compatible with all MP5-style 9mm firearms.)

HK MP5 Magazine, 30 rd. 9mm **10043** **39.99**  
HK MP5 Magazine, 40 rd. 9mm **10042** **44.99**  
HK MP5 Magazine, 10 rd. 9mm **10022** **39.99**



# Wilson Combat



**Wilson Combat's Elite Tactical Magazine HD +P** – "The ETM Heavy Duty/+P rated .45 ACP magazines with exclusive stainless flatwire MAX magazine spring and time-tested ETM tube."

**A. (8 rd) .45ACP** **18602** **\$48.99**

**Elite Tactical Magazine** – "The ETM started with a blank sheet of paper and 30-plus years of 1911 and 1911-magazine experience; designed from the ground up as a premium tactical magazine."

**B. ETM (8 rd) .45ACP** **12027** **\$39.99**

**C. ETM (10 rd) 9mm** **19463** **42.99**

**Not Pictured – 47NX (9 rd) 10mm** **12371** **40.99**

## Wilson Combat Magazines

**D. Match Magazine (7 rd) .45ACP** **10505** **\$35.99**

**E. WIL-ROG Mag (8 rd) .45ACP** **11714** **35.99**

**F. Officers Match Mag. (7 rd) .45ACP** **10506** **35.99**

**SHOK-BUFF® Recoil System** – Includes a One Piece Guide Rod and Plug; six SHOK-BUFF buffers; an Extra Power Firing Pin Spring; an Extra Power Recoil Spring; and a Reduced Power Recoil Spring.

**G. SHOK-BUFF System** **18150** **\$38.99**

**Wilson SHOK-BUFF®** – A 1/10" thick poly fiber buffer between the frame and slide contact areas.

**SHOK-BUFF Kit (2 buffers, 18.5# recoil spring) Gov't Model**

**18148** **\$6.99**

**SHOK-BUFF Buffer only (6 ea.)** **18147** **6.99**

# CMC Magazines

**M**cCormick Railed Power Mags™ feature patent pending Dual Wall Feed Rails™ that are at least twice the strength of regular feed lips. They have a patented tactical RPM™ follower, a stainless steel mag tube, an EZ clean base pad and a proven customer-satisfaction policy. All CMC magazines are designed to give the pistol shooter the advantage of extra shot capacity and improved performance.

## Railed Power Mags™

**CMC RPM 10-Rd. .45 ACP 1911** **11077** **\$39.99**

**CMC RPM 8-Rd. .45 ACP 1911** **11078** **36.99**

## Match Grade and Range Pro Magazines

**Match Grade .45 ACP 8-Rd. (Floorplate drilled for base pads.)**

**10311** **\$30.99**

**Base Pad & Screws for above** **33360** **2.99**

**Range Pro 10-Rd. 9mm (Pictured)** **43261** **34.99**



# The Worst Target in the World

By Clayton Walker

We've all had a less-than-perfect range experience that can be traced to a bad choice of target. Often, the target is a mismatch for the equipment. As a case in point: ever raised a set of solid black sights at the middle of a black target and watched everything blur into a single, undifferentiated mass? Elsewhere, a target can be a poor selection for the skill level of the shooter. Our range runs a string through a tennis ball and sells them for a buck a pop as a cheap reactive target. They're fun as hell, but damned if I've ever seen a novice hit one at seven yards.

Likely, the experienced shooters that make up **The Blue Press** readership will note that those aforementioned "bad" targets are really only bad in context. However, there's one target that's bad *nearly all of the time*. I'm speaking of the "diagnostic" pistol target. Ostensibly designed to help a shooter correct errors, at best it offers no useful feedback to the majority of shooters and shooting styles, and at worst it actively hinders newcomers in their quest to improve.

First, indulge me in a quick history lesson. As best as I can track down, the diagnostic pistol target dates back to shooting advice that crystallized as "best practice" by the 1930s in firearm instruction manuals and books on marksmanship. At that time, most officers were trained to stand ramrod straight, blade off to the target, and bring "the one-hand gun" up to eye level with the dominant arm fully outstretched.

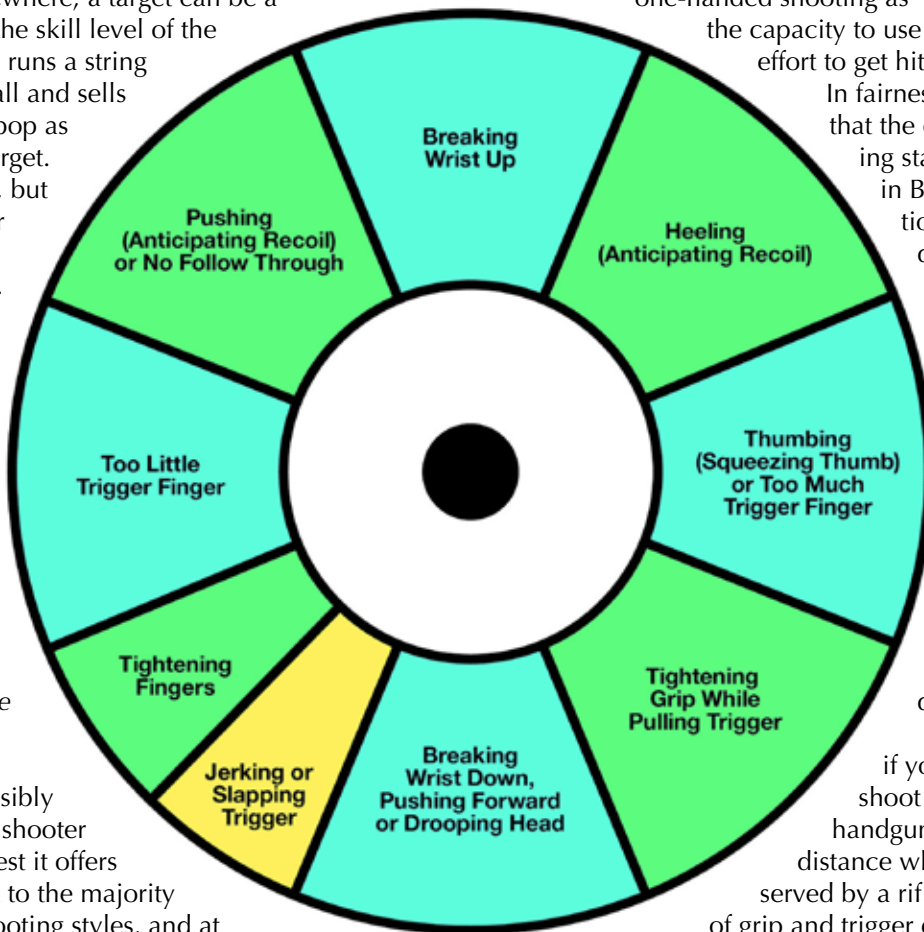
Obviously, that was a long time ago. By the 1960s,

guys like Jeff Cooper and Jack Weaver created a paradigm shift in handgun marksmanship by promoting what's patently obvious to most of us: it's a hell of a lot easier to shoot fast and accurately with the support hand providing additional control. As far as I'm aware, no current military, law enforcement, or self-defense instructor advocates one-handed shooting as "Plan A" if you have the capacity to use two hands in your effort to get hits.

In fairness, I should mention that the one-handed shooting stance of yore persists in Bullseye competition. Why? Well, tradition for one thing, but also because it's really damn hard to shoot one-handed out to 50 yards. In fact, the skill ceiling for Bullseye is so remarkably high that no shooter has ever recorded a perfect score. It's hard by design.

In that context, if you're trying to shoot something with a handgun one-handed at a distance where you'd be better served by a rifle, *minor* variations of grip and trigger engagement are indeed heavily magnified. For example, it's entirely plausible that inconsistent thumb pressure on one side of the gun could push one's shots a few inches left or right. That's assuming everything else is held constant and the gun-and-ammo combination is precise enough to hit the X-ring every time from a machine rest.

And so, we reach the only real use of the "diagnostic" target: as a tool for shooters so exceptionally skilled that they're self-consciously looking to challenge themselves. To put this another way: the diagnostic target *may* be of



**The diagnostic target. Alternately, "The Wheel of Misfortune." Shame it doesn't diagnose much at all!**





**This Colt Officer's Model Target revolver is prototypical of the time period and shooting disciplines the diagnostic target references. Which is to say about 80 years ago.**

use to you if you're *narrowly* missing a 3" target shooting one handed at either 25 or 50 yards, and you're missing in a *consistent* way on a gun you're *sure* has perfectly aligned sights for a set load. This is the only context in which the diagnostic target will diagnose anything.

In the real world, you'll almost always find the diagnostic target at 7 yards or closer, where those still working their way towards handgun proficiency hope it will shed light on what's usually a 12" pattern. Or larger. You'll often hear audible hems and haws. "Looks like I tightened my fingers on this one," the shooter muses. "But over here on these ones, it looks like I used too much trigger finger."

To accept such an explanation is to imagine that a person is dramatically changing every aspect of their grip from one shot to the next, squeezing *sometimes* with a death grip, pushing their thumb against the frame *sometimes*, and making a deliberate effort to have their index finger come to rest in a different place every time they pull the trigger. It's an interpretation that defies common sense.

What's really going on is that if a shot goes outside (say) a 3" circle at 7 yards, a shooter is *almost always* anticipating recoil. I don't like the term "flinch," but

there it is. About a decade ago, I uploaded my own version of the diagnostic target to a shooting forum. I'd revised it so that the 3" circle in the middle read "There, keep doing that!" and every sector around that middle part read, "You're flinching." I was surprised and delighted to see it circulate.

A far better diagnostic is to have a shooter fire a handgun with a single dummy round or snap cap loaded somewhere in the middle of the magazine or placed into one cylinder chamber. If they visibly mash or shake the gun at the same time the trigger is pulled on that dud round, bingo: gremlin found. From there, safe dry fire practice can help the novice shooter ingrain the process of pulling the trigger slowly and evenly to the rear without disturbing the sight picture.

What's more, if the shooter can pull the trigger on an empty chamber without causing disruption of the sight picture, you can rule out all of that diagnostic target mumbo jumbo like thumbing, milking, or heeling, as well as worrying about whether too much or too little trigger finger is being applied. It's the *mash* that's the major problem. Not all that other stuff.



## Shooting technique straight from a late 1930s-era Colt manual. We've since learned a bunch about "correct" shooting positions.

I think what bugs me the most about the diagnostic handgun target is that most shooters sincerely, legitimately want to improve! The person that buys a pack of these targets is taking steps to become more self-aware and is open to feedback. Tragically, it will give them the *wrong* feedback and cause them to unnecessarily micro-focus on a set of factors that don't really matter.

Keep an eye out for these stupid targets the next time you're at the range. If you see a shooter using one, you might kindly inquire if they're looking to fine-tune their

technique – nobody likes unsolicited advice. But if the novice shooter *is* receptive and does want to pick your brain, you can actually tell them why the target is nonsense and what they can actually do to start placing rounds where they're intended.

Bullseye competition notwithstanding, the style of one-handed pistol shooting that spawned the diagnostic target has already gone the way of the dinosaur. It's time the diagnostic target did likewise.





# Unscrew Yourself

Unscrew your sizing die to feel how smooth a Dillon runs with  
**professionally processed brass**

- Super Vel factory processed brass
- Roll sized *and* full-length resized
- Camdex commercial-grade processor
- Primer pockets swaged to SAAMI specs
- Ringers and Berdan pockets removed
- Air pressure verified: no case cracks
- Mixed headstamp, all guaranteed correct
- 9mm Luger, .45 ACP, .40 S&W
- In stock, ready to ship



*Buy online factory direct,  
best price, fastest delivery!*

[www.supervelammunition.com](http://www.supervelammunition.com)

**SUPER VEL**  
*Ammunition*



# HIPERFIRE®



## Competition HIPERTOUCH®

- Designed for the Ultimate In AR Performance
- HIPERFIRE®'s Most Popular Trigger
- Virtually No Take-Up/Pre-Travel,
- Very Smooth
- Cam-Over Toggle Engine™
- Very Hard Hitting Hammer Soft-Start Lock-Up™ for Pre-Ignition Stability
- You-Adjust Pull Weights of 2-1/2 and 3-1/2 lbs.
- Radical Sear Mechanics™
- Straight Trigger Bow
- HIPERSHOE® Finger Pad Revolution™
- Changes the Trigger Lever Length for Fine Weight Adjustment

Competition Hipertouch AR10/15 Trigger **40287**  
Reflex Hipertouch AR10/15 Trigger **40286**

**\$250.00**  
**225.00**



## Reflex HIPERTOUCH®

- Everyman's AR Trigger
- Virtually No Take-Up/Pre-Travel, Very Smooth
- Similar to the Competition except with Curved Trigger Bow
- As Run by Keanu Reeves in John Wick 2
- Cam-Over Toggle Engine™
- Very Hard Hitting Hammer Soft-Start Lock-Up™ for Pre-Ignition Stability
- You-Adjust Pull Weights of 2-1/2 and 3-1/2 lbs.
- Radical Sear Mechanics™
- Semi-Auto Single-Stage
- Curved Trigger with a Backbone™
- Crisp, Clean, Trigger Break

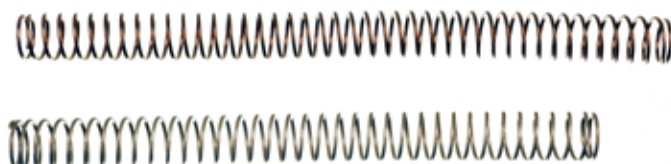
# HIPERCOMP®



HIPERFIRE® HIPERCOMP® high-performance recoil compensators feature best in-class recoil reduction, include crush washers and install with MIL armorer's wrenches. (AK HIPERCOMP not pictured.)

Hipercamp 9mm, 1/2"x28	<b>40285</b>	<b>\$69.00</b>
Hipercamp 556, 1/2"x28	<b>40282</b>	<b>69.00</b>
Hipercamp 762 NATO, 5/8"x24	<b>40284</b>	<b>79.00</b>
Hipercamp 762 AK, M14x1L	<b>40283</b>	<b>79.00</b>

# MILSPEC AR Buffer Springs



AR15 Rifle Buffer Spring  
AR15 Carbine Buffer Spring

**12213** **\$4.99**  
**12208** **4.99**

# KNS Precision, Inc.



Gen 2 Mod 2 Non-Rotating Trigger/Hammer Pins .154 Diameter.

**33391** **\$33.00**



Gen ST Non-Rotating Trigger/Hammer Pins .154 Diameter.

**33392** **\$38.00**



KNS Precision, Inc. AR-15 Bolt Catch Retainer Pin.

**33390** **\$9.99**



Perma-Pin Firing Pin Retainer for M-16 and AR-15 replaces the standard cotter pin found in the bolt carrier to retain the firing pin (as in original Stoner rifles). Made of tool steel. No modification to gun required.

**19927** **\$9.99**

# JP Enterprises Gear



JP Enhanced Reliability, Reduced Power AR Spring Set  
**12590** **\$10.99**



JP Reduced Power AR Spring Set  
**12618** **\$10.99**



## JP Enhanced Gas Rings

.223 Gas Ring	<b>11917</b>	<b>\$9.99</b>
.308 Gas Ring	<b>11918</b>	<b>9.99</b>

# Badger Ordnance Tac Latch



Gen 1



Gen 2

The Badger Ordnance Tac Latch makes it much easier for you to operate the latch on your AR-15/

AR-10 charging handle.

Gen 1	<b>10379</b>	<b>\$19.99</b>
Gen 2	<b>18477</b>	<b>19.99</b>



# EB Ed Brown Products

## Two-Piece 1911 Guide Rod Assembly

Heat-treated Stainless Steel  
May be installed without  
firearm modification.

10229 \$29.99



## Rebuild Kit

for 1911-Style Pistols,  
STAINLESS (pictured)

10226 \$19.99

BLUE

10225 \$19.99



## Grip Screw Bushings

Set of Four for 1911-Style  
Pistols STAINLESS (pictured)

10228 \$9.99

Set of Four for 1911-Style  
Pistols BLUE

10227 \$9.99



# Wolff Gunsprings

## Wolff RECOIL SPRINGS

### BROWNING HI-POWER

18.5 Pound 11373 \$7.99

### COLT GOVERNMENT MODEL

9 Pound 11719 \$7.99

10 Pound 12193 7.99

12 Pound 12007 7.99

13 Pound 12443 7.99

14 Pound 12338 7.99

16 Pound (Std.) 11860 7.99

17 Pound 12192 7.99

18.5 Pound 12465 7.99

20 Pound 12056 7.99

23 Pound 11377 7.99

### COLT OFFICERS MODEL

24 Pound 12110 \$7.99

### CZ 75B

9 Pound 19348 \$7.99

10 Pound 19349 7.99

11 Pound 19350 7.99

12 Pound 19351 7.99

13 Pound 19352 7.99

14 Pound (Std.) 19353 7.99

### SMITH & WESSON M&P

12 Pound 19356 \$7.99

14 Pound 19357 7.99

15 Pound 19358 7.99

16 Pound (Std.) 19359 7.99

### SPRINGFIELD 5" 9/40 XD

12 Pound 19339 \$7.99

13 Pound 19340 7.99

14 Pound 19341 7.99

15 Pound 19342 7.99

16 Pound 19343 7.99

17 Pound (Std.) 19344 7.99

### SPRINGFIELD 5" 45 XD

14 Pound 19345 \$7.99

16 Pound 19346 7.99

18 Pound 19347 7.99

### SPRINGFIELD 4.5" 9/40 XDM

14 Pound 19336 \$7.99

16 Pound 19337 7.99

18 Pound (Std.) 19338 7.99

## Wolff GUIDE RODS

S&W M&P 19354 \$24.99

Sp'field XDM 4.5 19355 24.99

## Wolff RED Striker Spring 3-Pack

S&W M&P 25301 \$7.99

## Wolff HAMMER SPRINGS

1911(19,20,21#) 11511 \$9.99

## Wolff MAG CATCH SPRINGS

1911 11791 \$9.99

## Wolff REVOLVER SPRINGS

The Shooter's Paks listed for various revolvers contain springs designed to optimize hammer and/or trigger function often without the expense of "custom trigger jobs."

## (Hammer/Trigger Return Springs)

Ruger GP-100 11367 \$10.50

SP-101 12598 9.50

S&W J Frame 12189 9.00

## (Mainspring/Rebound Springs)

S&W K,L,N (standard) 15073 \$15.00

S&W K,L,N (reduced power) 15072 15.00

## Wolff RIFLE SERVICE PACKS

Rifle Service Packs offer one each of the available coil-type springs required to return the particular rifle to original factory condition.

M1 Garand 55015 \$25.99

M1 Carbine 55016 17.99

M1A/M14 55017 23.99

## Wolff REPLACEMENT

## MAGAZINE SPRINGS

Glock 33-Round Magazine

11950 \$9.99

S&W M&P Magazine Springs, 3-Pack

25300 17.99



# Nighthawk Custom Drop-In 1911 Trigger System

When looking to upgrade the performance of a 1911 pistol, a common improvement sought by shooters is a high-quality trigger job, with a crisp, clean break. Until now, a high-quality trigger has never been in the realm of a "drop-in" upgrade. Nighthawk Custom has changed that with the introduction of its Drop-In Trigger System (DTS) for 1911 pistols.

An all-in-one unit, the DTS replaces your existing hammer, hammer strut, sear, disconnector, and sear spring. Your existing sear pin and hammer pin will be retained for use with the DTS, but no other parts are necessary for installation. With a steel housing securing the unit, the DTS features all Fully Machined™, stainless steel internal components. The traditional three-pronged sear spring is no longer necessary as the springs for the disconnector and sear are built into the unit. A single-leg grip safety spring is included with the DTS to replace the existing sear spring.

The DTS is designed for use in most 1911 models, and installation is simple enough that minimal gunsmithing skills are necessary.

Stainless Drop-In Trigger System 18930 \$299.99

Black Nitride Drop-In Trigger System 18931 299.99



# Evolution Gun Works 1911 Magwell

EGW 1911 Magwell, Blue

18601

\$74.99

EGW 1911 Magwell, Stainless

18600

74.99

# Dillon's 1911 Action Impact Reducers^



An easy, affordable way to protect your favorite 1911's frame from being battered by recoil.

Action Impact Reducers (6 ea.)

20516

\$4.99

# MAGPUL®

## UNFAIR ADVANTAGE™



MAGPUL 10-Round polymer  
PMAG 10 AR-15/M4 Gen  
M3™ .223/5.56 magazine.  
**33393 \$13.99**



MAGPUL 25-Round polymer  
PMAG 25 LR/SR Gen M3™  
Window SR25/ M110 .308/  
7.62x51 magazine.  
**27080 \$22.99**



MAGPUL 30-Round polymer  
PMAG 30 AK/AKM MOE®  
7.62x39 magazine.  
**43241 \$13.99**

MAGPUL 30-Round polymer  
PMAG 30 GEN M3™ AR-15/  
M4 .223/5.56 magazine.  
**43280 \$14.99**  
MAGPUL AR-15/M4  
.300 BLK magazine  
**12121 \$15.99**



MAGPUL 5-Round Limiter  
PMAG 20. Only fits  
.223/5.56 magazines.  
**33394 \$13.99 Pkg of 3**



MAGPUL AK MAGLINK™  
fits 7.62x39 PMAG 30-round  
AK/AKM MOE® and GEN M3™  
magazines.  
**00008 \$17.95**



MAGPUL's Enhanced Self Lev-  
eling Follower is a drop-in  
replacement for USGI 30-round  
magazines. Features a four-way  
anti-tilt design.  
3-Pk. **12606 \$6.99**



MAGPUL MAGLINK™  
makes it easy to link MagPul  
.223/5.56 mags together.  
**43240 \$17.99**

**FOR MAGPUL GEN 2 & 3  
.223/5.56 MAGS ONLY**



MAGPUL 20-Round polymer  
PMAG 20 LR/SR Gen M3™  
SR25/M110 .308/ 7.62x51  
magazine. **55007 \$19.99**



MAGPUL 20-Round polymer  
PMAG 20 AK/AKM MOE®  
7.62x39 magazine.  
**10008 \$12.99**



MAGPUL Bipod for 1913  
Picatinny Rail (above) is

made of high-strength polymer,  
steel and Mil-Spec hard anodized  
aluminum.

FDE **12112 \$109.99**  
Black **12098 109.99**

The MAGPUL Bipod for M-LOK  
mount (not pictured).

Black **33408 \$109.99**

The MAGPUL Bipod for Sling Stud  
Mount (not pictured).

FDE **33407 \$129.99**  
Black **33406 129.99**



MAGPUL PMAG 10 7.62 AC is a  
reliable and durable polymer  
magazine for the .308 Winchester-  
based family of cartridges.

Compatible with short action  
AICS-spec bottom metal to in-  
clude the Bolt Action Magazine  
Well for the Hunter 700 Stock.

**10702 \$39.99**





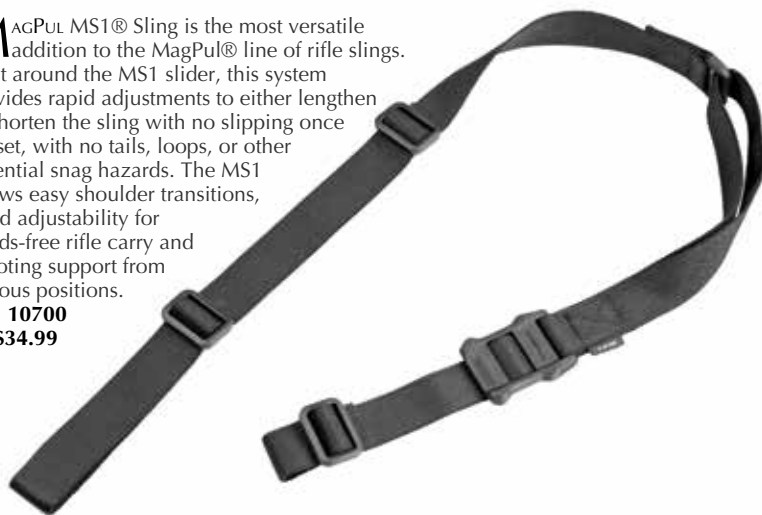
**M**AGPUL 35-Round polymer PMAG 35 EV9® magazine for the CZ Scorpion EVO 3.  
**12113 \$19.99**



**M**AGPUL MS1 QDM Sling includes factory-installed MagPul QDM quick-disconnect swivels (inset, above).  
**10703 \$74.99**

**M**AGPUL MS1® Sling is the most versatile addition to the MagPul® line of rifle slings. Built around the MS1 slider, this system provides rapid adjustments to either lengthen or shorten the sling with no slipping once it's set, with no tails, loops, or other potential snag hazards. The MS1 allows easy shoulder transitions, rapid adjustability for hands-free rifle carry and shooting support from various positions.

**10700 \$34.99**



**M**AGPUL M-LOK QD Sling Mount provides a forward attachment point for the MagPul MS1 QDM Sling and other push-button QD slings.

**10704 \$19.99**



**M**AGPUL push-button quick-detach sling swivel for 1-1/4" webbing, compatible with QD sling attachment points. Manganese-phosphate finished steel.

**43239 \$14.99**



# SPRINGFIELD ARMORY

## Magazines



### Springfield Hellcat, XD and XDM Magazines

15-Rd. Hellcat 9mm	15128	\$39.99
13-Rd. Hellcat 9mm	15127	39.99
11-Rd. Hellcat 9mm	15126	29.99
19-Rd. XDM 9mm	15496	36.99
22-Rd. XDM 9mm	15497	33.99
7-Rd. XD-S 9mm	19681	28.99
8-Rd. XD-S 9mm	11731	39.99
9-Rd. XD-S 9mm	19680	39.99
5-Rd. XD-S .45	15234	28.99
6-Rd. XD-S .45	11730	39.99
7-Rd. XD-S .45	15235	39.99

**Two-Piece 1911 Recoil Spring Guide Rod –**  
*Machined from stainless steel.*

**15724 \$24.99**

## MEGGAR® Magazines

Beretta 92 18-rd. AFC*	18728	\$29.99
Beretta 92 20-rd. AFC*	18729	35.99
Browning HP 15-rd. Blue	18730	28.99
1911 8-rd. .45 ACP Blue	43406	25.99
1911 8-rd. .40 S&W Blue	43405	24.99
1911 8-rd. 10mm Blue	43404	24.99
1911 10-rd. 9mm Blue	43402	29.99
1911 11-rd. .45 ACP Blue	18732	24.99
CZ-75B 19-rd. AFC*	14989	35.99
Para P-14 14-rd. Blue	18733	29.99
Para P-16 15-rd. Blue	18734	23.99
Para P-18 17-rd. Blue	18735	29.99
Ruger P-Series 9mm 20-rd. Blue	18737	29.99
S&W 59 17-rd. Blue	18738	26.99
S&W 59 20-rd. Blue	18739	31.99
SIG Sauer 226 18-rd. AFC*	18740	31.99
SIG Sauer 228 15-rd. Blue	18741	26.99
Springfield XD (not XDM) .40 13-rd. AFC*	14991	29.99
Taurus 92-99 17-rd. Blue	18742	29.99
Taurus 92-99 20-rd. Blue	18743	34.99

\*AFC = Anti-Friction Coating

# STOP ABUSING YOUR FIREARMS!

## Part I: "Substance Abuse"

By Jimmi Bonavita, Photos by Miles Lumbar

I believe most firearms owners are proactive types who, if witnessing a child or partner being abused, would immediately intercede to stop such an act. Yet every day, tens of thousands of them regularly abuse their firearms through careless handling, improper cleaning, or most often, just simple, ignorant neglect. Occasionally, however they will actively do something stupid to deface or damage their gun permanently. As a firearms owner of 63 years and counting, I've spent the last 48 of them performing minor repairs and perfecting restoration techniques for abused and neglected firearms for friends, relatives and gun shops. I regularly see much that defies logic, and occasionally total comprehension!

As a military special weapons instructor, certified state and federal law enforcement and military firearms instructor, and occasionally, a guest foreign weapons technology instructor for a well-known international training center near my home, I've thrown hundreds of thousands of rounds downrange with everything from authentic small caliber suppressed semi-automatic "assassination" pistols and high-tech, ultra-long range sniper rifles to heavy machine guns. I also spent 22 years providing

weapons, special effects and firearms instruction to the movie industry, part-time. All these experiences led me to develop hard-learned and informed opinions on firearms' care, repair, maintenance and restoration. Here

in six parts, I'll try to pass on knowledge I have learned from a lifetime of experiences.

Let me begin by emphasizing that I do not generally advocate aggressive

"restoration," refinishing or modifying of most firearms... except legitimate "working guns."

By that I mean those firearms regularly used for daily carry, hunting or competition where modifications are necessary to ensure better ergonomics, reliability or tactical utility because these are the guns you must always count on and in all situations. And I

vigorously oppose all modifications to collectible, historical or family heirlooms firearms for *any* reason! I myself committed this Cardinal sin a couple of times many years

ago and am very sorry that I did so.

I learned the hard way that by doing it I immediately and permanently depreciated their value at least by half! Please understand that "restoration" is not the same as "refinishing." If restoration of the special classes of firearms above are warranted, the prescribed method must involve gentle, tedious and time-consuming manual





application of 0000 (ultra-fine) steel wool in conjunction with a high-quality gun oil on the metal parts, and occasionally (if warranted), a judicious (and sparing) application of gently hand-warmed cold blue for those badly worn, “white” metal areas to prevent further rusting. A high-grade of hand-rubbed oil finish (I prefer Dem-Bart stock oil, but also occasionally use Birchwood Casey’s Tru-Oil finish) is the only treatment I ever use on wooden parts after removal of all grime, grease and old finish using mineral spirits (denatured alcohol) and 0000 steel wool, which preserves the patina, character of the wood, and the value of the original stock. Military cartouches, insignia, serial or other numbers or proof marks embossed into the wooden stocks or stamped into metal should be preserved at all costs. Grinding wheels, files and sandpaper should never be present in the same room with these firearms!

Removing original markings will affect the value of the weapon severely and forever removes it from any collector interest or consideration. And in the case of serial numbers, doing so is a federal felony. Did you ever

wonder why the value of original, unaltered military firearms keeps skyrocketing? The alteration and/or “refinishing” of so many original condition, collectible firearms (one of my early faux pas) is the number one reason! Numrich Gun Parts, the “go to” place for out-of-production, obsolete or military surplus gun parts since 1950, has in recent years completely run out of many of the commonly sought-after original and obsolete replacement parts for historical, military and many popular hunting firearms. Sadly, except for possibly a few small caches of carefully preserved “lend-lease” U.S. military small arms that remain in a Siberian salt mine or two (the importation of which is no longer allowed by federal regulations), there will be no more.

Surprisingly, one of the most common errors committed against firearms involves the use of WD-40. Never use it on any of your firearms except for one narrowly defined purpose: the rare and necessary deactivation of live ammunition stuck in a firearm’s chamber. WD-40 was developed as a “water displacement” agent, not a lubricant. A proprietary formula that contains anti-corrosion agents and ingredients for penetration and soil removal that was perfected on the 40th attempt, hence the name “WD-40.” The important concern for gun owners is it contains a chemical substance like kerosene that accumulates in every nook and cranny, attracting dust, dirt and grime, and once its “temporary” lubricating effect evaporates, it can cause slowed operation, excessive wear, or even a complete lock-up of the weapon’s action.

**“Never use WD-40 on any of your firearms except for one narrowly defined purpose: the rare and necessary deactivation of live ammunition stuck in a firearm’s chamber.”**

A few local gunsmiths I know have made princely sums over the years cleaning and freeing-up fully inoperable hunting rifles and shotguns whose actions fell victim to this malady because of negligent gun owners who sprayed down their firearms with WD-40 and placed them in a closet or corner, “out of sight, out of mind,” until the next shooting session or hunting season. Over a quarter-century ago, if my fading memory still serves me, in response to a query in the *American Rifleman* magazine’s Q&A column about substances that would deactivate old, unwanted ammunition before its disposal, WD-40 was discovered to be the most effective substance for this purpose, accomplishing this goal, and as quickly as in a couple of seconds! A truly efficient “penetrating oil,” WD-40 effortlessly enters a cartridge via the primer pocket and will deactivate the primer and contaminate the powder.

As a police firearms instructor and former LE investigator, I’m aware of at least one actual case where an officer died in a gunfight with two armed robbers due to his fully loaded service revolver failing to fire a single

round...even though all the primers had been adequately dented several times! It was later determined the officer had fallen into the short-cut, bad habit of liberally spraying his fully loaded revolver with WD-40 on a regular basis “to keep it lubricated.” This cost him his life.

One officer under my instruction years ago in a similar scenario was discovered to have been spraying WD-40 on his still holstered weapon each night before deployment to his walking beat on the Atlantic beachfront, ostensibly to prevent salt-water corrosion. Our department’s practice for semi-annual re-qualifications back then included arriving at the range with duty weapon “holstered and hot” so you could expend your issued “carry” ammunition, which we would then replenish with fresh ammunition before your return to duty status. The reason was not only to negate the salt-water corrosion problem, but also to protect the city from liability lawsuits by training officers with the very same cartridges we carried on duty. Whether or not this officer’s cartridges had been deactivated by the WD-40 was moot since his revolver was stuck fast inside his leather holster so that he could not draw it when the command to “fire” was given! For the above reasons, is there any question why we implemented a three-day suspension policy for those officers caught using WD-40 on their weapons?

And, yes, I do have a couple of cans of WD-40 laying around, which I use on other, appropriate household chores, but use on firearms isn’t one of them!

Be safe, be smart, and be well informed!





# Real Avid Gun Tools & Cleaning Gear



Smart Mats™ are cleaning mats on steroids. The no-slip backed padded mat features an oil-resistant surface. It allows you to properly clean your gun without ruining the kitchen table and is large enough to handle field-stripped guns. The ingenious magnetic parts tray ensures your pins, screws and springs are never lost again. This is real world gun cleaning taken to the next level.

AR-15 Smart Mat  
1911 Smart Mat  
Handgun Smart Mat

<b>29041</b>	<b>\$24.99</b>
<b>29040</b>	<b>19.99</b>
<b>29042</b>	<b>19.99</b>



The Master Bench Block™ is the most comprehensive AR15 bench block ever! It allows you to tap 13 critical pins from 5 different components. The block is wrapped in an over-molding that grips to your bench to prevent slippage.

**29033** **\$34.99**



This advanced kit includes every standard and roll pin punch needed to build or work on an AR15.

**29032** **\$39.99**



The Chamber Boss –AR15™ All-In-One AR15 Chamber Cleaning Kit. Every tool you need to easily eliminate baked-on carbon from the AR15 chamber.

**21778** **\$29.99**



Installing a pivot pin is a small step that can quickly become a giant pain in the neck. Meet the AR15 Pivot Pin Tool – the one tool guaranteed to take the nail biting, pin-launching task of installing a pivot pin and turn it into something you might actually look forward to. Align the guide, insert the spring and detent pin, slide the pivot pin into place. Click. Snap. Done.

**29034** **\$9.99**



Carbon Boss™ – AR15. This is the most comprehensive carbon removal multi-tool ever built. Extremely versatile, it has 12 precision surfaces to clean the most critical parts of your bolt, bolt carrier, cam pin, and firing pin. It's the enemy of your AR15's worst enemy.

**29039** **\$29.99**



The unique Accu-Grip™ Picks and Brushes get the job done, feel good in your hand, and won't scratch your firearm. Eight profiles dig gunk out of the places that even the sun don't shine. They're tough on the crud but tender on the metal. A better designed, better built detailing kit that just might make your dentist jealous.

**29036** **\$9.99**

The AR15 Brush Combo™ contains the critical components you need to keep your AR15 chamber and bore carbon free. It contains a star chamber brush and star chamber mop for cleaning inside the hard to reach star chamber. Star chamber pads help collect left-over carbon while applying the perfect amount of oil or solvent. The .223/.56mm bore brush scrubs baked on carbon from lands and grooves.

**29037** **\$9.99**

There's no easy way to scrape carbon out of the star chamber of an AR15 unless you're a surgeon. That's why you use a star chamber brush to loosen the carbon then remove it with these star chamber cleaning pads. Done deal. Now get back to shooting. 20 wool chamber pads per package.

**29038** **\$12.99**





# Real Avid Gun-Cleaning Chemicals



## BORE-MAX™ BORE FOAM

Powerful gun-metal grade foaming solvent is specially formulated to expand and penetrate within the gun bore, rapidly and effectively dissolving performance inhibiting copper and powder fouling.

12oz. can Bore-Max **40215** **\$12.99**

## FOUL-OUT™ GUNK BLASTER

Foul-Out Gunk Blaster blows away grease and grime fast. This powerful gun-metal grade solvent quickly strips gun actions of burnt powder, oil and grease, eliminating malfunctions of moving parts due to fouling and build up. Quickly cleans chambers, actions, trigger groups, bolt groups, slides, choke tube threading, semi-auto gas ports, extractors, ejectors and other hard to reach areas.

12oz. can Foul-Out **40216** **\$12.99**

## GUN-MAX™ GUN OIL

Gun-Max's advanced gun-metal grade formula sets a new standard for protecting, lubricating and cleaning modern guns. Powerful inhibitors displace moisture delivering extended corrosion protection. Advanced anti-friction additives bond to metal surfaces for longer lasting lubrication of moving metal parts. Maximizes performance of semi-auto guns with high cycle rates. Formulated to excel in sub-zero temperatures and harsh operating conditions.

12oz can Gun-Max **40214** **\$12.99**



## Real Avid VIZ-MAX™ Bore Sighter



### THE FAST, EASY WAY TO ACCURATELY BORE SIGHT YOUR RIFLE.

Viz-Max™ is a revolutionary, yet uncomplicated, next generation V instrument. No more fumbling with extra pieces and underpowered lasers to find your mark. Housed in the rugged and protective exoskeleton is a precision machined, factory calibrated laser. The laser projects a powerful green dot providing maximum visibility and quick acquisition. The bore attachment is fast and easy with the hold-fast neodymium magnet.

**10134** **\$129.99**



## Real Avid Smart TORQ™



The most precise and technically advanced torque driver for guns. Specifically developed for optics mounting and gun builds. Discrete inch-pound-increment settings provide spot-on torque adjustments. Comfortable ergonomic grip with Force Assist makes tool manipulation a breeze. The functionally intuitive torque setting with visual, tactile and audible feedback provides confident assurance. To get you started, Smart Torq comes with 12 of the most commonly used gun bits. Never over-torque a scope ring again!

**21776** **\$79.99**



# Real Avid MASTER GUN VISE™

## MULTI-AXIS BENCH-MOUNT VISE WITH TORQ-LOK™

One vise to rule them all. The first real bench vise made exclusively for guns and gun tools. Whether you're building and customizing, repairing and cleaning or mounting scopes and accessories, this vise improves every part of the GUN DIY® experience. Quickly reposition your gun to any orientation without ever removing it from the vise. Insert the Torq-Lok pin for applying heavy force. Use the removable and reversible Gun-Fit jaw sleeves (*not pictured*) for a specific gun grip or turn the leveling knob for simple scope mounting and leveling. Build. Customize. Repair. Mount. Clean. All hail the King....

10135

\$299.99



## Real Avid AR15 Bolt Catch Pin Starter & Pin Punch Set



Two punches, one simple solution to the difficult-to-access bolt catch retaining pin. The orientation of the pin, close proximity to the lower receiver, distance required to safely punch a pin, and the difficulty in getting the pin started makes it a real pain with standard punches. Our simple solution is specially designed to fit flush against the receiver without damaging it, and is long enough to reach the pin. It features a roll pin punch for removing pins and a magnetized roll pin starter punch that eliminates the need for a third hand. Smart, simple, frustration free.

66053

\$14.99

## Real Avid LUG-LOK® Upper Vise Block



Real Avid designed an upper block that leverages the strongest part of the gun – the barrel lugs inside the star chamber. The Lug-Lok is precision machined and precisely fits into all Mil-Spec uppers. It mates perfectly with the barrel lugs, while allowing you to rotate the upper to be able to work on different sides. The Lug-Lok is the safest, easiest and smartest way to lock down an AR15 or AR10 upper into a bench vise.

AR-15 (*pictured above*)  
AR-10

29035  
10137

\$79.99  
119.99



# Real Avid Level-Right™ PRO



A level reticle is critical to long-range accuracy. For longer shots a canted reticle will pull or push a bullet's trajectory off of vertical center. It gets worse the more the distance increases. A level scope means that the reticle will be perfectly aligned with the rifle bore. Balancing small levels on a scope turret and gun receivers has been a commonly accepted

practice for years. Not only is this a clumsy process, it's wrong. The turret on most scopes is not perfectly aligned with the reticle, so even if your turret is level to the gun, your scope may not be. Level-Right PRO simplifies scope alignment in four easy steps. Accurate and intuitive, this instrument quickly aligns the actual scope reticle to the horizontal gun plane, which is key to the long-range accuracy of your rifle. Level-Right PRO helps you quickly and confidently mount a scope for maximum accuracy.

Level-Right PRO

21777

\$69.99





# Real Avid ARMORER'S MASTER KIT™



**NEW!**

This kit of Master Grade Tools and how-to information equips you to confidently tackle everything from building your own gun from the ground up to customizing or modifying an existing gun. With better tolerances, materials and expanded capability, every tool is carefully designed to make each job as simple and easy to execute as possible. Housed in a professional tool case and equipped with step-by-step instructions, you will be able to work smarter and create better guns regardless of your experience level.

31401 \$279.99



## ARMORER'S MASTER WRENCH™

**NEW!**



The Real Avid Armorer's Master Wrench features best-in-class strength, precision fitment and ergonomic intelligence. Wrenches seat squarely for a no-slip fit on stubborn barrel nuts, castle nuts, muzzle brakes, or fixed stock receiver extensions. Industry first torque wrench attachment location is optimally positioned to provide consistent torque for all nuts. As a bonus, interchangeable hammer heads make the Armorer's Master Wrench a "Master" hammer as well! This is the right tool for the job... and for you.

31402 \$79.99



**NEW!**

## BORE BOSS®

The single piece Dual Action Cable with integrated phosphor bronze brush and braided mop wraps around the unique Flex-Case Handle to keep the system stowed and organized. To use, simply flip, feed, clip and pull. Throw it in your pack, or put it in your pocket. It's the next best thing to a self-cleaning gun.

Bore Boss .17 Caliber	31406	\$9.99
Bore Boss .22 Caliber	31407	9.99
Bore Boss .38/.357/9mm Caliber	31412	9.99
Bore Boss .40/.41/10mm Caliber	31413	9.99
Bore Boss .44/.45 Caliber	31414	9.99
Bore Boss .223/5.56 Caliber	31408	9.99
Bore Boss .243/.260/6.5 Caliber	31409	9.99
Bore Boss .308/7.62 Caliber	31410	9.99
Bore Boss 9mm Carbine Caliber	31411	9.99
Bore Boss 20 Gauge	31415	9.99
Bore Boss 12 Gauge	31416	9.99

## AR15 FRONT SIGHT ADJUSTER TOOL

**NEW!**



This smartly designed tool makes front sight adjustments quick and easy. The stainless steel shaft is knurled to create no-slip leverage when turning tight posts. It works on both A1 & A2 front sights and the compact design won't clutter up your bag.

31403 \$9.99

## THE AR15 SCRAPER™

**NEW!**



### PRECISION, MULTI-FUNCTION CLEANING TOOL FOR AR15 BOLT CARRIER GROUPS

A dirty bolt carrier group (BCG) is the number one cause of AR15 malfunctions. Carbon is the enemy and it quickly builds up in hard-to-clean areas. This precision-made tool gives you the power to easily demolish carbon from 12 surfaces on the bolt carrier, bolt, bolt cam pin and firing pin. Clean it fast, clean it right.

31404 \$19.99

## THE AR10 SCRAPER™

**NEW!**



### PRECISION, MULTI-FUNCTION CLEANING TOOL FOR AR10 BOLT CARRIER GROUPS

A dirty bolt carrier group (BCG) is the number one cause of AR10 malfunctions. Carbon is the enemy and it quickly builds up in hard-to-clean areas. This precision-made tool gives you the power to easily demolish carbon from 11 surfaces on the bolt carrier, bolt, bolt cam pin and firing pin. Clean it fast, clean it right.

31405 \$19.99

# Competitive Edge Dynamics



**CED Reloading Machine Mirror Complete Unit** – With the largest mirror in the industry, it allows easy viewing of BOTH the Case Feeder and the DAA Mr. Bullet Feeder in a single glance. Know exactly when to fill brass or bullets.

13669

\$23.99



**CED M2 Chronograph** comes with sensors, screens and one two-foot mounting bracket.

CED M2 Chronograph	17926	\$199.99
Infrared Chronograph Upgrade Kit	12116	89.99
Rechargeable Battery Pack for Above	12117	58.99
Tripod	18126	42.99
2-Ft. Skyscreen Mounting Bracket	18120	14.99
Replacement Skyscreens	18124	21.99
Replacement M2 Sensor	18877	36.99



**CED Universal Reloading Machine Light** – This custom made, heavy duty, LED light, provides 3 watts of intense lighting, illuminating your entire reloading machine's shellplate. With three light intensity selection levels, and a heavy duty 9" (23cm) long adjustable rubber coated neck, the CED Universal Reloading Machine light shines precisely where you need it. Made with two heavy duty powerful magnets that strongly secure to any metal surface, this universal light is compatible with all Dillon machines (550 needs the strong mount for use).

13694

\$24.99

**The CED7000 Shot Timer** is a breakthrough in technology. No other timer to date offers this combination of advanced features, compact size and light weight. This is the "next generation" Shot Timer here today! Comes with a rechargeable battery with low-battery LCD indicator and a universal charger.

19208

\$129.99



**CED Reloading Machine Covers** – Unlike other reloading machine covers on the market today, the CED Machine covers are designed to include the DAA Mr. Bullet Feeders and Autodrives in some cases. Made of a strong nylon material, they include grommets for air circulation, and an ID holder that allows you to place your load details on each machine in use. A D-ring located at the zipper closing allows the cover to be locked, keeping children from places they should not be! Offered in two size ranges, a 650/750 medium cover and the large 1050/1100 model.

650/750 (Medium)	13693	\$39.99
1050/1100 (Large)	12888	39.99

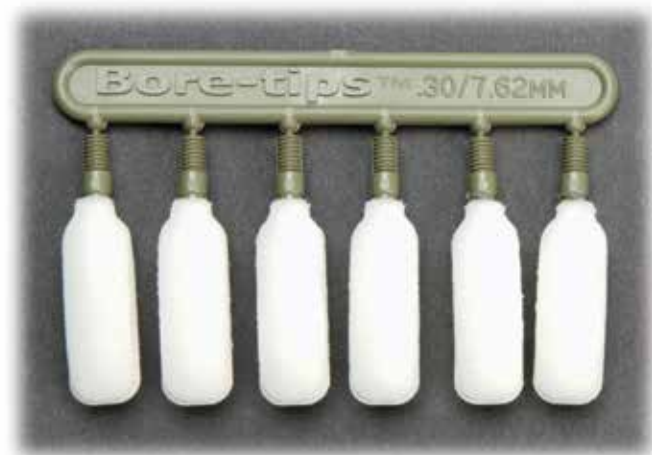
**CED Solid Brass Squib Rod** – The CED custom-designed Squib Rod is the ideal solution for those unexpected emergencies on the range that would otherwise ruin a perfect practice or match day!

13675

\$19.99



# Swab-its



No s#!+, there I was...in my office, cleaning my revolver when the boss walks in with that "whiskey-tango-foxtrot" look on his face. "Hi," I said (*thinking fast*), "I'm trying out these Bore-tips before I write the *Blue Press* copy for them. They work GREAT!" The **Bore-tips Swabs** REALLY DO work. What you can't see under the foam is a plastic jag sized for a tight bore fit which provides for the uniform application of solvents and oils. They work with all standard 8-32 thread cleaning rods, and are tough and reuseable.

.22/.56mm (6 ea.)	15310	\$6.00
.243/6mm (6 ea.)	15311	6.00
.30/7.62mm (6 ea.)	15312	6.00
.357/9mm (6 ea.)	15313	6.00
.40/10mm (5 ea.)	15314	6.00
.45 Caliber (5 ea.)	15315	6.00



**Gun-tips® Extended Reach Firearm Cleaning Swabs** by Swab-its® revolutionize the way you clean your gun. The foam tips are lint free, reusable and ideal for cleaning trigger assemblies, slide rails, springs, extractors and anywhere else space is tight. 24 per package.

12583 \$9.99



## Ram Rodz Barrel & Breech Cleaners

.22 Caliber/5.56mm, 300 count	43289	\$13.99
.38 Caliber/9mm, 200 count	43290	13.99
.40 Caliber/10mm, 100 count	43291	13.99
.45 Caliber, 75 count	43292	13.99



## SPECIAL PURCHASE!

Outers® Barrel Badger, by the makers of Bore Snake, is a quick bore-cleaning system that you can use dry or with other gun cleaning products to make gun maintenance easy.

.30 Cal./7.62mm	16899	\$4.99
9mm/.38/.357 Cal.	16900	4.99
.44/.45 Cal.	16903	4.99



For more than 100 years, consumers have trusted Ballistol to lubricate, penetrate, clean, protect, and preserve their firearms, leather gear, wood, metal surfaces, and more. With an astonishingly wide range of applications, this environmentally friendly multi-purpose oil has become an essential tool for shooters, hunters, fishermen, and handymen all over the world.

1.5 oz. Aerosol Can	30147	\$4.99
6 oz. Aerosol Can (pictured)	30145	9.99
16 fl. oz. Non-aerosol Can	30146	19.99

## TUFF Products 3 Gun Ammo Bags



TUFF Products 3 Gun Ammo Bags (Set of 3) are made of 1000 Denier Cordura® and equipped with dual 550 cord cinch strings for secure closure. The Red/Blue bags hold up to 200 loose pistol/rifle rounds and Black bag holds up to 200 loose shotgun rounds.

15773 \$24.99

## Tuff Products Mag Pouches



Tuff Products Magazine Pouches are the most versatile we've ever seen. They can be worn on a belt or attached to anything that has a MOLLE fastener system. Available in black or coyote brown.

Black 8-Magazine Single-Stack (1911)	19854	\$39.99
Brown 8-Magazine Single-Stack (1911)	19855	39.99
Black 5-Mag. Double-Stack (9/.40 GLOCK)	19856	39.99
Brown 5-Mag. Double-Stack (9/.40 GLOCK)	19857	39.99

# Slip 2000 Products

## 725 Gun Cleaner Degreaser

should truly be called Super Degreaser. This water-based cleaner will cut through the toughest cosmoline, carbon, grease and grime! Its super strength allows it to degum and degunk the dirtiest of gun parts when sprayed on or used in parts washers or solvent tanks! **NOTE:** To help prevent rusting, users must apply a gun lubricant immediately after cleaning to disperse any moisture in parts.

16 Oz. 19237 \$24.00



## Slip 2000 Carbon Killer

provides you with a safe, effective way to clean carbon, lead and plastic wad fouling. Unlike other gun cleaners, this product is non-flammable, non-hazardous and biodegradable. Designed for soaking metal parts with baked on carbon, Carbon Killer dissolves carbon and lead on contact. **NOTE:** Carbon Killer is for cleaning internal metal gun parts with baked on carbon by soaking them. It is an aggressive cleaner and should not be used to clean the outside of your gun. It can damage and even remove some finishes.

15 Oz. 19234 \$24.00



Slip 2000's **Extreme Cleaning System** contains 2 Oz. bottles of: Carbon Killer Bore Cleaner, 725 Gun Cleaner Degreaser, and EWL Extreme Weapons Lubricant.

11652 \$28.00



Slip 2000's **AR Cleaning System** contains a 7 Oz. bottle of Carbon Killer Bore Cleaner, a 15cc syringe of Extreme Weapons Grease, and a 1 Oz. bottle of EWL Extreme Weapons Lubricant.

11676 \$22.00

Slip 2000 **Extreme Weapons Lubricant** (EWL) was designed for use on chain guns and machine guns like the MP5 and the 249SAW. It contains a proprietary Anti-wear agent that reduces friction and wear by 90-95 percent. It is an excellent CLP and is able to clean, lubricate and protect.

4 Oz. 11644 \$21.00



Slip 2000 **EWL30** has the same properties as EWL, except it is a lot thicker. It contains a proprietary thickening agent that makes this lubricant consistency like a 30-weight motor oil. It was designed for those who want or need a lubricant that will not migrate at all and don't want to use a thick grease.

4 Oz. 11645 \$24.00



Slip 2000 **Copper Cutter** is specially formulated to remove copper, lead, powder residue and plastic wad fouling from bore surfaces with little scrubbing! **NOTE:** It is a water based, ammonia enhanced product and will remove all lubrication or oil protection, so always re-lube all parts cleaned.

4 Oz. 11646 \$14.00



Each Slip 2000 **Gun Wipe** packet contains one 5" x 8" wipe treated with Slip 2000 Synthetic Gun Lube. Perfect for wiping your guns down after a day on the range or while out on a hunt. Apply to all metal surfaces. Great for light carbon cleaning. Safe for all firearm stocks and grips.

20 Pack 11674 \$17.00



## MIL-COMM Extreme Performance Lubricants



**TW-25B** is the choice of leading firearms manufacturers, armorers, pro shooters and gun enthusiasts, and is recognized as the world's best all-purpose weapons lubricant/protectant. It is now widely specified by the U.S. military for their most critical performance weapons systems. Environmentally safe, non-carcinogenic, non-ozone-depleting.

0.5 Oz. Syringe  
1.5 Ounces

15732  
15731

\$14.99  
18.99



**Brian Enos' Far Superior Slide-Glide** is a dual grease blend, with proprietary extreme pressure compounds, which boost the ability of the oils in the grease to withstand extreme pressures. It gives the grease a very stringy, tenacious character that makes it stay where you put it. Slide-Glide Standard is for use in warm weather (F60°+), Lite is a thinner viscosity for lower temperatures (F30°+).

Slide-Glide Standard  
Slide-Glide Lite

15571  
15572

\$7.99  
7.99



## Sweet's 7.62

**Sweet's Australian 7.62 Solvent** easily removes powder residue and stubborn copper fouling. It's harmless to steel, a non-acid formula with five percent ammonia.

13128

\$12.99



# J. Dewey Manufacturing Co.



## DEWEY Nylon Coated Cleaning Rods

All Caliber Pistol 6"	15461	\$24.99
(.22-.26 Jag Adapter for All Caliber 6" rod <sup>^</sup> )	19894	3.99
(.27 & up Adapter for All Caliber 6" rod <sup>^</sup> )		19895
<b>3.99</b>		
.22-.26 Caliber Pistol 12"	12985	28.99
.17 Caliber Rifle 26"	11472	30.99
.17 Caliber Rifle 36"	11473	31.99
.22-.26 Caliber Rifle 36"	13084	31.99
.22-.26 Caliber Rifle 44"	15462	31.99
(.22-.26 Jag Adapter for Rifle rod <sup>^</sup> )	14542	3.99
.27 Caliber and up Pistol 12"	13021	28.99
.27 Caliber and up Rifle 36"	12991	31.99
.27 Caliber and up Rifle 44"	15463	31.99
.35 Caliber and up Rifle 36"	17096	33.99
.35 Caliber and up Rifle 44"	17097	33.99
(.27 & up Adapter for Rifle rod <sup>^</sup> )	14541	3.99
Shotgun Rod (Uncoated Brass <sup>^</sup> )	10473	30.99
2-pc Shotgun Rod	15464	36.99

## Brass Jags<sup>^</sup> (Note: These jags ONLY fit Dewey Cleaning Rods!)

.22 Caliber Brass Jag	10026	\$3.99
.24 Caliber Brass Jag	10027	3.99
.27 Caliber Brass Jag	10025	3.99
.30 Caliber (and up) Brass Jag	10867	3.99
.38 - .41 Cal. Brass Jag	10028	3.99
.44 - .45 Cal. Brass Jag	10243	3.99

## Brass Patch Loop<sup>^</sup>

Accepts most pistol and rifle patches	10737	\$2.99
---------------------------------------	-------	--------

## .17 Caliber Bore Brushes

.17 Caliber Rifle/Nylon (ea.)	11475	\$2.99
.17 Caliber Rifle/Bronze (ea.)	11474	2.99

## Nylon Bore Brushes<sup>^</sup>

.22 Caliber Rifle (ea.)	16144	\$2.99
.243 Caliber Rifle (ea.)	16145	2.99
.270 Caliber Rifle (ea.)	16146	2.99
.30 Caliber Rifle (ea.)	16147	2.99
.22 Caliber Pistol (ea.)	16302	2.99
.38 Caliber Pistol (ea.)	16148	2.99
.40 Caliber Pistol (ea.)	16149	2.99
.45 Caliber Pistol (ea.)	16150	2.99

## Bronze Bore Brushes<sup>^</sup>

.22 Caliber Rifle	16278	Each/\$2.99	5 pack/\$10.99
.25 Caliber Rifle	16293		22089
.243 Caliber Rifle	16280		22094
.270 Caliber Rifle	16274		22091
.30 Caliber-7.62mm Rifle	16273		22085
.35 Caliber Rifle	16281		22084
.44-.45 Caliber Rifle	16279		22092
.22 Caliber Pistol	16282		22090
.38 Caliber -9mm Pistol	16275		22093
.40-.41 Caliber -10mm Pistol	16276		22086
.44-.45 Caliber Pistol	16277		22087
			22088

## Cotton Mops<sup>^</sup>

.22-.27 Caliber (ea.)	17089	\$2.99
.30-.38 Caliber (ea.)	17090	2.99
.400-.450 Caliber (ea.)	17091	2.99
16, 12 & 10 Ga. Shotgun (ea.)	17094	2.99

## M-16/AR-15 Breech Rod Guide/Chamber Brush

Breech Rod Guide	10149	\$22.99
AR-15 Chamber Cleaning Brush	11299	3.99
AR-10 Chamber Cleaning Brush	11297	4.99

## Deluxe M-16/AR-15 Lug Recess Cleaning Kit<sup>^</sup>

Lug Recess Cleaning Kit	18533	\$32.99
-------------------------	-------	---------

*Includes: Chamber Cleaning Rod, Lug Recess Cleaning Head, Delrin Guide Sleeve, 50-pak Cotton Cleaning Rolls, Chamber Brush, Chamber Mop, and a Double-Ended Nylon Cleaning Brush.*

## Bolt Action Rifle Cleaning Rod Guides<sup>^</sup>

All models fit .695-.700 bolt diameter rifles.		
.17-.222, .225, .22/250, .220 Swift	14196	\$21.99
.243 Caliber - 7mm	14197	21.99
.30 Caliber	14198	21.99
.338 Caliber	14199	24.99

## Muzzle Guards

AR-15/M-16	16875	\$11.99
M1-A/M-14	16876	11.99
M1 Garand	16878	11.99
Ruger 10-22 Standard Bbl.	16877	11.99
Ruger 10-22 Bull Barrel	16879	11.99
Brass Muzzle Guard, .30 Cal. <sup>^</sup>	17245	6.99

## Nylon Gun Parts Cleaning Brush

Parts cleaning brush	16389	\$2.99
----------------------	-------	--------

## Cleaning Patches

<i>Packages of 1000</i>		
.17 cal.	11807	\$12.99
.22-.24	11808	14.99
<i>Packages of 500</i>		
.24-.27	11809	\$11.99
.30-.35	11810	13.99
<i>Packages of 250</i>		
.38-.45	11811	\$11.99
12-16 ga.	11812	13.99



**Dewey's AR-Link Cleaning Pin<sup>^</sup>** utilizes the rear take-down pin in your AR-15 style rifle to hold the upper and lower receivers open for cleaning. It fits AR-15s and AR-10s with take-down pins up to .316" in diameter.

18599 \$15.99



**The Original M1 Buddy<sup>®</sup> Service Rifle Cleaning Port** fits all models of M1 Garand and M1A rifles. The Original M1 Buddy is covered by a lifetime warranty and will be replaced free of charge if it fails under normal use.

13447 \$12.99



**The Original Carbine Buddy Cleaning Port** enables you to clean your M1 Carbine chamber without worrying about pinching your fingers. The Original Carbine Buddy is covered by a lifetime warranty and will be replaced free of charge if it fails under normal use.

13452 \$13.99



**Lyman's Pick & Brush Set<sup>^</sup>** is an indispensable item for your cleaning supplies and range bag.

40160 \$4.99

# Grace USA Gun Care Tool Set

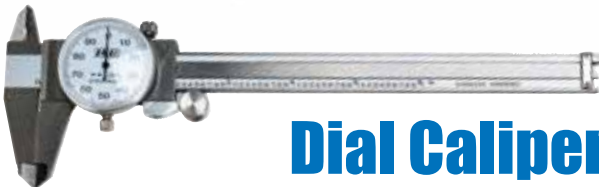


This custom designed 12" x 9" x 1-1/2" case is made from durable soft Nukaf and contains a 17-piece set of Grace USA Gun Care Screwdrivers (8 ea.), Solid Brass Pin Punches (8 ea.) and a specially fabricated 8 Oz. Brass Hammer. The screwdrivers are hand-assembled and custom hollow ground to fit scope screws, plug screws, guard screws, etc. The handles are turned from quality Maine hardwood and protected with a smooth finish. Made in USA.

Grace USA Gun Care Tool Set<sup>^</sup> **10680** **\$149.99**



Grace USA Gunsmith Hammer and Punch Sets<sup>^</sup>  
 8 oz. Brass Hammer **14969** **\$25.99**  
 16 oz. Brass Hammer **15069** **\$34.99**  
 Brass Punches (8-pc.) **14968** **\$43.99**  
 Steel Punches (7-pc.) **15070** **\$41.99**



## Dial Caliper<sup>^</sup>

This dial caliper is made of hardened stainless steel and features a covered track that keeps chips out for longer life. The measuring faces are hardened, ground and lapped. The large, adjustable dial is easily read to .001 inch and measures .100 per revolution. Features a no-glare satin chrome finish.

**13462** **\$29.99**



## Digital Caliper<sup>^</sup>

Accurate, Easy to Read!

**17171** **\$39.99**

Secure Firearms Products' **Universal Spring Tester** will help you determine if the recoil spring in your pistol needs replacing, and you'll save time and money by testing and organizing loose recoil springs in your shooting bag.

**15305** **\$44.99**



# 10-8 Performance Armorer Tool



The 10-8 Performance Armorer Tool is a simple, non-marring tool useful for applications where prying or poking with metal tools can easily damage your work. The rigid chisel-pointed end and semi-flexible flat blade end each have unique uses.

**15434** **\$9.99**

# Bondhus Hex Key Sets



Ball-end set **13286** **\$12.99**  
 Gorilla Grip Sm. **16822** **5.99**  
 Gorilla Grip Lg. **16823** **\$6.99**  
 Gorilla Grip Set **22142** **10.99**



# Sack-Ups Protective Gun Sacks

Sack-Ups Protective Gun Sacks protect your firearms from the dings and scratches that tend to happen when you're rifling through your gun safe looking for...well...your rifle. They don't take up as much room as a gun case, but provide just enough padding to keep your guns safe...in your gun safe.



Handgun, 13.5" Gray	17249	\$7.99
Handgun, 13.5" Black	17250	7.99
Handgun, 13.5" Natural	17252	7.99
Shotgun, 42" Black	17253	10.99
Rifle/Shotgun, 52" Gray	17247	8.99
Rifle/Shotgun, 52" Black	17248	10.99
Rifle/Shotgun, 52" Natural	17251	8.99
Muzzleloader, 72" Gray	17254	11.99
Shotgun Rcvr., 24" Gray	17257	8.99
Shotgun Bbl., 36" Gray	17256	8.99

## DESI PAK®

These 532 gram **DESI PAK®** desiccants absorb moisture better than silica gel. It's an industrial-grade material that exceeds the requirements of Mil Spec MIL-D-3464E. Now available in smaller packages for other applications (ammo cans, long-term storage containers, etc.).



DESI PAK® (2 16-ounce bags, 1 card)	21435	\$16.99
4-ounce bag	14694	4.99
2-ounce bag	14695	2.99
Humidity Indicator Card, (6 ea.)	21523	4.99

## HYSCORE Six-Gun Pistol Rack

The HYSKORE Six Gun Modular Pistol Rack is constructed from closed-cell, non-reactive foam that will not absorb moisture or react with lubricants or solvents. It has a soft, suede-like finish, but is rigid enough to offer firm support. The modular feature of the rack also means that two or more racks can be connected together and reconfigured to take maximum advantage of all available space in your safe or vault. The rack measures 11-1/4" wide x 7-1/2" deep x 6" high.



10208 \$19.99

## Specialized Dynamics Armors' Upper Receiver Block



The **Specialized Dynamics AR15/AR10 Armors' Upper Receiver Block** is made from billet aluminum and holds your upper receiver securely in order to make it easier to install barrels, free-float tubes, muzzle devices, etc. One block fits AR15s and ArmaLite and DPMS platform AR10s.

43234 \$59.99

## Specialized Dynamics Emergency AR(epair) Kit

The Specialized Dynamics AR-15 Emergency Repair Kit includes: three gas rings, extractor spring, firing pin retaining pin, buffer retaining pin/spring, hammer/trigger pin, take down detent and spring.



19460 \$19.99

## Arredondo Multi-Function Squib Rod



*Magazine Base Pad Tool/  
Scope Battery Cap Remover*

*Scope Windage  
Adjustment Tool*

This is a **MUST-HAVE** range-bag accessory. It's a squib rod (for removing stuck bullets), magazine base removal tool, and scope windage adjustment and battery cap removal tool.

15250 \$14.99

## Dillon 1911 Barrel Bushing Wrench^



11049 \$2.99

# "Big Fifty" <sup>^</sup>

## STANDARD FEATURES:

- Made in the USA
- 4-Station Interchangeable Toolhead
- Uses Std. 1-1/2" -12 UNF Thread Dies
- Manual Shellplate indexing
- Average Loading Rate: 300 Rds./Hr.
- Loads High Volume/Match-Grade Ammo
- Milspec/Match-Grade Priming System
- Ductile Iron/Carbon Steel Construction

All for ONLY...  
**\$1899<sup>00</sup>**  
**50000**

Now Available!

.408 CheyTac Conversion 50204 \$225.00  
 (Dies NOT Included)



Total price as pictured here with optional accessories: **\$3666.50**

.50 BMG Carbide Size Die	50075	\$1175.00
.50 BMG Case Trimmer	50050	\$575.00
BFR Mounting Hardware Kit	50140	\$17.50

### 50 BMG CASE TRIMMER ASSEMBLY <sup>^</sup>

Features an industry standard 1-1/2"-12 UNF threaded body, a 1/4 HP motor, replaceable carbide cutter, quick-disconnect cord and includes the .50 BMG trim die. **50050 \$575.00**

### 50 BMG CARBIDE SIZE DIE <sup>^</sup>

The only .50 BMG size die in the industry that's a full-length solid carbide size die, for increased die life and scratch resistance. It also has a solid carbide expander ball, placed in the middle of the power stroke for easier operation. The die body is standard 1-1/2"-12 UNF thread, and is manufactured to low chamber tolerance specifications. **50075 \$1175.00**

### 50 BMG POWDER MEASURE ADAPTER <sup>^</sup>

For use with the RCBS .50 BMG powder measure. **50125 \$135.00**

### 50 BMG PRIMER SEATING DIE <sup>^</sup>

One of these is included with Dillon's Big Fifty Reloader, but may be used as an accessory on a separate toolhead. The primer seating die is adjustable for enhanced control of primer seating. Includes two primer punches: one flat, match-style primer punch and one cupped, MIL-SPEC primer punch. **50200 \$240.00**

### 50 BMG PRIMER POCKET SWAGER <sup>^</sup>

Makes it easy to remove the military crimp. **50001 \$475.00**

### PRIMING CONVERSION <sup>^</sup>

Converts Swager to Priming System. **50003 \$125.00**

### 50 BMG PRIMING SYSTEM <sup>^</sup>

Allows off-the-machine primer seating. **50002 \$475.00**

### (1) SWAGER CONVERSION <sup>^</sup>

Converts Priming System to Swager. **50004 \$135.00**

### RCBS .50 BMG LOADING ACCESSORIES <sup>^</sup>

.50 BMG Powder Measure **21896 \$129.99**

# SL900 <sup>^</sup>

## STANDARD FEATURES:

- Made in the USA
- Automatic Indexing
- Auto Powder/Priming Systems
- Adjustable Case-Activated Shot System
- Factory Adjusted to Load AA Hulls
- Factory Adjusted Loading Dies
- The Original Tilt-Out Wad Guide
- Lifetime "No-B.S." Warranty
- RISK FREE 30-Day Trial Period!

All for ONLY...  
**\$1600<sup>00</sup>**  
**\$1960.00 with Casefeeder**



12 Gauge 97110 20 Gauge 97123 28 Gauge 97124  
 Comes with factory adjusted dies.

Total price as pictured here with optional accessories: **\$2012.00**

12 Gauge Casefeeder (pictured)	97037	\$360.00
20/28 Gauge Casefeeder	97036	\$360.00
Low Powder Sensor	16306	\$52.00

### SL 900 CONVERSIONS <sup>^</sup>

12 Gauge Conversion	20009	\$615.00
12 Gauge Casefeed Plate	17811	80.00
20 Gauge Conversion	22138	615.00
28 Gauge Conversion	22139	615.00
20/28 Gauge Casefeed Plate	97045	80.00
SL 900 Powder System	17817	120.00

### SL 900 MACHINE COVER <sup>^</sup>

This heavy-duty nylon cover comes equipped with a D-ring, allowing the zipper to be locked. **13239 \$39.99**  
 Master lock **13083 \$4.99**

### SPARE PARTS KIT <sup>^</sup>

1 20 Gauge Yellow Wad Guide	1 Pawl Spring
1 28 Gauge Green Wad Guide	1 Ejector Wire
1 20 Gauge Locator Pin	1 Plastic Wad Guide
1 Index Pawl	1 Swing Arm Torsion Spring
1 Ring Indexer	1 Primer Transfer Arm
1 Index Spring Revision A	1 12 Gauge Locator Pin
1 Hair Pin Cotter	1 Gum Rubber Insert Revision B
2 Bellcrank Cubes	1 Shot Fitting E-Clip
1 Case Insert Slide Spring	1 Failsafe Bushing Revision B
	<b>11154 \$75.00</b>



# DILLON RIFLE COMPANY



The OPAR Operator Trigger is a complete-assembly pre-stage drop-in trigger purpose built to provide improved trigger pull weight, reset, clean feel, precision, and safety for day-to-day users, military and law-enforcement members and agencies. The trigger's form enhances precision capabilities through its Area-of-Engagement design. This is accomplished by helping shooters build muscle memory for their trigger-finger placement in a simple and natural way.

It has a clean 5.0 to 5.5-pound trigger pull weight with a short trigger reset. The OPAR Operator's patent pending pre-stage trigger mechanism design has an inset secondary trigger providing an additional safety mechanism to reduce the chances of an accidental discharge. The OPAR Operator is compatible with AR-15 and HK416 rifles using the Mil-Spec 0.154-inch pins.

**Dillon Rifle Company**  
**AR-15 OPAR**  
**Operator Trigger, Curved**  
**#11312      \$265**

## Unscrew Yourself

Unscrew your sizing die to feel how smooth a Dillon runs with  
professionally processed brass

- Super Vel factory processed brass
- Roll sized *and* full-length resized
- Camdex commercial-grade processor
- Primer pockets swaged to SAAMI specs
- Ringers and Berdan pockets removed
- Air pressure verified: no case cracks
- Mixed headstamp, all guaranteed correct
- 9mm Luger, .45 ACP, .40 S&W
- In stock, ready to ship

[www.supervelammunition.com](http://www.supervelammunition.com)



# MAGPUL Magazines for GLOCK® Pistols

The PMAG® 15 GL9™, PMAG® 17 GL9™, PMAG® 21 GL9™ and PMAG® 27 GL9™ magazines hold 15, 17, 21 and 27 9mm Parabellum rounds respectively. *Note: Will not accept aftermarket floorplates designed for GLOCK® factory magazines.*

PMAG 15 GL9	20950	\$12.99
PMAG 17 GL9	43287	12.99
PMAG 21 GL9	43399	17.99
PMAG 27 GL9	12096	19.99



## Lone Wolf Distributors Parts for GLOCK® Firearms



### Lone Wolf Distributors' Parts:

Extended Mag Release (Large Frame)	19115	\$4.99
Extended Take-Down Lever	19114	9.99
3.5# Trigger Stop Connector	16501	14.99
3.5# Trigger Stop Connector for G42/43	10111	19.99
Extended Slide Stop	22299	15.99

### Wolff Spring Co. Parts for GLOCK firearms:

Competition Spring Set	11524	\$9.99
Trigger Return Spring 3-Pack	11818	7.99
X-Tra Power Trigger Rtn. Spr. 3-Pk.	15558	7.99
Guide Rod, GLOCK 17, 22, 31	11356	24.99
Guide Rod, GLOCK 19, 23	11435	24.99
Guide Rod, GLOCK 20, 21	11352	24.99
Recoil Spring, 12#	11420	7.99
Recoil Spring, 14#	11418	7.99
Recoil Spring, 15#	11419	7.99

## SPECIAL PURCHASE! Factory GLOCK® Magazines



GLOCK 17 9mm 17-Round Magazine	15491	\$29.99
GLOCK 19 9mm 15-Round Magazine	15489	29.99
GLOCK 44 .22 LR 10-Round Magazine	11280	29.99

## NEBO®

The NEBO® INSPECTOR RC<sup>▲</sup> is a powerful 360 lumen rechargeable, waterproof (IP67) penlight. The INSPECTOR RC features FLEX-POWER and is equipped with a removable steel clip, 4x zoom and 3 light modes (high, low, strobe) and Soft-Touch Technology, which provides momentary operation when the light is off, with the slight touch of the button.

- 3 LIGHT MODES (Rechargeable Battery)
  - High (360 lumens) – 1 hour/125 meters
  - Low (120 lumens) – 3 hours/70 meters
  - Strobe (360 lumens) – 25 minutes/125 meters

- 3 LIGHT MODES (AAA Batteries)
  - High (100 lumens) – 1 hour/90 meters
  - Low (30 lumens) – 4 hours/50 meters
  - Strobe (100 lumens) – 25 min./90 meters

13792 \$34.99



## UpLULA Pistol Magazine Loader



The UpLULA® loader is a military-grade, pocket-size, universal pistol magazine loader and unloader designed to load and unload virtually all\* 9mm Luger up to .45 ACP single and double stack magazines of all manufacturers. It also loads most .380 ACP single and double-stack mags, and 1911 mags. The UpLULA® loader self-adjusts to the magazine and loads it easily, painlessly, and reliably! Loads the following mags: Astra, Auto Ordnance, Barak, Beretta, Browning, Bul, Colt, CZ, EAA, FN, Glock, HK, Hi-Point, High Standard, Jericho, Kahr, Kel-Tec, Kimber, Les Baer, Llama, Luger, Magnum Research, Para Ordnance, Phoenix Arms, Ruger, Sigma, Sig/Sauer, S&W, Springfield Armory, Star, Steyr, Taurus, Vector, Walther, and more.

19239 \$34.99

## The Original GLOCK® Field Knife



Field Knife, Glock, with scabbard, 1 ea.

15483 \$35.99



## Justified Defensive Concepts, LLC Multi-Use Training Target

Shooters who compete in several disciplines can now use one target to practice USPSA, IDPA and ICORE or train with various dot-torture and bullseye arrays. The National Target Company, Inc. is offering the Justified Defensive Concepts, LLC Multi-Use Training Target. Sized 22.5" x 35" on lightweight paper, this target's versatility is almost unparalleled for handgun, pistol-caliber carbine and rifle training or practice. It comes in a package of 50 targets and just might be the ONLY target you'll need for your shooting session.

11713 \$19.99



## Schuster Mfg. Inc. Adjustable M1/M1A Gas Plugs

All Schuster Mfg. Inc. Adjustable gas plugs are made in the U.S.A. from hardened tool steel, Parkerized and feature a lifetime factory warranty. By adjusting the volume of gas, you change the speed of the op rod and the barrel harmonics. If you're working up your own handloads, a quarter of a turn WILL affect your group size. Includes instructions and the adjustment tool (Allen wrench).

M1A (Pictured)	15405	\$65.00
SOCOM M1A	15409	65.00
M1 Garand	15408	45.00



## M-14 Bolt Roller Greaser

So THAT's how you grease that little S.O.B. (Slick-Operating Bolt, that is.)

M-14/M1A Bolt Roller Greaser  
18531 \$9.99



## Gunslinger Spring Kits

From Lee Fisher, one of the premier "cowboy gunsmiths."

Colt & clones	20510	\$26.99
Ruger Blackhawk/Vaquero	20511	24.99

## The National Target Company, Inc.



### Pistol Targets: 100 per package

NRA Paper D-1 "Tombstone" Target 23"x35"	18388	\$46.99
IDPA Paper Practice Target 22"x34"	15735	39.99
USPSA/IPSC Paper Practice Target 22"x35"	15836	39.99
50 Foot TIMED/RAPID FIRE 10.5"x12"	15832	12.99
Competition 50 Foot SLOW FIRE 10.5"x12"	15831	12.99
Competition 25 Yard SLOW FIRE 10.5"x12"	13096	12.99
High Visibility Green 25 Yard SLOW FIRE 10.5"x12"	66703	13.99
Police B-34 (Silhouette) 25 Yard 14"x24"	13163	17.99
B-34 High Visibility Green 25 Yard 14"x24"	66704	20.99
Police BH-21 (Silhouette) 25 Yd. 22.5"x35"	10094	39.99
Competition 25 Yard RAPID FIRE 21"x24"	12839	25.99
Competition 50 Yard SLOW FIRE 21"x24"	10041	25.99
Police B-27 (Silhouette) 50 Yard 22.5"x35"	10670	39.99

### Rifle Targets: 100 per package

Small Bore Rifle 100 Yard 14"x14"	12430	\$11.99
High Power 200 Yd. 21"x24" (600 Yd. reduced)	12650	47.99
ST-4 100 Yd. Precision Rifle Target 15"x17"	13679	16.99

### Replacement Center 100 per package

Pistol 25 Yard B8P Repair Center 10.5"x10.5"	12676	\$7.99
200 Yard Rifle Repair Center 12.75"x12.75"	15830	20.99

### See Hit Targets 12 per package

SH-B8CRC Pistol 25 Yard Repair Center 10"x10"	16328	\$8.99
---	-------	--------

### Target Pasters

Black, Self-Adhesive, 500 ea.	16304	\$3.99
Buff, Self-Adhesive, 500 ea.	16309	3.99
Brown, Self-Adhesive, 500 ea.	16310	3.99
White, Self-Adhesive, 500 ea.	16313	3.99
Orange, Self-Adhesive, 500 ea.	16327	3.99

## PROTEKTOR MODEL

A.



B.



C.



All Protektor Model leather bags are made with the best top grain cowhide available.

A. Owl Ear Front Bag	10880	\$23.99
B. Standard Front Bag	10881	30.99
C. Rear Bag	10882	33.99

During times of ammo/component shortage, having a good gun chambered for .45 ACP, like this Rock River Arms Limited Match Pistol, is highly desirable.



# .45 ACP: THE HANDLOADER'S CARTRIDGE

By Duane Thomas

It is a sad truth – but a sad truth is a truth nonetheless – .45 ACP is not nearly as popular a cartridge today as it used to be. But this is a great cartridge, with many positive qualities. Specifically, to the topic of this article, it has traits making it excellent for handloaders.

Certain cartridges – 9mm Parabellum, for instance – can be an absolute nightmare to work up an accurate load. In .45 ACP, you go into your load manual, pick the bullet weight and bullet style you want to load, pick a powder, pick a powder charge, put it all together at the loading machine, go to the range, sit down at the bench, boom! inch group. It really is that simple. Granted a good gun, good components, and a reasonably decent level of handloading skill to start with, natch. Not saying you don't need to know what you're doing to handload .45 ACP – you do – but this cartridge has a far shallower-than-average learning curve before you can begin cranking out good ammo.

The web of the cartridge case, i.e., the area right above the extractor groove, where the thin case wall widens out toward the bottom of the case's interior, rides right over the feed ramp when an autopistol fires. Thus, that area of the case is unsupported, it's not surrounded and

reinforced by the steel chamber, the only thing containing gas pressure at this point is the case itself. In .45 ACP, the web is actually fairly thin.

.45 ACP does not, in the overall scheme of things, have a particularly strong cartridge case. But it doesn't need to. This is a low-pressure cartridge. SAAMI maximum chamber pressure for standard-pressure .45 ACP is 21,000 psi. By contrast, SAAMI maximum chamber pressure for standard-pressure 9mm Parabellum specs out at 35,000 psi.

When we fire a cartridge, its case is heated to a high temperature, at the same time it expands to the dimensions of the chamber, then the material rebounds, not back to its original dimensions, it's still been expanded, but smaller than it was at full expansion. Part of handloading is sizing the case back down to approximate its original dimensions. So, during firing over multiples reps of handloading over time, the cartridge case's life goes like this: fire, heat/expand, size back down through handloading; fire, heat/expand, size back down through handloading.... And so on. Eventually the case becomes so embrittled through repeated applications of high temperature, and being worked during expansion and resizing, that it splits at the case mouth while seating a bullet during handloading.



This is not a tragedy, by the way. As a general rule, if we don't catch the split case, we'll eventually discover it when the gun fails to fire; because the split casing causes the round to be oversized, it won't fully seat into the chamber. So, you're going along, *bang-bang-bang*, suddenly the gun stops working, you look and see the slide hasn't gone fully into battery. Every handloader should own a case gage for any cartridge they regularly handload, and one huge reason is it makes detecting split cases easy. As you attempt to fully seat a cartridge with a split case into a case gage, not only will it not fit into place, which you can feel and see, you can also *hear* it. A cartridge with a split case, as it's inserted into a case gage, sounds – and feels, for that matter – “crunchy.” This is hard to describe to someone who's never experienced it, but once you do, you'll never mistake it for anything else.

Because .45 ACP is such a low-pressure cartridge, brass doesn't get worked nearly as hard as it does in higher-pressure cartridges. Brass life, i.e., how many times you can reload a case before it splits, in .45 ACP is notably long.

These days, when I fire a .45 on the range, I'm generally the only person there shooting a .45. When I'm on a public range, and I look at the cases lying on the range floor, rarely do I see .45 ACP brass other than my own; the overwhelming majority of stuff is 9mm. At matches, I am also frequently the only guy shooting a .45. Thus, it is a big deal to me to recover every single .45 case I've shot. I can no longer just scarf free brass at the range, or even matches, like I once could; I have to recover what I've shot. A day when I don't recover all my .45 cases is like a day without sunshine. Damn, now I understand how those .38 Super guys feel.

The good news here is, because .45 ACP cases are so much larger than 9mm cases, when they're lying there on the floor, or the ground, mixed in with, predominately, 9mm, they stand out like a sore thumb, so picking out which cases are mine is easy.

.45 ACP was, for decades, a very popular cartridge in America, thus there is a huge amount of load data available for it. Just check out a load manual, or online data. Among pistol cartridges, the section on .45 ACP will be larger than just about anything else.

With certain cartridges, internal case capacity is so small that powder charges mostly fill the case. Depending on the powder charge, and the powder type, of course, how bulky it is, you might need to be careful on how fast you manipulate the loading machine handle. If you build up too much centrifugal force as the shellplate turns, you can actually cause powder to be flung out of the case and onto, and into, the machine. With .45 ACP, by contrast, cases are large; powder charges are, compared to case volume, small. Therefore, worrying about powder exiting the case from centrifugal force due to overly enthusiastic handle manipulation is a non-issue.

9mm Parabellum is the only popular pistol cartridge featuring a tapered case, i.e., the case is significantly wider at its base than at the case mouth. Therefore, it can take a fair amount of pressure on the handle to resize 9mm. By contrast, .45 ACP is a straight-walled case. Well, if we wanted to get excruciatingly pedantic about it, the .45 ACP case is very slightly wider at the base than the mouth, but for all practical purposes it's a straight-walled case. Therefore, it requires much less force to resize .45 than 9mm. Obviously, with any cartridge, case lube can make operating the handle more easily accomplished, since with lube it takes less pressure to resize the cases.

A term coined by high-volume handloaders has been “Dillon elbow,” referring to the fact that, during a long loading session, some people find their elbow begins to ache. Especially if they're handloading 9mm Parabellum, also especially if they're doing it without case lube. The way my body works, it doesn't hit me in the elbow, it hits me in the wrist. So, I don't get “Dillon elbow,” I get “Dillon wrist.” In my opinion, case lube is non-negotiably necessary when handloading 9mm. But .45 ACP resizes, comparatively, so easily, I handload .45 ACP without case lube, on a regular basis, with no issues.

This next bit is, admittedly, subjective, but I find .45 ACP a fun cartridge to handload. I'm referring to the actual, physical process of handloading. I handload 9mm because it makes shooting as much as I do more affordable. And let's not kid ourselves, that factors into handloading .45 ACP as well. But the bottom line is I *enjoy* handloading .45 ACP in a way I don't other cartridges.

My favorite Dillon reloading machine is the Square Deal. Always has been, probably always will be. One thing a lot of people don't like about the Square Deal it can't take a case feeder like some of the larger Dillon machines, you have to insert cases into the machine by hand. But that's one of the reasons I love it. Handling those large, heavy cartridges cases as I slide them into the machine; picking up and laying on top of the case mouth those big, heavy bullets; how easily the handle strokes; how smoothly the machine operates...I just find it all very relaxing, very pleasant, almost like meditation.

We seem to be caught in a cycle where, every four years, 9mm Parabellum ammo becomes less available, and more expensive, and reloading components, especially small pistol primers, can be made of pure Unobtainium. As noted earlier, .45 ACP is not nearly as popular a cartridge as it used to be. The good thing about that, however, is that even during Ammogeddon we can still find .45 ACP bullets and large pistol primers. Which is another great trait for the .45 ACP. During times of ammo/primer famine, we could do a lot worse than to have a good .45 ACP in our battery, and a loading machine set up for this superb cartridge.

**For more Duane Thomas articles, you can go to**  
**[Patreon.com/DuaneThomas](https://Patreon.com/DuaneThomas).**



## CED Edge Dual PCC Rifle Case

The CED Dual Rifle case gives you two in one! Two rifles and three modes of carry, all in one great PCC rifle case. Excellent protection for your expensive competition PCC and AR rifles, this case includes storage for two pistols and lots of magazines as well.

Comes with a handle, shoulder strap, and

backpack-style shoulder straps, which tuck away when not in use or can be removed if not needed.

The MOLLE PALS system across the front of the case, allows the user to add optional accessory cases to the rifle case itself.

The case measures 35.43" x 11.81" inside the main compartment.

10977 \$99.99



**NEW!**

## CED PCC Mag Storage Pouch

The perfect companion for your range bag, rifle case or backpack! Holds up to six extended PCC straight magazines of up to 42 rounds and can accept magazine lengths up to 10 inches.

Measurements are: 12.75" Wide x 11.5" High closed (open approximately 12.75" x 19.0"). The pouch pocket length is 6.25."

10978 \$15.99



**NEW!**

## CED PCC Rifle Sleeve



**NEW!**

The CED PCC Rifle Sleeve is the ideal companion for competition stage use. It's a lightweight, water-resistant neoprene zippered sleeve that folds up easily to fit into a range bag or backpack. Perfect for covering and protecting your PCC rifle when carried in a trolley or wagon at the range. Weighs only 8 ounces and measures 33" inside.

10979 \$19.99

## NGEN CARBIDE Die Sets for Handgun Cartridges

*"The first significant breakthrough in carbide dies in over 40 years"*

# REDDING

**USA**



*Still Proudly Made in America*

1089 Starr Road, Cortland, NY 13045 • (607) 753-3331 Fax (607) 756-8445 • [www.redding-reloading.com](http://www.redding-reloading.com)



# LIGHT

## Up Your Life

(start with your shellplate)

An LED light kit for your 550/650/750 reloading machine that simply plugs into the center of the toolhead. The power supply adapts to multiple international voltages and functions with or without an optional switch.

Dillon's LED Light Kit  
**62013 \$65.00**  
 LED Light Kit with Switch  
**62014 \$75.00**  
 Optional Switch  
**62012 \$12.99**



# 2022

## Dillon Precision Calendar

12346  
 \$14.99



Eric Grauffel  
 wearing  
 Dillon's  
 TechwearUSA  
 AirFlex  
 Shooting  
 Jersey.

## Dillon Teams Up With TechwearUSA

In response to everyone who has been asking us for Dillon Precision shooting jerseys, we've teamed up with **TechwearUSA** – Your Official Provider of Custom USPSA Gear!

The TechwearUSA AirFlex (\$70) is the ultimate performance layer and their lightest weight jersey. The TechwearUSA Premier Polo (\$95) is made of proprietary Techstatic fabric and is the ultimate competition polo. From its classic cut, added length to make sure it stays tucked in, fold-over collar, zipper front and side panels made from extra breathable mesh, every detail of this garment has been thought through to help you look, feel and perform at your best.



To order TechwearUSA's Dillon Precision men's and women's shooting jerseys, go to [techwearusa.com](http://techwearusa.com). By the way, the "USA" in TechwearUSA signifies that their apparel is MADE HERE!

# HELLCAT<sup>®</sup> PRO



## THE PERFECT BALANCE



Combining the performance of a larger handgun with class-leading concealability and capacity, the new Hellcat<sup>®</sup> Pro is a compact pistol chambered in 9mm that offers 15+1 capacity in a smaller footprint than any other gun in its class. Optics ready and equipped with a versatile accessory rail and hammer forged barrel, this exceptional everyday carry pistol delivers the perfect balance.

**SPRINGFIELD ARMORY**

**SPRINGFIELD-ARMORY.COM**



# C-More Systems



RTS2R



Railway

Built for speed, these High Performance red dot sights will take your shooting ability to the next level. By using a single red dot as an aiming point, target acquisition is as simple as point and shoot. The unique Heads-Up-Display (HUD) design provides an unlimited field of view, while eliminating obstruction and tunnel vision common to tube-style scopes.

## C-More Systems RTS2R

6 MOA Black	14518	\$419.99
8 MOA Black	14563	419.99

## C-More Systems Railway Sight

Polymer 8 MOA Black	16413	\$279.99
Aluminum 8 MOA Black	14611	329.99

## C-More Systems Replacement Modules for Railway/Scout Sights

2 MOA Dot Module, Polymer	14620	\$49.99
2 MOA Dot Module, Aluminum	14643	49.99
4 MOA Dot Module, Polymer	16415	49.99
4 MOA Dot Module, Aluminum	14691	49.99
6 MOA Dot Module, Polymer	16416	49.99
6 MOA Dot Module, Aluminum	14696	49.99
8 MOA Dot Module, Polymer	14717	49.99
8 MOA Dot Module, Aluminum	14720	49.99
Railway/Scout/Tactical Battery	17034	5.00
CR2032 Lithium STS/RTS Battery	14721	5.00

## Duracell 123 Batteries

3 Volt (Each)	16993	\$6.99
---------------	-------	--------

# Evolution Gun Works Picatinny Rail Scope Mounts



## Available in Standard Elevation or Plus-20 Minutes of Angle

Remington Model 700 Short Action	19975	\$39.99
Rem. Model 700 Short Action + 20 MOA	19976	39.99
Remington Model 700 Long Action	19977	39.99
Rem. Model 700 Long Action + 20 MOA	19978	39.99
Ruger 10/22 + 20 MOA	19987	39.99
Savage Short Action RB	19979	39.99
Savage Short Action RB + 20 MOA	19980	39.99
Savage Long Action RB	19981	39.99
Savage Long Action RB + 20 MOA	19982	39.99
S&W Revolver Picatinny Rail	11276	34.99
Winchester Model 70 STD	19983	39.99
Winchester Model 70 STD + 20 MOA	19984	39.99
Winchester Model 70 Short Action	19985	39.99
Win. Model 70 Short Action + 20 MOA	19986	39.99

# Scout Scope Mounts



Sorry, the optic pictured here is NOT included with the Scout Scope Mount.

Scout Scope Mounts provide an extremely stable optics base for your AK, Saiga or SKS rifle and will not shift, vibrate loose or change point of impact as the rifle heats up. Rock solid and easy to install, the two-piece design enables the removal and replacement of your optics without losing zero.

Scout Scope Mounts easily allow for complete DISASSEMBLY of your rifle for cleaning and maintenance while retaining zero. These rifles are designed so that carbon build-up can easily be cleaned from the gas tube and piston. This is routine maintenance, necessary in order to maintain a properly functioning rifle. Other mounts for AK-and SKS-style rifles make this difficult, time consuming and then require that optics be re-zeroed.

Scout Scope Mount for AK Rifle	25374	\$79.99
Scout Scope Mount for SKS Rifle	25373	78.99

# HOGUE

## Monogrips \$29.99



**S&W K, L, N, X, Z Frame Round Butt Rubber Tamer Conversion Monogrip.** An extra layer of padding helps absorb recoil and adds trigger reach for those with larger hands or long fingers.

**10181 \$34.99**

### Square Butt Monogrips

Colt Python **12138**

K, L-Fr. Square Butt **12786**

N-Fr. Square Butt **12145**

N-Fr. Round Butt **18100**

### Round Butt Monogrips

Ruger SP-101 **14833**

S&W J-Fr. Round Butt **12277**

K, L-Fr. Round Butt **12549**

## "BIG Butt" Grips \$79.99



**Jerry Miculek Competition Grips  
\$104.99**



N-Fr. Round Butt **11324**  
N-Fr. Square Butt **11325**  
K, L-Fr. Round Butt **11327**  
K, L-Fr. Square Butt **11326**

### BIG Butt Grips

S&W N-Fr. Rd. Butt **12141**

K, L-Fr. Rd. Butt **12140**

# BERRY'S



Like pretty much everything from Berry's Manufacturing, this 9" x 12" x 10" deep stackable utility box is made in America and covered by a lifetime warranty. The box is designed to stack and is great for storing bulky items. If your gun room/garage looks anything like ours, these will help you get organized. So, whether you're looking to store shooting accessories, ammo components, or car parts (we have more than our share of all of the above) these boxes are ideal. The best part is that they're transparent, so when you fill them, you don't have to open the WHOLE stack to find what you're looking for.

**Stackable Utility Box 40194 \$20.99**

# BERRY'S

## Tri-Can Triple Ammo Can

The Tri-Can will change your life! The perfect organizational tool to fit any of your needs.

The tough injection molded plastic base and lid, rubber seal gasket, and cam-lock latch keeps your contents safe.

Comes with a strong handle for those who are on the go!

The Tri-Can is made up of three individual cans and can be customized with up to three individual cells.

The individual can dimensions are 9.25" L x 3.125" Base W x 3.125" Top W x 2.5" H

**Tan 37998 \$27.99**  
**Black 37999 27.99**



Berry's Pistol Cases are as tough as they look. Available in a desert tan color, they're injection molded out of high-impact polypropylene and contain high-density crate foam to provide a soft, protected bed for your firearm investment. They're TSA approved when appropriate locks are added. Available as a single-pistol or double-pistol case, they carry a lifetime warranty and are made in the USA.

Single-Pistol Case **40192 \$14.99**  
Double-Pistol Case **40193 19.99**



## Individual First Aid Kits From The Tactical Medic



Nobody likes to think about it, but should a serious hunting/shooting accident occur, chances are the drugstore "first aid kit" you have stashed under the seat of your truck won't do much good. That's why we're offering individual first aid kits from The Tactical Medic. The Econo-IFAK contains a 4" Emergency Bandage, a TK-4 Combat Tourniquet, 1 Package of Rolled Gauze, 1 Roll of Medic's Tape and 1 Pair of Nitrile Gloves. The Micro Kit #2 contains a 4" Pressure Bandage, 1 Package of Quick Clot Gauze, a TK-4 Combat Tourniquet, 1 Roll of Medic's Tape and 1 Pair of Nitrile Gloves.

Econo-IFAK (at right in photo)	<b>43379</b>	<b>\$24.99</b>
Micro Kit #2 (at left in photo)	<b>43378</b>	<b>39.99</b>

**D•WIPE Towels** were specially designed for immediate clean up of most contaminants without water. The soft 5.5"x 8" towels are saturated with a unique cleansing formula and aloe vera, and will remove heavy metals from skin and other surfaces.

40 Soft Towels	<b>19916</b>	<b>\$6.99</b>
----------------	--------------	---------------



**Original D•LEAD Hand Soap** quickly cleans heavy metals as well as paint dust and firing range residue from the skin and fingernails. Removes lead, nickel, cadmium, arsenic, mercury, silver, zinc and most other heavy metals.

8 Oz. Bottle	<b>19915</b>	<b>\$5.99</b>
--------------	--------------	---------------

## Traveler's Guide

...to the **Firearm Laws of the Fifty States** – The myriad of firearm laws facing the gun owner of the early 21st Century can be intimidating when traveling.

<b>30201</b>	<b>\$15.99</b>
--------------	----------------



6" x 11" Dillon Logo Sticker	<b>96668</b>	<b>\$2.50</b>
6" x 2.5" Dillon Logo Sticker	<b>96666</b>	<b>4.00</b>

# READYWISE

## Emergency Food Supply Kits

**Readywise 72-Hour Emergency Food Supply** includes 12 servings of lunch/dinner entrees, 8 servings of breakfast entrees, and 12 servings of milk. **Product within this box is:** 1 pouch of Cheesy Macaroni (4 total servings), 1 pouch of Teriyaki Rice (4 total servings), 1 pouch of Hearty Tortilla Soup (4 total servings), 2 pouches of Crunchy Granola (8 Servings), 1 pouch of Whey Milk (12 servings).



<b>\$49.99</b>
<b>27069</b>

**Readywise 60 Serving Gourmet Freeze Dried Meat "Grab & Go" Food Kit** includes 60 servings of assorted gourmet-seasoned freeze dried meat and a 20-serving bonus of long-term emergency rice, for a total of 80 servings. **Product within this Bucket is:** Roasted Chicken (12 servings), Teriyaki Style Chicken (8 servings), Cheesy Beef (8 servings), Southwest Style Chicken (12 servings), Savory Roasted Ground Beef (12 servings), Stroganoff Style Beef (8 servings), and Long-Term Instant Rice (20 servings).



<b>\$279.99</b>
<b>15299</b>

**Readywise 120 Serving Freeze Dried Vegetable "Grab & Go" Food Kit** includes 120 servings of vegetables. **Product within this Bucket is:** Corn (32 servings), Peas (24 servings), Broccoli (32 servings), and Green Beans (32 servings).



<b>\$164.99</b>
<b>15302</b>

**Readywise 60 Serving Gourmet Entrée Only "Grab and Go" Food Kit** includes two servings per day (entrées only) for one adult for one month or four adults for one week. **Product within this Bucket is:** Savory Stroganoff (8 servings), Chili Macaroni (8 servings), Pasta Alfredo (8 servings), Creamy Pasta and Vegetable Rotini (8 servings), Cheesy Lasagna (4 servings), Teriyaki and Rice (8 servings), Creamy Ala King and Rice (8 servings), and Creamy Tomato Basil Soup (8 servings).



<b>\$164.99</b>
<b>15297</b>

**Readywise 120 Serving Freeze Dried Fruit and Snack "Grab & Go" Food Kit** includes 120 servings of fruit and snack assortment. **Product within this Bucket is:** Bananas (32 servings), Strawberries (16 servings), Peaches (16 servings), and Apples (40 servings).



<b>\$179.99</b>
<b>15300</b>

**WARNING:** The products offered for sale in this catalog can expose you to chemicals, including Lead, which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# John Marshall on Classic Firearms: The Colt-Browning Model 1895 Machine Gun



United States military history confirms that the first machine gun used by our armed forces in combat was the Colt Model 1895, another notable invention of the legendary John Moses Browning. Browning had noticed that grass was forcibly blown back by the muzzle blast of a rifle shot and reasoned that he could harness that power to operate the action of gun. He first concocted such a mechanism to operate a lever-action rifle, and that application finally morphed into a similar arrangement to power a machine gun.

Browning invented his machine gun in 1892 and immediately offered it to Colt for production. It finally came to full fruition as the Model 1895. As the gun was fired, gas was powerfully expelled from a port just in back of the muzzle. That knocked a hinged swinging metal arm down and back in a 160-degree arc. This arm was connected to the tilt-locking bolt with its camming mechanism. The bolt was unlocked, forced back, and a spring located in a tube to the rear of the trigger returned it to its forward position where it cammed, tilted down, locked into the receiver floor and fired. A suitable trigger mechanism was applied, and the device became an ingenious machine gun. The immediately noticeable characteristic was the swinging arm underneath the barrel. If the gun was mounted on a tripod and the soil was too soft, the gun and its tripod sometimes got pressed pretty close to the ground. When this happened, the swinging arm naturally chewed up some real estate. The nickname given the

gun because of this was “the potato digger” and it stuck.

The typical specifications for the gun were as follows: Its weight was 40 pounds (gun only). The tripod with its attached seat weighed 28 pounds. The under-gun mount weighed 28.5 pounds. Its overall length was 40.75 inches. The rate of fire was approximately 400 rounds per minute. Maximum range depending on caliber was up to 3,000 yards. It was fed from the left side by a canvas belt.

Almost any rifle caliber could be adapted to this gun. A couple of them chambered for the 7mm Mauser were pulled from being export-bound at Colt and privately bought by family members of American soldiers. These were donated to the 1st U.S. Volunteer Cavalry, more often referred to as the Rough Riders. They were then training in San Antonio Texas, where they preparing to depart to Cuba to fight in the Spanish-American War. An old photo shows a number of them posing with their two machine guns before leaving. The Model 1895 was air-cooled and had a fairly heavy smooth straight-profile barrel to help prevent ammo “cook offs” which could occur with overheated barrels and closed-bolt operation. The Rough Rider’s guns had this type of barrel, while later barrels incorporated annular cooling fins to help radiate heat. Ammunition was not difficult to obtain in Cuba, as the 7mm Mauser cartridge was plentiful. It was used in the bolt-action Model 1893 Mausers that were the Spanish-issue rifles.

The Model 1895 was employed by U.S. Marines during



Spanish-American War, notably during the 1898 invasion of Guantanamo Bay. In that fracas, a Marine battalion used four Colt guns, including a couple stripped from the USS Texas. These guns, chambered for the 6mm Lee Navy cartridge, represented the first known use of machine guns by the U.S. to provide support in an infantry assault. Army troops at that time were still using hand-operated Gatling guns. These were usually mounted on artillery carriages pulled by mules. In contrast, the Model 1895 machine guns could be deployed more readily because of their lesser weight. They were used on the charge up Kettle Hill in the San Juan heights. Lt. Col. Theodore Roosevelt claimed that they were more delicate than the Gatlings and that they were not that reliable. However, it should be noted that most stoppages on these guns could be cured rapidly and easily by jacking the action manually. Those two Rough Rider M1895 guns were then given to Lt. John Parker's Gatling Gun Detachment, and they were later used in the siege of *Santiago de Cuba*.

The M1895 was employed by American Naval and Marine forces in the Philippine Insurrection and the Boxer Rebellion. These were chambered for the 6mm Lee Navy cartridge and they proved to be accurate and reliable at that time. About

1904, 150 of these guns in 7mm Mauser chambering were bought by the Mexican government. They were used throughout the Mexican Revolution. The U.S. Navy employed some detached-from-ships 6mm Lee Navy M1895s in the 1914 Vera Cruz occupation and fighting.

Also in 1904, M1895s were used in South America by the Uruguayan Army late in that country's civil war. Canadian mounted troops used .303 caliber M1895s in the Second Boer War (1899-1902). One of the Royal Canadian Dragoon soldiers used one from a galloping carriage to stop a mounted Boer charge, earning a Victoria Cross. The successful use of these Canadian guns pre-saged their further use by Canada in World War I.

While never adopted formally by the United States, the

M1895 was nonetheless used by U.S. state militia and guard soldiers. Some of these in the Colorado National Guard were purloined by private militias organized by mine company guards after National Guard units assigned to maintain order during a miner's strike were defunded. In April 1914, one of these machine guns was fired into a miner camp in Ludlow Colorado, resulting in what was called the "Ludlow Massacre." An armored car of the Baldwin-Felts Detective agency also used one to terrorize miners' camps during the strike.

During WWI, .303 caliber Model 1895/14 machine guns were employed by a number of Canadian infantry outfits and saw considerable combat use. However, they were soon superseded by Vickers water-cooled machine guns which provided better sustained firepower. The Canadian guns were then donated to units of the Belgian

Exile Army. The French tested the M1895s and some were used initially in aircraft. Large numbers of 7.62x54mmR M1895 machine guns were shipped to Russia, where they were used prolifically.

By the time the U.S. entered WWI in 1917, the M1895s had become obsolete, replaced by M1917 water-cooled Browning-designed heavy machine guns.

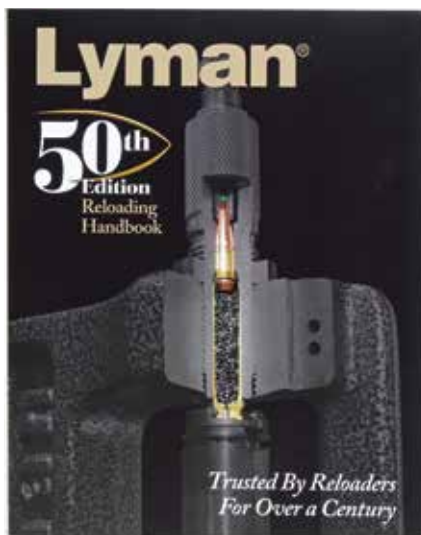


John Browning posing with his Model 1895 machine gun.

No M1895s were ever directly used by the U.S. during that war. Colt sold the machinery and manufacturing rights to Marlin-Rockwell in 1916. M-R took over existing Russian and Italian contracts, and Colt focused on Vickers machine gun production. As late as 1920, Polish soldiers were using M1895/14s in the Battle of Warsaw, and M1895s were mainstays in the Russian revolution.

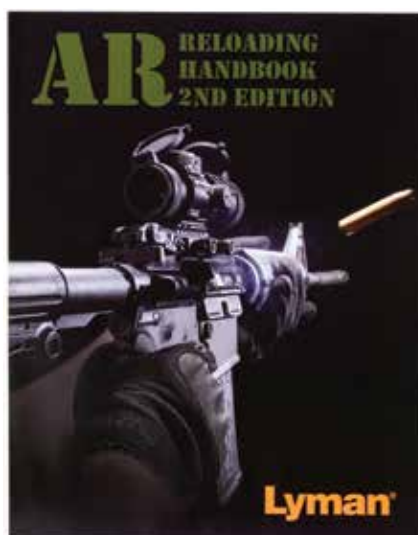
Eventually these landmark machine guns were mostly scrapped in favor of more modern designs, but they occupy a place in history for their pioneering creation and employment. You may see them occasionally in museums or private collections, but they are seldom encountered today. They have an interesting history and are classics in every sense of the word.

# Lyman Reloading Manuals



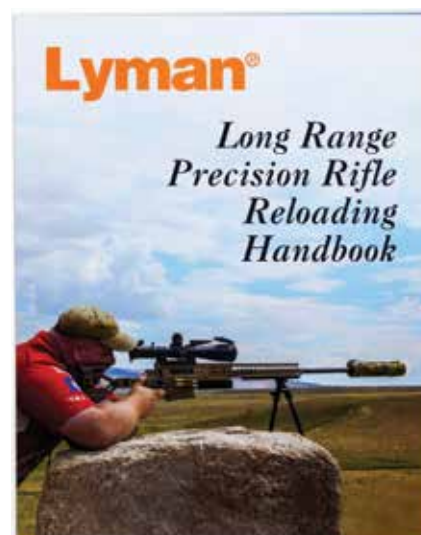
**Lyman 50th Edition Reloading Handbook**  
– Featuring More Loads, the Newest Components, Most Manufacturers, and More Load Data than Ever!

10330 \$32.99



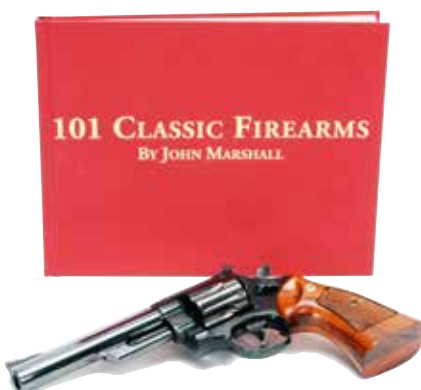
**Lyman's AR Reloading Handbook** – Featuring loads for your AR chambered in popular cartridges from the .204 Ruger to the .50 Beowulf.

10976 \$17.99



**Lyman Long Range Precision Rifle Reloading Handbook** – Specific data for precision long range cartridges.

10207 \$17.99



John Marshall's book **101 Classic Firearms: A Chronological Foray into the Golden Years of Firearms Development**, is a compilation of the author's popular articles appearing in *The Blue Press* since 2007. **101 Classic Firearms** is sure to be a prized addition to the library of any serious firearms enthusiast. Published by Dillon Precision, and printed and bound in the USA, **101 Classic Firearms** is a high-quality full color 11.5" x 9" hardcover with 224 pages packed full of insights and history on some of the world's most important firearms. John Marshall is an accomplished photographer and freelance writer whose articles have appeared in *The Blue Press*, *Gun Digest*, *Guns & Ammo's Handguns*, and *American Gunsmith*. An expert on firearms, he is also a member of the Remington Society of America, the Smith & Wesson Collectors Association, the Smith & Wesson Historical Foundation and the American Gunsmithing Association.

40133 \$29.99

## The Complete Reloading Manual



.32 H&R Magnum	15361	\$12.99
.380 ACP	15362	12.99
9mm	15363	12.99
.38 ACP	15365	12.99
.38 Special	15364	14.99
.357 Magnum	15366	14.99
.357 SIG	61612	12.99
10mm/.40 S&W	15367	14.99
.44 Special	15368	12.99
.44 Magnum	15369	14.99
.45 ACP	15370	14.99
.45 Colt	15371	14.99
.22 Hornet	61603	12.99
.223	15349	16.99
.220 Swift	61602	12.99
.22-250	15348	14.99
.243	15350	14.99
6.5 Creedmoor	10829	12.99
.260 Remington	61604	12.99
.270	15351	14.99
.280 Remington	61605	12.99
7mm-08	15352	14.99
7mm Rem. Mag.	15353	14.99
7.62 x 39	15359	12.99
.30 M1	15354	12.99
.30-30	15355	12.99
.300 AAC BLK	10830	12.99
.308	15356	19.99
.30-06	15357	19.99
.300 Win. Mag.	15358	14.99
.303 British	61609	12.99
.30-40 Krag	61610	12.99
.300 RUM	61606	12.99
.300 Weatherby	61607	14.99
.300 WSM	61608	14.99
.338 Lapua	61611	12.99
.45-70	15360	14.99
12 Gauge	61601	37.99



### Gun-Guides: The Complete Guide

Ruger .22 Pistols	40035	\$11.99
Ruger 10/22 Rifle	40036	11.99
Ruger Mini-14	40037	11.99
Loading .223 & .22-250	11762	11.99
Loading 9mm & .45 ACP	55557	11.99

### Gun-Guides: Dis-/Reassembly Only

1911 Pistols	40045	\$7.99
AK-47	40038	7.99
Browning Buckmark	40039	7.99
Colt AR-15	40040	7.99
GLOCK Gen 1-5	40041	7.99
Hi-Point Pistols	55558	7.99
M1 Carbine	40042	7.99
M1 Garand	40043	7.99
Mausier Rifles	40044	7.99
Mosin-Nagant Rifles	40046	7.99
Mossberg 500	40047	7.99
Remington 870	40048	7.99
Remington 1100	40049	7.99
Ruger Mk III Pistols	40050	7.99
Ruger Mk IV	55560	7.99
Ruger S.A. Revolvers	40051	7.99
SKS Rifles	40052	7.99
SIG P365	40098	7.99
S&W M&P/Shield	43230	7.99
S&W M&P 15-22	55559	7.99
S&W Victory Model	55561	7.99
1903 Springfield	40061	7.99
Springfield XD/XDM	40053	7.99
Winchester 1300	40054	7.99





# SAFARILAND®

## ENHANCED LIBERATOR HP 2.0

**Next Generation Multi-Mode Hearing Protection!**

**The Liberator® HP headset is the next generation in electronic hearing protection, offering crisp, clear audio in a durable, scratch-resistant, slim earcup.**

**26dB  
NRR**



**Liberator HP 2.0, BLK 40197 \$299.99**

**Liberator HP 2.0, FDE 40198 \$299.99**



- Three distinct hearing protection modes:
  - 1. ENHANCED MODE** – Blocks dangerous impulse noise, while enhancing nearby speech and audio.
  - 2. MOVE MODE** – Blocks all external noise.
  - 3. CLARITY MODE** – Blocks all external noise, while enhancing nearby speech and audio.
- Slim earcup design layered with sound barrier technology.
- High-definition speakers with enhanced electronics.
- Speed-change battery compartment works with either two AAA batteries or one CR123 battery.
- 160-300 hour run time (mode dependent).
- Easily converts to behind-the-head or helmet-mount suspension (available separately from Safariland).

### IN-EAR IMPULSE HEARING PROTECTION



**33dB Peak Impulse Reduction +  
13dB Continuous Reduction**

**40195 \$19.99**

### FOAM IMPULSE HEARING PROTECTION



**38dB Peak Impulse Reduction +  
13dB Continuous Reduction or  
20dB Continuous Reduction in  
Full Block Mode**

**18725 \$14.99**

## IMPULSE RANGE KIT

- **Foam Impulse Hearing Protection**
- **Ultra Compact Earmuffs**
- **HD Flex Protective Eyewear**



**38dB Peak Impulse Reduction + 13dB Continuous Reduction or  
20dB Continuous Reduction in Full Block Mode**

**40196 \$39.99**



## HP 2 Folding Hearing Protector



Hearing  
Protector  
Belt Clip



## Dillon Hearing Protectors

HP2 (NRR 21) Non-Electronic Hearing Protector, Blue <sup>^</sup>	<b>10361</b>	<b>\$19.99</b>
HP2 Hearing Protector, Black <sup>^</sup>	<b>10360</b>	<b>19.99</b>
HP1/HP2 Replacement Ear Cushions <sup>^</sup>	<b>19022</b>	<b>10.00</b>
Hearing Protector Belt Clip	<b>13020</b>	<b>3.29</b>



Bomber Eyewear's lenses and frames are made from High-Index Polycarbonate that is durable, flexible and impact resistant. All colors provide UV protection.

Clear	<b>10513</b>	<b>\$9.99</b>
Smoke	<b>10514</b>	<b>9.99</b>
Light Blue	<b>10515</b>	<b>9.99</b>
Yellow	<b>10516</b>	<b>9.99</b>
Amber (pictured)	<b>10517</b>	<b>9.99</b>
Smoke Mirror	<b>10518</b>	<b>9.99</b>

## Bifocal Shooting Glasses



### Clear, Bottom Bifocal

Clear Bifocal 1.5	<b>11820</b>	<b>\$19.99</b>
Clear Bifocal 2.0	<b>11821</b>	<b>19.99</b>
Clear Bifocal 2.5	<b>11822</b>	<b>19.99</b>

### Smoke, Bottom Bifocal

Smoke Bifocal 1.5	<b>11825</b>	<b>\$19.99</b>
Smoke Bifocal 2.0	<b>11829</b>	<b>19.99</b>
Smoke Bifocal 2.5	<b>11831</b>	<b>19.99</b>

### Clear, Top Bifocal

Clear Bifocal 1.5	<b>11832</b>	<b>\$39.99</b>
Clear Bifocal 1.75	<b>43221</b>	<b>39.99</b>
Clear Bifocal 2.0	<b>11834</b>	<b>39.99</b>
Clear Bifocal 2.25	<b>43333</b>	<b>39.99</b>
Clear Bifocal 2.5	<b>11843</b>	<b>39.99</b>
Clear Bifocal 3.0	<b>43334</b>	<b>39.99</b>

## SureFire Hearing Protection



Ear Pro EP3 Sonic Defenders<sup>®</sup> by SureFire<sup>®</sup> protect you against loud, harmful noises, yet allow normal conversations to be heard; and the soft, hypoallergenic polymer provides all-day comfort. **NRR 24**

Small	<b>25340</b>	<b>\$13.99</b>
Medium (Fit Most People)	<b>25341</b>	<b>13.99</b>
Large	<b>25342</b>	<b>13.99</b>



# ERADICATES COPPER FOULING AT MAGNUM VELOCITIES.



## INTRODUCING NEW IMR ENDURON 8133.

It's the slow-burning, copper-crushing magnum powder shooters have been waiting for. Engineered for Extreme Temperature Stability, Ideal Load Density and elevated confidence and success that comes from reloading with legendary IMR powders.

