



the
Blue Press

August 2018
\$2.95 U.S./\$3.95 Canada



**Which
Dillon
is
Right
for
YOU?**

Page 6

**PCC Review:
Hi-Point 1095TS**

See Page 36





2

EDC

NOW STANDS FOR
EVERYDAY CHOICES

The **Ruger® EC9s™** comes with no gimmicks, rebates or mail-in offers for gift cards... just the rugged, reliability of the striker-fired LC9s®, now with integral sights and a no-hassle price point that won't break the bank.

The **Ruger® Security-9®** is an affordable, rugged, mid-sized pistol that provides everyday security in the perfect caliber, size and price point.



**WHY CHOOSE BETWEEN THEM
WHEN YOU CAN HAVE BOTH?**



RUGER.COM



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011118



Dillon's RF 100 Automatic Primer Filler

3

Eliminates the need for primer pick-up tubes!
Fills the primer tube while you reload!
Clear polycarbonate shield and protective housing

Dillon's RF 100 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. That's about 30 rounds you can load while the RF 100 is doing your work for you!

The RF 100 is available for either large or small primers, and conversion kits are available at one low price of \$50.95 each.

Lg. Primer Filler	O70-97077	\$344.95
Sm. Primer Filler	O70-97111	344.95
Lg. (Euro. 220v)	O70-97112	354.95
Sm. (Euro. 220v)	O70-97113	354.95
Sm. Conversion	O70-17903	50.95
Lg. Conversion	O70-17902	50.95
Nylon Packcloth Dust Cover	O70-11143	14.95



TACTICAL
ADJUSTABLE
BATTLESIGHT

ENHANCED RELIABILITY
SYSTEM FOR 9X19

USER REPLACEABLE
FRONT SIGHT

DEHORNE
FOR CARRY

SMALL OR LARGE
BACKSTRAP OPTION

AVAILABLE WITH OR
WITHOUT LIGHTRAIL

3 TRIGGER
LENGTH OPTIONS

1911 ERGONOMICS

15+1 CAPACITY

EDC X9

THE 1911 TRANSFORMED

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4 What's Inside:



**The SCCY
Pistols**
Page 10

**Belt-Fed Guns:
Why They Endure**
Page 48



**American
Mechanized
Artillery
1917-1919**
Page 78

Product Index

Dillon Precision Products Reloading Machines:

*BL 550, Pg. 13; Square Deal B, Pg. 8; RL 550C, Pg. 14;
XL 650, Pg. 20; SUPER 1050, Pg. 30; SL 900, Pg. 38;
and "Big Fifty Reloader," Pg. 50*

RF 100 Automatic Primer Filler	3
Vibratory Case Cleaners	18
Case/Media Separators	18
Dillon Progressive Reloading Dies	34-35
Redding Reloading Dies	52
Dillon Reloading Dies	86
Reloading Components	42-43
Books & Videos	82-83
Ear Protection	7, 12
Eye Protection	12
Dillon Ammo Boxes & Bins	64
Dillon Leather by Mitch Rosen	24-25
Concealed Carry Tote	26
"Plan B" Dayplanner Holster	51
Dillon Range Bag/Ammo Bag/Shooting Mat	32
Targets and Target Stands	54
Firearms Maintenance	66-67
Shooting Accessories by Manufacturer:	
Arredondo Accessories	33, 54, 59, 70
Blade-Tech Industries Holsters, etc.	28
California Competition Works	39, 56, 57, 70
CED Chronograph/Timer	85
Chip McCormick Magazines	69
C-More Sights	76
Dewey Cleaning Supplies	67
Hogue Handgun Grips	60
International Handgun Leather	27
Lone Wolf Distributors	58
MAGPUL AR-15 Magazines/Accessories	72-73
Mec-Gar Pistol Magazines	69
Mernickle Holsters	26
Safariland Holsters	29, 57
Wilson Combat Magazines, Parts	68
Wise Company Gourmet Freeze Dried Food	84

We READ Our Mail!

Your ladies on the *Blue Press* cover are always very attractive. However, there are equally attractive ladies that are participating in shooting sports that also spend time reloading with "Mr Dillon." Attached find a picture of "Shortcake" (Kathy Visione). Kathy is a SASS and NRA member, and has been Cowboy Action Shooting for about 16 months. Her first state match was this year in Iowa, placing third in the Lady Senior category. She was also voted best dressed lady shooter. She placed second in her category a week later at the Wisconsin State Match. In presenting her with her award, the Wisconsin Match Director proclaimed her "the happiest lady on the range." And she is the best wife I could have ever dreamed of having.



Dominic Visione, aka Lawdog Dago Dom

I find the current interest in pistol caliber carbines (two articles in July *Blue Press*) fascinating. The concept is hardly a new one. Where have these people been? Cowboys (and cowboy shooters) have been using "pistol caliber carbines" since the 1870s. The cover photo offers an example. Even semiauto versions of sub-guns are simply a variation on the concept. Good ideas don't go away.

Mike Furlan, NRA Life, SASS Life, ISRA Life – mfurlan@netscape.net

It is not often that I write to compliment or complain, but this situation warrants a comment. For over 20 years I have used a "red" reloading press. I have learned and invented curses that no one has ever heard. Last month that accursed machine broke and I finally bought an XL 650. What was I doing for 20 years? This press has brought some joy into my life (and my wife's, since she no longer has to listen to my complaining). The XL 650 is a wonder! Thank you for a great product! I only wish Mike was still around so that I could tell him.

Paul Russillo – seventwist@verizon.net

Dillon Precision Products, Inc. now offers a smartphone app for both Apple and Android phone systems. Search for "Dillon Precision" at either the iPhone App Store or Google play.

THE BLUE PRESS

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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.



YOU PRACTICE AND RE-PRACTICE,
OBSESS OVER DETAIL AFTER DETAIL.
ALL IN SEARCH OF PERFECTION.
NOTICE A PATTERN HERE?



IMR® 4166™ WITH ENDURON™ TECHNOLOGY.
MAKE IT PART OF YOUR ROUTINE.

Extreme temperature stability meets copper fouling elimination for the consistency you demand. It's a new habit that will become as familiar as ringing steel.

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LEGENDARY POWDERS

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For full data and additional cartridges go to www.balpowder.com



6 Which Dillon is Right for YOU?



Page 8

SQUARE DEAL B

Our automatic-indexing progressive reloader designed to load moderate quantities of common handgun calibers from .32 S&W Long to .45 Colt. It comes to you from the factory set up to load one caliber.



Page 14

RL 550C

The most versatile reloader available, capable of loading over 160 calibers. An automatic casefeeder is available for handgun calibers. Manual indexing and an optional magnum powder bar allow you to load magnum rifle calibers.



Page 20

XL 650

Truly the state of the art, our XL 650 features automatic indexing, an optional automatic casefeeder and a separate station for an optional powder-level sensor. Available in all popular pistol and rifle calibers.



Page 30

SUPER 1050

Our highest production rate reloader includes a swager to remove the crimp from military primer pockets, and is capable of reloading all the common handgun calibers and several popular rifle calibers.

Dillon Progressive Loading Machines: Facts & Figures

	SQUARE DEAL B	RL 550C	XL 650	SUPER 1050
COST				
Base price	\$426.95	\$479.95	\$589.95	\$1811.95
Caliber Conversion price range	\$91.95-101.95	\$47.95-57.95	\$79.95-89.95	\$127.95-280.95
RATE				
Cyclic rate (Rounds per hour)	300-500	400-600	500-800**	1000-1200
One hour production rate	350	500	800**	1000
Caliber change time	10 min	5 min	10 min	20 min
FEATURES				
Number of stations	4	4	5	8
Auto index	yes	no	yes	yes
Auto Casefeeder	no	optional	optional	standard
Uses standard (7/8" x 14) dies	no	yes	yes	yes
Powdercheck System	no	no	optional	optional
Primer Early Warning System	standard	standard	standard	standard
Failsafe Powder System	standard	standard	standard	standard
Separate Crimp Station	yes	yes	yes	yes
SPECIFICATIONS				
Primer magazine capacity	100	100	100	100
Casefeed capacity (.38/.223)	N/A	N/A	600/500	600/500
Powder measure capacity	3/4 lb	3/4 lb	3/4 lb	3/4 lb
Shipping weight	17 lbs.	25 lbs.	36 lbs.*	66 lbs.
Height required above bench***	34 in.	35 in.	44 in.	43 in.
Benchtop overhang required***	1-3/4 in.	3/4 in.	3/4 in.	None
CALIBERS				
Pistol	.32 S&W - .45 Colt	All common	All common	All common
Rifle	N/A	All common	All common	.223 - .30-06

*XL 650 weighs 47 lbs. with optional Casefeeder. **With optional Casefeeder. ***Without optional Strong Mount.

DILLON

7

HP1 Electronic Hearing Protector

- *Protection Rating NRR 21*
- *External battery compartment*
- *Auto shut off extends battery life*
- *Extra-deep, replaceable ear pads*
- *Separate volume controls for each ear*
- *TRUE stereophonic sound*
- *Collapsible for ease of storage*
- *One-year warranty on electronics*



Dillon's HP1 Electronic Hearing Protector amplifies weak sounds while at the same time blocking out loud, harmful noise. During loud noises, the HP1 maintains a comfortable level of sound transmission – HP1 Hearing Protectors are designed to never completely shut off. The Dillon HP2 Folding Hearing Protector is comfortable to wear for extended periods and folds for easy storage when not in use.

HP2

Non-Electronic
Hearing Protector



Hearing
Protector
Belt Clip

Dillon Hearing Protectors

HP1 (NRR 21) Electronic Hearing Protector, Blue

O70-10157 \$135.00

HP1 Electronic Hearing Protector, Black

O70-10156 135.00

HP2 (NRR 21) Non-Electronic Hearing Protector, Blue

O70-10361 19.95

HP2 Hearing Protector, Black

O70-10360 19.95

HP1/HP2 Replacement Ear Cushions

O70-19022 10.00

Hearing Protector Belt Clip

O70-13020 3.29

8 SQUARE DEAL 'B'

STANDARD FEATURES:

- 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!**

All for ONLY...
\$426^{95*}



SDB DVD
Instruction Manual
 070-19482 \$19.95

"SDB" Stock Numbers

.32 S&W Long/H&R Magnum*	\$456.95
O70-16815	
.380 ACP	O70-20053
.38 Special	O70-20102
.357 Magnum	O70-20103
.38 Super	O70-20099
.38 Super Comp	O70-20115
9mm	O70-20104
.40 S&W	O70-20787
10mm	O70-20643
.41 Magnum	O70-20054
.44 Special	O70-20105
.44 Magnum	O70-20052
.44-40 Winchester	O70-21036
.45 ACP	O70-20101
.45 Colt	O70-20051
.45 GAP	O70-20098
.45 S&W Schofield	O70-20418

Total price as pictured here
 with optional accessories: **\$636.70**

SDB Strong Mount	O70-22223	\$66.95
Low Powder Sensor	O70-16306	\$42.95
Bullet Tray	O70-22214	\$44.95
Tool Holder w/Wrench Set	O70-19441	\$27.95
Ctg. Case Bin & Bracket	O70-11672	\$26.95

SQUARE DEAL 'B' ACCESSORIES

A. SQUARE DEAL 'B' CONVERSION KITS

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.

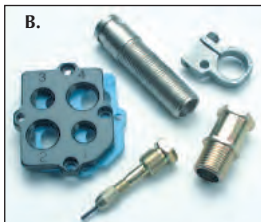


.32 S&W Long/H&R Mag.	O70-16774	\$101.95
(.32 S&W Requires X-Small Powder Bar O70-20780 \$32.95)		
.380 ACP	O70-20246	91.95
.38 Special	O70-20240	91.95
.357 Magnum	O70-20240	91.95
.38 Super	O70-20229	91.95
.38 Super Comp	O70-20275	91.95
9mm	O70-20241	91.95
.40 S&W	O70-20469	91.95
10mm	O70-20469	91.95
.41 Magnum	O70-20247	91.95
.44 Special	O70-20242	91.95
.44 Magnum	O70-20242	91.95
.44-40 Winchester	O70-21035	91.95
.45 ACP/.45 GAP	O70-20123	91.95
.45 Colt	O70-20248	91.95
.45 S&W Schofield	O70-20417	91.95

SQUARE DEAL 'B' DELUXE QUICK CHANGE (Not Pictured) Includes toolhead, powder measure and SDB Toolhead Stand.

O70-62256, \$130.95

'SDB' POWDER MEASURE O70-20001, \$84.95



B. SQUARE DEAL 'B' TOOLHEAD

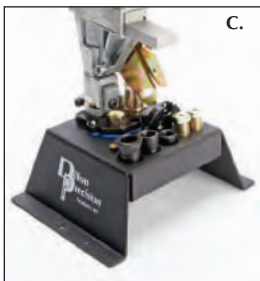
Extra toolheads keep all your adjustments the way you left them.

O70-20113, \$33.95

C. SQUARE DEAL 'B' TOOLHEAD STAND

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

O70-62225, \$26.95



D. SQUARE DEAL 'B' BENCH WRENCH

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

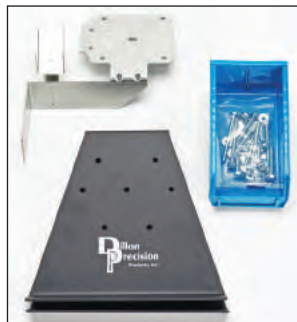
O70-19970, \$8.95 each.

Buy two or more, \$8.10 each.

E. 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.

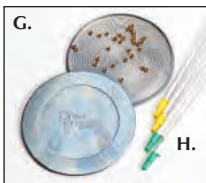
O70-62395, \$75.95



F. 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).

O70-11672, \$26.95



G. PRIMER FLIP TRAY

O70-13606, \$22.95 each

H. PRIMER PICKUP TUBES

1 Lg. tube	O70-22029	\$7.99
1 Sm. tube	O70-22028	7.99
2 Sm., 2 Lg.	O70-20056	25.95
4 Lg. tubes	O70-20050	25.95
4 Sm. tubes	O70-20049	25.95

I. MACHINE COVER

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, **O70-13795, \$23.95**

(J.) Master lock, **O70-13083, \$3.95**



K. MACHINE MAINTENANCE KIT

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

Maint. Kit/SDB Spare Parts Kit O70-97015, \$36.95

L. SDB SPARE PARTS KIT

- 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

DON'T FORGET ONE OF THESE!

Universal Mounting Hardware Kit

O70-14355 \$5.49



- 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

O70-20778, \$22.95



The SCCY Pistols

By J. B. Wood

Several years ago, here in *The Blue Press*, I wrote about the then-new 9mm pistols from SCCY. A lot has happened since then, including a new .380 version and several color choices for the grip-frame. So, it's time to revisit. Two things have not changed – the quality, and the most-reasonable price.

For new subscribers who may have missed the earlier article, let's look first at the two basic 9mm versions. The CPX-1 and CPX-2 have only one principal difference. On the CPX-1, there are twin opposed manual safety levers. My own CPX-2, shown in the photos here, does not have them.

Unless you just want a manual safety, it's really not necessary. The CPX has a true Double-Action-Only trigger system, continuous, with no short reset. It is not striker-fired – there's a pivoting hammer that is always "at rest" unless the trigger is pulled all the way through. SCCY has estimated

the trigger pull at 9 pounds. They got it right.

My compliments to the SCCY designer – there is no stupid "flipper" safety in the wide trigger, and only minimal vertical grooving. The pull is smooth and quick, and the continuous engagement means you can give a hard European primer another whack.

A very slow trigger pull will give you a tiny point of hesitation at the end, as the tip of the hammer emerges at the rear. So, you can "stage" the trigger for careful aim. Most instructors advise against this, but if you know your pistol well, there's no danger. And, if you don't know it well, you shouldn't be fooling with it!

Construction materials are high-tech polymer for the gripframe, and high-grade stainless steel for other parts. The slide is offered in black nitride or matte stainless. Recently, SCCY has offered frames in a wide selection of colors, too many to list here. Even more recently, there are



The SCCY CPX-2, field stripped.
Note the captive recoil spring unit.

the new Kryptek Exclusives, a mottled, camo-like look in several colors.

In dimensions, the CPX is perfect, a true “compact”. Overall length is 6 inches, and height 5 inches with the finger-rest magazine. Width, a slim 1.1 inches. Barrel length is 3.1 inches, long enough to let the 9mm get to a respectable velocity. Empty, the weight is 15 ounces. The double-column magazine holds 10 rounds.

The shape of the gripframe is perfect for my medium-sized hand. The recesses on the front-strap exactly fit my fingers. If your hand is markedly larger or smaller, and they’re not right for you, remember that this is polymer. They can be eliminated. The stippling on the backstrap and the sides is just right for a good hold.

The good square-picture sights have three white dots, and the rear sight can be moved in its dovetail mount. Regarding the white dots, here’s a tiny but interesting detail. In all other pistols I have examined, the white-dot paint is “flat.” On the SCCY, it has a really “shiny” surface, and will pick up even the faintest light. For a defensive pistol that may be used in low-light situations, this could be important.

The CPX uses a falling-barrel locking system. The recoil spring unit is self-contained, and won’t fly away during the disassembly for cleaning. Which, by the way, is very easy. With the slide locked open and magazine out, just pull the takedown cross-pin, restrain the slide, trip the slide latch, and ease the slide assembly off the frame. Lift out the recoil spring unit and the barrel, and that’s it.

After the last shot, the slide locks open. The release latch is in exactly the right place, at the top of the grip on the left side. Sorry, left-handers, but unlike the safety on the CPX-1, there’s no right side unit. Also, the magazine-release button, in the usual location, is not reversible. There are, though, thumbrests and trigger-finger rests on both sides.



A cartridge rim is the perfect tool for removal of the takedown pin.

Again for this write-up, I took my CPX-2 out to the range. Ammo this time was Honey Badger from Black Hills, and a Plus-P JHP loads from the new SuperVel production. The pistol did what it has always done – worked perfectly, even with the hollow-points. The energetic loads added a little snap to the felt-recoil, but nothing painful. At seven yards with a two-hand hold, centered groups were all around four inches.

Now, let’s look at the most recent introduction from SCCY, the CPX-3, in .380 Auto. At the time this is written, a test sample is not yet available, but I have all of the features at hand. It has the same weight and width as the 9mm versions, but in other measures it is slightly smaller. Length is 5.7 inches, and the barrel is 2.96 inches. The magazines are still 10-round capacity.

One of the most prominent differences in the CPX-3 is the Roebuck “quad-lock.” The barrel is precisely mated to the slide at four points, two up front, and two at the rear lock-up. This insures that each time the slide closes; the barrel is in exactly the same position as it was for the previous shot. The accuracy enhancement is obvious.

The top of the slide has laser etching to prevent any glare in bright light. There is also good news for those with less hand strength. The .380 round requires quite a bit lighter tension in the recoil spring unit. Retracting the slide will be significantly easier. And finally, the suggested retail price is a moderate \$350.

The prices of the two 9mm versions are also extremely reasonable. The CPX-1, with the twin safety levers, is \$384, and the CPX-2g is \$370. The special color pistols may be priced differently. Unlike this computer-less dinosaur, you can go to www.SCCY.com for that, or any other question.

SCCY Firearms
1800 Concept Court
Daytona Beach, FL 32114
866-729-7599



12 ABSOLUTE. PREMIUM. PROTECTION.

WILEY X PROTECTIVE EYEWEAR



Romer 3 \$95
3-Lens Pkg., Smoke Grey, Clear, Light Rust **O70-12104**



WX Valor \$95
3-Lens Pkg., Smoke Grey, Clear, Light Rust **O70-12105**



WX Saint \$95
3-Lens Pkg., Smoke Grey, Clear, Light Rust **O70-12102**

WILEY X PROTECTIVE EYEWEAR MEETS ANSI, EN166 AND MILITARY VO BALLISTIC STANDARDS

Bomber Glasses

Bomber Glasses' lenses and frames are made from High-Index Polycarbonate that is durable, flexible and impact resistant. All colors provide UV protection.

Clear	O70-10513
Smoke	O70-10514
Light Blue	O70-10515
Yellow	O70-10516
Amber	O70-10517
Smoke Mirror	O70-10518

\$9.99

Bifocal Shooting Glasses



- Clear, Bottom Bifocal**
- Clear Bifocal 1.5 O70-11820 \$19.95
 - Clear Bifocal 2.0 O70-11821 19.95
 - Clear Bifocal 2.5 O70-11822 19.95
- Smoke, Bottom Bifocal**
- Smoke Bifocal 1.5 O70-11825 \$19.95
 - Smoke Bifocal 2.0 O70-11829 19.95
 - Smoke Bifocal 2.5 O70-11831 19.95

Ear Pro EP3 Sonic Defenders® by SureFire® 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 | O70-25340 | \$12.95 |
| Medium (Fit Most People) | O70-25341 | 12.95 |
| Large | O70-25342 | 12.95 |

FLUGZ

Advanced hearing protection that's easy to custom fit for all-day comfort. Comes with everything you need to fit to your ears. **NRR 21**

O70-43384 \$19.95





BL 550

**Dillon's
Basic
Loader**

\$287⁹⁵

070-15399

Reloading Dies and Caliber
Conversions sold separately
(see the back of the order blank in
the center of *The Blue Press*).
Pictured with optional accessories:
Strong Mount 070-22051 \$50.95

Dillon's RL 550 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 BL 550 is essentially an RL 550 without the automatic priming and powder systems. Capable of loading over 160 calibers – just like the RL 550 – 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 RL 550 loader!

The interchangeable toolhead (Page 15) makes it quick, easy and inexpensive to change calibers. For example, if you load .30-06 for elk, .243 for deer and .22-250 for coyotes, you don't even have to change the shellplate. You simply pull two pins and swap the toolhead with your .30-06 dies to another toolhead with your .22-250 or .243 dies in less than 30 seconds! The additional toolheads are \$26.45 each, or \$24.45 each if you buy three or more – if you load for several rifles it's a no-brainer! Once you get your dies adjusted, you'll never have to re-set them.

A powder measure adapter (bottom right photo) is available if you want to use a manual measure that you already own. Or, if you want to weigh every powder charge you load, it's easy – you can use a powder trickler with the powder die/funnel assembly that comes with the BL 550.

Spares, Accessories & Upgrades for AT 500s, BL 550s & RL 550s

AUTO PRIME SYSTEM

Includes:

Primer Housing /Shield
Primer Slides, Large/Small
Pickup Tubes, Large/Small
Pickup Tube Tips, Large/Small
Magazine Tubes, Large/Small
Mag. Orifices, Large/Small
Operating Rod
Primer Track Bearing
Housing Screws
Ret. Spring Retaining Pin

070-16627, \$89.95



PRIMER SYSTEM EARLY WARNING KIT

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.

070-20302, \$26.95

AUTO POWDER SYSTEM

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

070-20251, \$95.95

OPTIONAL MAGNUM RIFLE POWDER BAR

070-21353, \$32.95



AUTO EJECT SYSTEM

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

070-22120, \$33.95

BL 550 POWDER DIE

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

Powder Die: 070-16629, \$19.95

Upsize Die: 070-16626, \$20.95

Plastic Funnel: 070-16617, \$6.49



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 RL 450, AT 500, BL 550 or RL 550. (Requires the use of an RL 450 powder die – see below.)

070-20029, \$23.95

RL 450 Powder Die:

070-20308, \$22.95

Open 7-6 MST, M-F; 8-3 Sat. • VISA, MasterCard, Discover, C.O.D. • Shipping and HazMat Not Included



RL 550C

STANDARD FEATURES:

- 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!**

All for ONLY...
\$479^{95*}

070-14261

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



RL 550 DVD
Instruction Manual
 070-19483 \$19.95



Total Price as pictured here
 with optional accessories: **\$792.60**

.45 ACP Die Set	O70-14404	\$69.95
Strong Mount	O70-22051	\$50.95
Roller Handle	O70-17950	\$47.95
Low Powder Sensor	O70-16306	\$42.95
Bullet Tray	O70-22214	\$44.95
Toolholder w/Wrench Set	O70-11541	\$29.95
Cartridge Case Bin/Bracket	O70-11185	\$25.95

RL 550C ACCESSORIES



A. RL 550 CALIBER CONVERSION KITS
 Contains: Shellplate, powder funnel and locator buttons. Available in all calibers; please specify caliber desired.

O70-RL550 CONVERSION \$47.95 (Exotic calibers, \$57.95)

B. AUTO POWDER MEASURE SYSTEMS

Additional powder measures stay on the toolhead. Never change powder measurements again!
 RL 550 Powder Measure **O70-20782, \$84.95 ea.**
 Magnum Rifle Powder Bar **O70-21353, \$32.95 each**
 X-Small Powder Bar **O70-20780, \$32.95 each**



C. DELUXE QUICK CHANGE ASSEMBLY

With a quick change assembly and a caliber conversion kit (SOLD SEPARATELY), you can convert in less than a minute. Complete with:

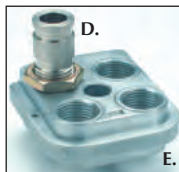
- Toolhead
- Powder Measure
- Powder Die
- Toolhead Stand

Price without Dies, **O70-22058, \$112.95**

Loading dies sold separately on Pages 34, 35 & 52.

D. POWDER DIES

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



O70-20064, \$12.95 each
Three or more, \$11.95 ea.

X-Large Powder Die, O70-21253, \$19.95 each

E. TOOLHEADS

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

O70-13909, \$26.45 each
Three or more, \$24.45 ea.



F. TOOLHEAD STANDS

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

O70-22055, \$22.95 each
Three or more, \$20.95 ea.

G. 1" BENCH WRENCH
O70-10842, \$7.95 each
Two or more, \$7.10 ea.



H. RL 550 CASEFEEDER UPGRADE

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

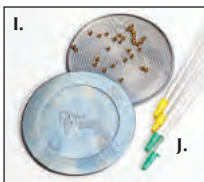
Large Pistol O70-14450
 Small Pistol O70-14451

\$279.95 (110v US Model)

Large Pistol O70-14453
 Small Pistol O70-14454

\$289.95 (220v Euro Model)

CASEFEEDER CALIBER CONVERSIONS (Page 17) \$25.95 each



I. PRIMER FLIP TRAY

O70-13606, \$22.95 each

J. PRIMER PICKUP TUBES

1 Lg. tube	O70-22029	\$7.99
1 Sm. tube	O70-22028	7.99
2 Sm., 2 Lg.	O70-20056	25.95
4 Lg. tubes	O70-20050	25.95
4 Sm. tubes	O70-20049	25.95

K. 550 SPARE PARTS KIT

- 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
- O70-20048, \$19.95**

L. MACHINE MAINTENANCE KIT

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

Maint. Kit & Spare Parts Kit O70-97016, \$33.95



M. 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 1000 grains, a buzzer will sound and a bright red LED will light.

O70-16306, \$42.95

N. EQUIPMENT DUST COVERS

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

RL 550 Cover, **O70-13795, \$23.95**

(O.) Master lock, **O70-13083, \$3.95**

Quick-Change Cover (for use with powder measure) **O70-11143, \$14.95**



P. UNIVERSAL MOUNTING HARDWARE KIT

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

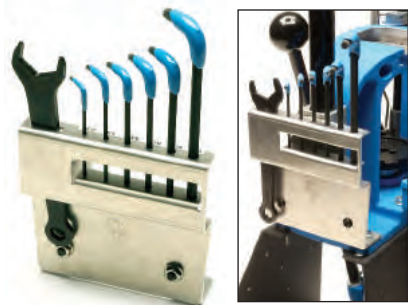
O70-14355, \$5.49



16 Dillon Reloading Accessories

Dillon's Reloading Accessory Package Deals include: either Dillon's D-Terminator Electronic Scale or Eliminator Balance Beam Scale, a Dial Caliper, a Primer Flip Tray, a Bench Wrench, an 8 oz. bottle of Case Lube, a pair of clear safety glasses, a machine cover and the latest edition of the Lyman *Reloading Handbook*.

SDB (Balance Beam Scale)	O70-14482	\$192.95
SDB (Electronic Scale)	O70-14483	251.95
RL 550 (Balance Beam Scale)	O70-21143	191.95
RL 550 (Electronic Scale)	O70-22117	250.95
XL 650 (Balance Beam Scale)	O70-21430	207.95
XL 650 (Electronic Scale)	O70-22118	266.95



Dillon's Toolholders are available for your RL 550, XL 650, SL 900, and Square Deal B, 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!

XL 650 with Wrench Set	O70-11555	\$30.95
XL 650 w/o Wrench Set	O70-11554	19.95
RL 550 with Wrench Set	O70-11541	29.95
RL 550 w/o Wrench Set	O70-11543	18.95
Square Deal B with Wrench Set	O70-19441	27.95
Dipped Ball-End Hex Wrenches	O70-11483	18.95
One-Inch Bench Wrench	O70-10842	7.95
Square-Deal-Only Wrench	O70-19970	8.95

Dillon's Strong Mounts

increase your machine's "foot-print" to over 10", spreading the load over the whole bench instead of stressing the leading edge. For XL 650 owners with limited overhead clearance, the XL 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.

RL 550/XL 650	O70-22051	\$50.95
XL 650-only	O70-22052	47.95
"SDB"	O70-22223	66.95



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.

Magnum Powder System	O70-97126	\$154.95
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Dillon's Roller Handle

gives your reloader an entirely new "feel," reduces operator fatigue, and makes primer seating easier.

Aluminum Roller Handle	O70-17950	\$47.95
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Dillon's Bullet Tray is a simple, shallow aluminum bullet tray designed and located for economy of motion. Our tray works on the Square Deal "B", RL 550 and XL 650 when equipped with the RL 550/XL 650 Strong Mount, and a separate kit is available for the RL/Super 1050.

Bullet Tray Kit	O70-22214	\$44.95
1050 Tray Kit	O70-22215	44.95

Dillon's 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).

Low Powder Sensor	O70-16306	\$42.95
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Quick-Charge Cover for use with powder measure.	O70-11143	\$14.95
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With Dillon's RL 450 Upgrade components, you can, either all at once or one assembly at a time, upgrade your RL 450 reloader to an RL 550!

RL 450 Upgrade Components		
Frame Change	O70-20094	\$109.95
Powder Failsafe	O70-20251	95.95
Auto Prime	O70-20055	94.95
Auto Eject	O70-20002	61.95
Primer Warning	O70-20302	26.95



A Casefeeder UPGRADE for YOUR RL 550

\$279^{95*}

110 Volt US Model
Large Pistol 070-14450
Small Pistol 070-14451
 220 Volt Euro Model, \$289.95
Large Pistol 070-14453
Small Pistol 070-14454
**Caliber Conversions
 sold separately below.*

RL 550 Casefeeder Caliber Conversions \$25.95 Each

- | | |
|--------------------------------|-----------|
| .25-20/.32-20 Winchester | 070-14206 |
| .30 Mauser/7.62x25 | 070-14204 |
| .32 S&W Long | 070-14205 |
| .32 H&R Magnum | 070-14283 |
| 9mm/9x21/.38 Super/.30 Luger | 070-14284 |
| 10mm/9x25 Dillon | 070-14285 |
| .38 S&W | 070-14208 |
| .38 Super Comp. | 070-14287 |
| .38/.357 Magnum | 070-14286 |
| .357 SIG/.40 S&W | 070-14289 |
| .38-40/.44-40 Winchester | 070-14288 |
| .41 Magnum | 070-14290 |
| .44 Russian | 070-14209 |
| .44 Special/Magnum/Colt | 070-14291 |
| .45 GAP | 070-11441 |
| .45 ACP/.40 Super/.400 Cor-Bon | 070-14292 |
| .45 Auto Rim | 070-19140 |
| .45 Colt/.45 S&W/.454 Casull | 070-14279 |
| .45 Winchester Magnum | 070-14210 |



Dillon's Stainless Steel Headspace Case Gages

.223 Remington	070-13254	\$26.95
.308 Winchester	070-12867	27.95
.30-06 Springfield	070-12679	28.95
.380 ACP	070-15160	15.95
9mm Parabellum	070-15161	15.95
.38 Super	070-15158	15.95
.38 Special	070-15159	15.95
.357 Magnum	070-15163	15.95
.40 S&W	070-15164	15.95
10mm	070-15162	15.95
.44 Magnum	070-15165	15.95
.45 ACP	070-15166	15.95
.45 Colt	070-15167	15.95
.45 GAP	070-12672	15.95

L. E. Wilson Case Gages, Deburring Tool

.22-250	070-12718	\$36.00
.243	070-12828	36.00
.25-06	070-11760	36.00
.270	070-11828	36.00
6.5 Creedmoor	070-12108	36.00
6.8 SPC	070-19522	36.00
7mm Mag.	070-12336	46.00
.30-30	070-12924	36.00
.300 AAC Blackout	070-19515	36.00
.300 Win. Mag.	070-11752	46.00
.300 WSM	070-18709	36.00
.357 SIG	070-18708	36.00
.38-40 Winchester	070-10682	36.00
.44-40 Winchester	070-10697	36.00
.50 Browning MG	070-14447	60.00
Deburring Tool	070-16038	\$20.00

Hornady's O.A.L. Gauge and Bullet Comparator



Overall Length Gauge
 The initial distance a bullet must travel when fired (from the cartridge case mouth until it engages the rifling) is absolutely critical to achieving peak accuracy.
 Straight 070-14622 \$38.95
 Curved (for auto, lever and pump rifles) 070-14862 \$39.95
Modified Case (required) \$6.99 each
 .223 Rem. 070-14627
 .22-250 070-14628
 .243 Win. 070-14631
 .270 Win. 070-14641
 7mm Rem. Mag. 070-14648
 .308 Win. 070-14652
 .30-06 070-14653
 .300 Win. Mag. 070-14655

Bullet Comparator
 Correct bullet seating depth is critical to accuracy. In addition, minor variations in bullet seating depth will have an effect on both pressure and velocity.
 Bullet Comparator 070-14670 \$16.95
Comparator Insert (required) \$8.95 each
 .22 caliber 070-14672
 .24 caliber 070-14673
 .25 caliber 070-14674
 .26 caliber 070-14675
 .27 caliber 070-14676
 .28 caliber 070-14677
 .30 caliber 070-14678
 .33 caliber 070-14679
 .35 caliber 070-14680
 .37 caliber 070-14681
 .45 caliber 070-14682



18

Dillon's Case Preparation Equipment



CV-2001 070-20493 \$189.95

CV-2001 – The Industry Standard

Dillon's CV-2001 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", 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.



CV-750 070-19455 \$145.95

Limited Work Space?

Dillon's introducing the new CV-750 heavy duty Vibratory Case Cleaner for those with limited space. This new case cleaner uses the same motor as the CV-2001 and is every bit as tough – just more compact. To



CM-2000 Case/Media Separator 070-20675 \$76.95

CM-500 Case/Media Separator 070-21045 \$47.95

accompany the CV-750, the CM-500 does the same job as the larger CM-2000 Case/Media Separator; and, like the CV-750, 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!

Attention European Customers:

Case Cleaners are available in 220 volt!

Euro CV-2001 070-22047 \$214.95

Euro CV-750 070-19473 \$170.95

All Dillon CV-2001 and CV-750 Vibratory Case Cleaners now have a **Five-Year Warranty** on the electric motor.





Rapid Polish

SHINE? You bet your brass! Dillon Precision has developed another exciting new product to make your reloading faster and easier. 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.	O70-13804	\$8.95
Case (20 pc.)	O70-20255	135.95



Case Lube

Rapid Lube 5000, Dillon's aerosol cartridge case lubricant, has been replaced by an "environmentally correct," non-aerosol case lube. It works the same: 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.

D.C.L. Dillon Case Lubricant

8 oz. bottle	O70-13733	\$11.95
Case (20 pc.)	O70-20256	168.00

<i>Half and Half</i> 10 bottles of polish /10 of lube	O70-21375	\$135.95
Case (20 pc.)		

Don't Forget Polishing Media!

Crushed walnut hull polishing media – quickly cleans even the dirtiest of cases.

15-pound bag **O70-13287** **\$23.95**

Ground corn cob polishing media – the best there is for that final polish.

10-pound bag **O70-13496** **\$15.95**



This month's cover model is Ciara. To see more photos of Ciara and other **Blue Press** cover models, you can "follow" us on **Instagram@bluepress** on your smartphone, or go to www.instagram.com/bluepress and click "follow."

20 XL 650

STANDARD FEATURES:

- Automatic Indexing
- Uses Standard 7/8" x 14 Dies
- Loading Rate: 500-800 Rds./Hr.
- Comes With One Caliber Conversion
- 5-Station Interchangeable Toolhead
- Automatic Powder Measure
- Automatic Primer System
- Lifetime "No-B.S." Warranty
- **RISK FREE 30-Day Trial!**

All for ONLY...
\$589^{95*}

070-650

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



XL 650 DVD
Instruction Manual
 070-19484 \$19.95

Total price as pictured here
 with optional accessories: **\$1188.55**

Electric Casefeeder	O70-210**	\$239.95
Powdercheck System	O70-21044	\$70.95
.45 ACP Die Set	O70-14404	\$69.95
Strong Mount (550/650)	O70-22051	\$50.95
Roller Handle	O70-17950	\$47.95
Low Powder Sensor	O70-16306	\$42.95
Bullet Tray	O70-22214	\$44.95
Toolholder w/Wrench Set	O70-11555	\$30.95

XL 650 Accessories

A. XL 650 CALIBER CONVERSION KITS

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, see item L.)

O70-XL650 CONVERSION (Specify Caliber) \$79.95*

*(All belted magnums and exotic calibers, \$89.95 ea.)



B. POWDER MEASURE

O70-20782, \$84.95 each

Magnum Rifle Powder Bar

O70-21353, \$32.95 each

X-Small Powder Bar

O70-20780, \$32.95 each

C. POWDER CHECK

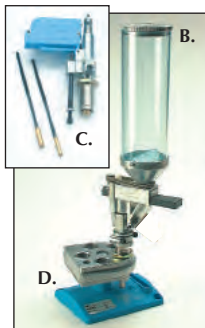
O70-21044, \$70.95 each

Three or more, \$63.95 ea.

D. QUICK CHANGE

Toolhead, TH Stand and Powder Measure

O70-22059, \$116.95



E. PRIMER PICKUP TUBES

Used to transfer primers from flip tray to priming system.

1 Lg. **O70-22029 \$7.99**

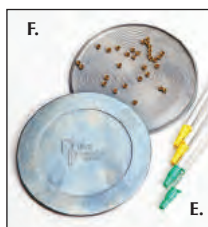
1 Sm. **O70-22028 7.99**

2 Sm., 2 Lg.

O70-20056 25.95

4 Lg. **O70-20050 25.95**

4 Sm. **O70-20049 25.95**



F. PRIMER FLIP TRAY

A heavy, high-quality tray large enough for the Federal primer package. **O70-13606, \$22.95 ea.**



G. TOOLHEAD STANDS

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

O70-22055, \$22.95 each

Three or more, \$20.95 ea.

H. TOOLHEADS

O70-13863, \$31.95 each

Three or more, \$29.95 ea.

I. POWDER DIES

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

O70-20064, \$12.95 each, three or more, \$11.95 ea.

X-Large Powder Dies, **O70-21253, \$19.95 each**

J. XL 650 PRIMING SYSTEM (Not Pictured)

Small Priming System **O70-21065 \$84.95**

Large Priming System **O70-20982 84.95**

DON'T FORGET ONE OF THESE!

Universal Mounting Hardware Kit

O70-14355 \$5.49

O70-10842 7.95

1" Bench Wrench

Buy two or more Bench Wrenches for \$7.10 each



K. CASEFEED ASSEMBLY

Specify large pistol, small pistol, large rifle or small rifle.

\$239.95 (110v), \$249.95 (Euro. 220v)

L. EXTRA CASEFEED PLATES

\$39.95/50.95



XL 650 Casefeed Assembly

Large pistol (110v) **O70-21080 (Euro. 220v) O70-97025**

Large rifle (110v) **O70-21081 (Euro. 220v) O70-97022**

Small pistol (110v) **O70-21079 (Euro. 220v) O70-97021**

Small rifle (110v) **O70-21082 (Euro. 220v) O70-97023**

XL 650 Casefeed Plate

Large pistol **O70-21072 \$39.95**

Large rifle **O70-21075 39.95**

Magnum rifle **O70-18492 50.95**

Small rifle **O70-21074 39.95**

Small pistol **O70-21073 39.95**

M. MACHINE MAINTENANCE KIT



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

Maint. Kit & Spare Parts Kit O70-97017, \$41.95

N. SPARE PARTS KIT

1 Priming Station Locator Bar

1 650 Ejector Wire

1 Slide Spring Pin

1 Indexer Spring

1 650 Primer Indexing Arm

1 650 Index Pawl

1 650 Primer Cam

1 650 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 Indexing Arm Spring

1 Index Ball Spring



2 Pickup Tube, Small, Yellow Tips

1 650 Tool Head Pin

2 Pickup Tube, Large, Green Tips

1 Primer Cup Spring

2 Retaining Clips

2 650 Shellplate Cap

1 650 Primer Support Shim

1 Case Insert Slide Spring Cap

1 Priming Station Locator Tab Bushing

2 Dispensing Tips, Large

2 Dispensing Tips, Small

1 Failsafe Bushing Revision B

O70-21146, \$27.95

O. EQUIPMENT DUST COVERS

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

XL 650 Cover, **O70-10443, \$39.95**

(P.) Master lock, **O70-13083, \$3.95**

Quick-Change Cover (for use with powder measure) **O70-11143, \$14.95**



Q. LOW POWDER SENSOR

Provides an audible and visual reminder when it's time to refill your powder reservoir.

O70-16306, \$42.95

22 Color Coded Aluminum RL 550/XL 650 Toolheads



Blue RL 550 Toolhead	O70-62132	\$29.95
Black RL 550 Toolhead	O70-62133	29.95
Gold RL 550 Toolhead	O70-62134	29.95
Silver RL 550 Toolhead	O70-62135	29.95
Blue XL 650 Toolhead	O70-62136	34.95
Black XL 650 Toolhead	O70-62137	34.95
Gold XL 650 Toolhead	O70-62138	34.95
Silver XL 650 Toolhead	O70-62139	34.95

Super 1050/RL 1050 Short Trim Die Toolhead



O70-62219
\$229.95

For short rifle cartridges like the .300 Blackout, you must use a Short Trim Die Toolhead when using a Dillon Rapid Trim 1500 Case Trimmer during case preparation. Otherwise, the toolhead is too thick to facilitate the correct case length. This specialty toolhead enables you to correctly trim and prepare short rifle cases on your 1050. *(NOTE: the Blue 1050 toolhead stand – Part Number O70-62200, \$49.95 – is not included.)*

Lyman Precision Funnel Set



Lyman's Precision Funnel Set is the ideal system for the serious reloader. The Precision Funnel Set is made to be completely static free, with a body of die-cast aluminum and precision-turned aluminum inserts. No more powder clinging to surfaces, which can happen with lightweight plastic funnels. The solid construction and quality of Lyman's Precision Funnel Set will be apparent in its first use. This is no "one size fits all" funnel; the Precision Funnel Set uses precision-machined, caliber-specific inserts to properly fit the case neck. The inserts can be quickly and easily installed by simply pushing them into place and then pulling them out when changing calibers. The Precision Funnel Set also comes with a padded storage case that neatly stores extra inserts when not in use. The set includes inserts for .22, .243/6mm, .25/6.5mm, .270/7mm, .30 and .338 caliber rifle cartridges.

O70-11389 \$39.95

Lyman X-Block Gunsmith Bench Block



Having the right tool for the job makes any gunsmithing project so much easier! Without the right tool, you may damage fine finishes or break parts. The **Lyman X-Block** is the right tool for anyone driving pins out of firearms. It has all the features to get the job done smoothly and professionally. The X-Block has both a "V" slot and a rounded slot running across the face of the block to support a variety of barrels and slides. The block is made of a tough, non-marring polymer, and edged with a softer non-slip outer overmold. The block has multiple holes to take on most any project, as well as a molded-in magnet on the back side of the block to catch pins and other small parts as they drop out. Its large 5" diameter provides a stable base with plenty of support.

O70-11390 \$15.95

Dillon's New Rapid Trim 1500 Case Trimmer



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

The RT 1500 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 RT 1500 Case Trimmer **O70-62164** is **\$332.95**. (Available only in 110 volt 60 Hz.) Size/trim dies are sold separately (see chart below). Replacement carbide cutting blades, **O70-13141**, are **\$20.95** each. Upper lock rings, **O70-13559**, are **\$5.99** each.

RT 1500 & 1200B Size/Trim Die Calibers

.204 Ruger	O70-21028	\$59.95
.222 Rem.	O70-21363	59.95
.223 Rem.	O70-20107	52.95
.223 Rem. Carbide	O70-19797	186.95
.220 Swift	O70-21364	59.95
.22-250 Rem.	O70-20110	57.95
.243 Win.	O70-20109	57.95
.25-06 Rem.	O70-21367	59.95
6.5 Creedmoor	O70-62290	59.95
6.5 x 55mm	O70-21495	59.95
.270 Win.	O70-20112	57.95
7mm Rem. Mag.	O70-21366	59.95
.30-30 Win.	O70-20111	57.95
.300 WSM	O70-21029	59.95
.308 Win.	O70-20106	52.95
.308 Win. Carbide	O70-62126	186.95
.30-06	O70-20108	52.95
.30-06 Carbide	O70-62159	236.95
.300 Win. Mag.	O70-21370	59.95
.300 Wby. Mag.	O70-21371	59.95
.303 Brit.	O70-21765	59.95
8 x 57 Mauser	O70-21502	59.95
.338 Win. Mag.	O70-21368	59.95
RT 1500 Motor Only	O70-61500	\$301.95

RT 1500 Short Trim Dies

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

.300 Blk Carbide	O70-62140	\$186.95
6.8 SPC	O70-62238	\$59.95
7.62 x 39	O70-62237	59.95



Short Trim Die Toolheads

RL 550	O70-62231	\$39.95
<i>(Includes modified vacuum manifold.)</i>		
XL 650	O70-62112	35.95
RL/Super 1050	O70-62219	229.95
<i>(Not pictured, see Page 22.)</i>		

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	O70-62124	\$20.95
9mm Adaptor	O70-62168	14.95
.40 S&W Adaptor	O70-62169	14.95

O70-20095
\$106.95



Open 7-6 MST, M-F; 8-3 Sat. • VISA, MasterCard, Discover, C.O.D. • Shipping and HazMat Not Included



24

Dillon Leather



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

O70-18843

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 Revolver | O70-19372 |
| S&W 4" Lugged Barrel L-Frame Revolver | O70-19373 |
| S&W 4" Light Barrel N-Frame Revolver | O70-19374 |
| S&W 4" Lugged Barrel N-Frame Revolver | O70-19375 |
| S&W 5" Lugged Barrel N-Frame Revolver | O70-19376 |

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 | | 1.25" Gun Belt | |
|---------------|------------------|----------------|------------------|
| 32" Waist | O70-18859 | 32" Waist | O70-18873 |
| 34" Waist | O70-18860 | 34" Waist | O70-18867 |
| 36" Waist | O70-18861 | 36" Waist | O70-18868 |
| 38" Waist | O70-18862 | 38" Waist | O70-18869 |
| 40" Waist | O70-18863 | 40" Waist | O70-18870 |
| 42" Waist | O70-18864 | 42" Waist | O70-18871 |
| 44" Waist | O70-18865 | 44" Waist | O70-18872 |



by Mitch Rosen!



When we lost our supplier for Dillon Leather, we considered abandoning the gunleather business. Fortunately, we were able to team up with Mitch Rosen Extraordinary Gunleather to continue to offer a best-quality, made-in-the-USA line of belts and holsters. We know you'll like these products – we're happy to have our name on them.

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 | O70-18817 |
| Colt Government Model | O70-18810 |
| Colt Commander | O70-18811 |
| Colt Officers | O70-18812 |
| GLOCK 17, 22, 31 | O70-18813 |
| GLOCK 19, 23, 32 | O70-18814 |
| GLOCK 26, 27, 33 | O70-18815 |

- | | |
|------------------------------------|------------------|
| GLOCK 20, 21 | O70-18816 |
| GLOCK 42 | O70-10034 |
| GLOCK 43 | O70-10035 |
| SIG P220, P226 | O70-18818 |
| SIG P228, P229 | O70-18827 |
| SIG P320 4.7" | O70-10032 |
| SIG P365 | O70-10033 |
| S&W Military & Police 9mm/.40 Auto | O70-19011 |
| S&W Military & Police SHIELD™ | O70-12241 |
| S&W 2" J-Frame Revolver | O70-18820 |
| Ruger 2.25" SP-101 Revolver | O70-18828 |

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) | O70-19854 | \$39.95 |
| Brown 8-Magazine Single-Stack (1911) | O70-19855 | 39.95 |
| Black 5-Mag. Double-Stack (9/.40 GLOCK) | O70-19856 | 39.95 |
| Brown 5-Mag. Double-Stack (9/.40 GLOCK) | O70-19857 | 39.95 |

Comp-Tac PCC PLM Mag Pouch

The Comp-Tac Pistol Caliber Carbine Magazine Pouch – PLM – is an outside-the-waistband holder to carry a spare magazine for competition. The smooth, low-friction surface allows for a fast magazine removal and easy one-handed insertion of the magazine. "RH" pouches are designed to be worn on the left side, bullets forward; "LH" pouches on the right side, bullets forward.



- | | | |
|-----------------------------|------------------|----------------|
| Colt/UMC 9mm RH | O70-10047 | \$37.99 |
| Colt/UMC 9mm LH | O70-10051 | 37.99 |
| CZ Scorpion RH | O70-10049 | 37.99 |
| CZ Scorpion LH | O70-10053 | 37.99 |
| GLOCK 9/40 RH | O70-10050 | 37.99 |
| GLOCK 9/40 LH | O70-10054 | 37.99 |
| SIG MPX RH (pictured above) | O70-10048 | 37.99 |
| SIG MPX LH | O70-10052 | 37.99 |

Open 7-6 MST, M-F; 8-3 Sat. • VISA, MasterCard, Discover, C.O.D. • Shipping and HazMat Not Included



26 Dillon's Concealed Carry Tote

Dillon's NEW Concealed Carry Tote accommodates all the tools you need to survive the urban jungle. This low-profile carry case looks like an ordinary briefcase or laptop case, but it's designed for your pistol as well as your PC! It's made of rugged nylon fabric, with heavy-duty zippers on all compartments. The main compartment is 15" x 11.5" x 3" deep, with pouches in back and front. The hidden gun pocket is held closed with hook & loop fasteners for quick access, has a 14.5" opening and is 10.5" deep. The two front pockets are 6.5" x 8" x 1.5" and feature inner pockets for flat items. There is also a zippered compartment on the back of the case sized to accommodate a ballistic armor plate.



Mernickle

Conceal-Carry Performance Series

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" SA Colts/clones **070-11560**
- 4-5/8" Ruger Blackhawk **070-15765**
- Ruger LCR **070-29030**
- 2" J-Frame S&W Rev. **070-15764**
- GLOCK 17/22 **070-62277**
- GLOCK 19/23 **070-62278**
- 5" 1911 (pictured) **070-62279**
- 4" 1911 **070-62288**



\$79⁹⁵

Mernickle's "Wild Bunch" 1911 Holster/Mag Pouch

This holster/mag pouch combination was designed specifically for the Single Action Shooting Society's "Wild Bunch" category of Cowboy Action Shooting, 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. The holster is hard molded so as not to lose its shape even after thousands of draws. It spaces the pistol's grip frame away from your body so you'll get a full combat grip, and the holster includes

the T-nut lock system to ensure that it stays in place during a draw.

The mag pouch spaces the magazines so when you grab one mag, the second isn't in your way; above the belt line so the belt doesn't interfere with the draw; and at the max depth required by the sport – and no more – so you'll get a full grip and the ability to index with your forefinger for a rapid mag well insert.

- 1911 Holster **070-19947 \$139.95**
- Mag Pouch **070-19946 44.95**



5.11 Tactical® *ALWAYS BE READY* ²⁷



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"	O70-21599	\$22.95
Medium 32-34"	O70-21600	22.95
Large 36-38"	O70-21601	22.95
X-Large 40-42"	O70-21602	22.95
2X-Large 44-46"	O70-21603	25.95
3X-Large 48-50"	O70-21604	25.95

5.11® 1.5" Trainer Belt & 1.75" Operator Belt

Waist Size	1.5" Trainer	1.75" Operator	
Sm. 28-30"	O70-21613	O70-21606	\$39.99
Med. 32-34"	O70-21614	O70-21607	39.99
Lg. 36-38"	O70-21615	O70-21608	39.99
X-Lg. 40-42"	O70-21626	O70-21609	39.99
2X-Lg. 44-46"	O70-21627	O70-21610	44.99
3X-Lg. 48-50"	O70-21628	O70-21611	44.99
4X-Lg. 52-54"	O70-21670	O70-21612	44.99

BLADETECH. Ultimate Carry Belt by Nexbelt



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"	O70-12380	\$49.99
Titan Brown Nylon 1.5"	O70-12383	49.99
Defender Black Leather	O70-12384	59.99
Defender Brown Leather	O70-12385	59.99

BLADETECH. Special Purchase!

The folks at Blade-Tech made these holsters for a firearms manufacturer's special order, and these are the overruns. They'll accommodate 1911s with or without accessory rails.

O70-13079 \$19.95



INTERNATIONAL HANDGUN LEATHER



Belt Slide

1911 Black
Sm. Glock, Blk.

\$58.95

O70-16468
O70-16469



Speed Strip Wallet *Speed Strip/Ammo NOT Included*

.38/.357 6-rd.	O70-18308	\$31.95
.38/.357 8-rd.	O70-18987	31.95
.44/.45 6-rd.	O70-18988	31.95
.410 Ga. 6-rd.	O70-18990	35.95
.500 S&W 6-rd.	O70-18989	31.95

Open 7-6 MST, M-F; 8-3 Sat. • VISA, MasterCard, Discover, C.O.D. • Shipping and HazMat Not Included



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)	O70-40148	\$34.99
CZ 75 3.75" SP01	O70-10038	34.99
GLOCK 17/22	O70-40140	34.99
GLOCK 19/23	O70-40139	34.99
GLOCK 20/21	O70-40142	34.99
GLOCK 34/35	O70-40141	34.99
SIG 4.7" P320/X5	O70-10036	34.99
Smith & Wesson 4" M&P	O70-40149	34.99
S&W 4.25" M&P 2.0	O70-10037	34.99
Springfield 4" XD/Mod 2 9/40	O70-40143	34.99
Springfield 5" XD/Mod 2 9/40	O70-40144	34.99
Springfield 4.5" XDM	O70-40145	34.99
Springfield 5.25" XDM	O70-40146	34.99
STI Edge	O70-40147	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	O70-43396	\$29.99
GLOCK 43	O70-43398	29.99
Ruger LC9	O70-43394	29.99
S&W J-Frame Revolver	O70-43397	29.99
S&W M&P Shield	O70-43395	29.99
Springfield XDS	O70-43393	29.99



BLADE-TECH 1.5" Inner/Outer Hook & Loop Belt

32"	O70-12242	\$49.99
34"	O70-12243	49.99
36"	O70-12245	49.99
38"	O70-12246	49.99
40"	O70-12247	49.99
42"	O70-12249	49.99
44"	O70-12251	49.99
46"	O70-12253	49.99
48"	O70-12255	49.99



Single Mag	\$19.99 ea.
1911	O70-40150
Small GLOCK	O70-40151
Large GLOCK	O70-40152
Double-Stack 9/.40	O70-40153
Double-Stack .45	O70-40154



Double Mag	\$29.99 ea.
1911	O70-40155
Small GLOCK	O70-40156
Large GLOCK	O70-40157
Double-Stack 9/.40	O70-40158
Double-Stack .45	O70-40159



AR-15 Single Tek-Loc™ Mag Pouch
O70-40034 \$29.99



Large Tek-Loc™
Universal Belt Clip w/Hardware
O70-40029 \$8.95





SAFARILAND Holsters

Safariland Custom Fit 567



Safariland Model 6377 ALS™



Safariland Custom Fit 567 Holsters

The Model 567 Custom Fit holster is one of the lightest, thinnest, best fitting concealment holsters available. True to its name, it adjusts to a wide variety of popular handguns, giving each a "custom fit" in this holster.

4" K & L-Frame S&W, Ruger, and Colt Revolvers	O70-19262	\$43.95
4" N-Frame S&W Revolvers	O70-19263	43.95
5" N-Frame S&W Revolvers	O70-19264	43.95
Beretta Compact, Taurus Compact, CZ-75, Colt Commander Model	O70-19265	43.95
Beretta, Taurus, Browning HP, Colt 1911	O70-19266	43.95

Colt Officers' Model, GLOCK 19/23, SIG P228, HK USP Compact 9/40 **O70-19267 43.95**
 GLOCK 17, 20, 21, 22, HK USP 9/40, Ruger P Series, SIG P220

O70-19268 43.95

Safariland Model 6377 ALS™ Holsters

The Model 6377 is a concealment version of the all new Automatic Locking System series holster. Once the weapon is holstered, it locks into place, providing an extra measure of security from the standard open-top holster.

Colt 1911	O70-40072	\$39.95
GLOCK 17/22	O70-19444	39.95
GLOCK 20/21	O70-19443	39.95
GLOCK 34/35	O70-40073	39.95
SIG 220/226	O70-19446	39.95
SIG 220/226 with Accessory Rail (no light)	O70-19447	39.95
SIG 228	O70-19445	39.95
S&W M&P 9/40	O70-19448	39.95
Springfield 4" XD 9/40	O70-40074	39.95
Springfield 5" XD 9/40	O70-40075	39.95
Springfield XDM 9mm	O70-40076	39.95
Springfield XDM .40	O70-40077	39.95

Comp-Tac Holsters



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 **O70-43380 \$49.95**

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 **O70-43381 \$49.95**

QB Size 3 fits: GLOCK 43; Springfield XD-S; S&W Shield; Walther PPS; Walther CCP **O70-43382 \$49.95**

QB Size 4 fits: 1911s - Colt, Kimber, Springfield including TRP Half and Full Rail, SIG 1911s, all Mil-Spec 1911s **O70-43383 \$49.95**



Comp-Tac IDPA Revolver Competition Holster

4" K-Frame S&W Revolvers	O70-13029	\$64.99
4" L-Frame S&W Revolvers	O70-13032	64.99
2.5" N-Frame S&W Revolvers	O70-13035	64.99
4" N-Frame S&W Revolvers	O70-13038	64.99



Comp-Tac USPSA Revolver Competition Holster

6" K-Frame S&W Revolvers	O70-13030	\$64.99
6" L-Frame S&W Revolvers	O70-13033	64.99
5" N-Frame S&W Revolvers	O70-13043	64.99
6.5" N-Frame S&W Revolvers	O70-13044	64.99

Open 7-6 MST, M-F; 8-3 Sat. • VISA, MasterCard, Discover, C.O.D. • Shipping and HazMat Not Included





SUPER 1050

STANDARD FEATURES:

- Loading Rate: 1000-1200 Rds/Hr
- High Strength Ductile Iron Frame
- Swages Military Primer Pockets
- Automatic Indexing
- Automatic Casefeeder
- Automatic Primer System
- Automatic Powder Measure
- Factory Adjusted Reloading Dies
- **RISK FREE 30-Day Trial!**

All for ONLY...

\$1811^{95*}

*Prices vary on exotic-caliber machines.



**Super 1050 DVD
Instruction Manual**
070-19485 \$19.95

Total price as pictured here
with optional accessories: **\$2005.75**

Powdercheck System	070-21044	\$70.95
Low Powder Sensor	070-16306	\$42.95
Bullet Tray	070-22215	\$44.95
1050 Toolholder	070-62202	\$34.95

SUPER 1050 Stock Numbers

.380 ACP	070-21135
9mm Parabellum	070-21067
.38 Super	070-21132
.38 Super Comp	070-21069
.38 Special	070-21136
.357 Magnum	070-21137
.40 S&W	070-21070
10mm	070-21138
.41 Magnum	070-21139
.44 Special	070-21140
.44 Magnum	070-21141
.45 ACP	070-21061
.45 Colt	070-21133
.223 Remington	070-21130
.223 Rem./Carbide	\$1893.95*
6.5 Creedmoor	070-62404
.300 BLK/Carbide	\$1903.95*
.308 Winchester	070-21058
.308 Win./Carbide	\$1901.95*
	070-21068

(See Page 31 for more caliber listings.)



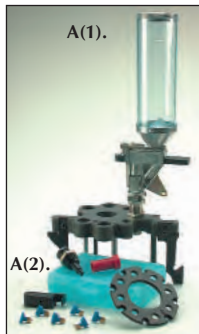
1050 Accessories

A(1). QUICK-CHANGE TOOLHEAD CONVERSION

Includes:

- Toolhead
- Powder Measure

O70-21393, \$281.95



A(2). CALIBER CONVERSION

Includes:

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

Pistol Calibers

	Conversion#/Price	Machine#/Price
.32 ACP	#20633/\$127.95	#21162/\$1811.95
.32 S&W Long	#20634/\$127.95	#21134/\$1811.95
.32 H&R Magnum	#20634/\$127.95	#21134/\$1811.95
.380 ACP	#20483/\$127.95	#21135/\$1811.95
9mm Parabellum	#20482/\$127.95	#21067/\$1811.95
.38 Super	#20484/\$127.95	#21132/\$1811.95
.38 Super Comp	#21057/\$127.95	#21069/\$1811.95
.38 Special	#20477/\$127.95	#21136/\$1811.95
.357 Magnum	#20477/\$127.95	#21137/\$1811.95
.357 SIG	#20068/\$127.95	#21127/\$1849.95*
.38-40 Winchester	#20477/\$127.95	#21158/\$1811.95
.40 S&W	#20545/\$127.95	#21070/\$1811.95
10mm	#20788/\$127.95	#21138/\$1811.95
.41 Magnum	#20478/\$127.95	#21139/\$1811.95
.44 Special	#20479/\$127.95	#21140/\$1811.95
.44 Magnum	#20479/\$127.95	#21141/\$1811.95
.44-40 Winchester	#21161/\$127.95	#21159/\$1811.95
.45 GAP	#21010/\$127.95	#21002/\$1811.95
.45 ACP	#20480/\$127.95	#21061/\$1811.95
.45 Colt	#20481/\$127.95	#21133/\$1811.95
.475 Linebaugh	#20833/\$164.95	call
.480 Ruger	#20833/\$164.95	call
.500 S&W Magnum	#20834/\$164.95	#20428/\$1876.95*

Rifle Calibers

	Conversion#/Price	Machine#/Price
.223 Remington	#20485/\$127.95	#21130/\$1811.95
.223 Rem./Carbide	call	#21131/\$1893.95*
.22-250	#21055/\$145.95	#21129/\$1811.95
.243 Winchester	#21054/\$145.95	#21126/\$1811.95
6.5 Creedmoor	#62403/\$145.95	#62404/\$1811.95
6.8 SPC	#20468/\$145.95	#21150/\$1861.95*
.270 Winchester	#21053/\$145.95	#18491/\$1811.95
.30 Carbine	#20626/\$145.95	#21142/\$1828.95*
7.62x39	#20631/\$164.95	#21144/\$1861.95*
.300 AAC Blackout	#62374/\$127.95	#62388/\$1903.95*
.30-30 Winchester	#21052/\$145.95	#21003/\$1811.95
.300 WSM	#20466/\$174.95	#21110/\$1876.95*
.303 British	#21051/\$127.95	#21060/\$1811.95
.308 Winchester	#21049/\$145.95	#21058/\$1811.95
.308 Win./Carbide	call	#21068/\$1901.95*
.30-06 Springfield	#21050/\$208.95	#21059/\$1874.95*
.30-06 Sp./Carbide	call	#62178/\$2034.95*
.45-70 Government	#21056/\$178.95	#21064/\$1929.95*

A(3). 1050 PRIMER SYSTEM

Large primer system conversion O70-20476 \$114.95

Small primer system conversion O70-20419 114.95

A(4). EXTRA CASEFEED PLATE

Large pistol O70-21072 \$39.95

Large rifle O70-21075 39.95

Small rifle O70-21074 39.95

Small pistol O70-21073 39.95

1050 POWDER MEASURE O70-20421 \$89.95

1050 TOOLHEAD O70-20420 \$202.95



B. BUSHING DRIVER

O70-20341, \$13.95 ea.

C. TOOLHEAD STAND

Black

O70-62201, \$49.95

Blue

O70-62200, \$49.95



D. 1050 TOOLHOLDER

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

With bracket O70-62202, \$34.95

W/O bracket O70-62203, \$30.95

Ball End Dipped Wrench Set

O70-62161, \$18.95

E. PRIMER PICKUP TUBES

Used to transfer primers from flip tray to priming system.

1 Lg. O70-22029 \$7.99

1 Sm. O70-22028 7.99

2 Sm., 2 Lg. O70-20056 25.95

4 Lg. O70-20050 25.95

4 Sm. O70-20049 25.95



F. PRIMER FLIP TRAY

A heavy, high-quality tray large enough for the Federal primer package. O70-13606, \$22.95 ea.



G. MACHINE COVER

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

O70-13239, \$39.95

H. Master lock, O70-13083, \$3.95



I. BULLET TRAY

Designed for "economy of motion" when loading.

O70-22215, \$44.95



J. SPARE PARTS KIT

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

O70-20779, \$35.95

K. MACHINE MAINTENANCE KIT



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

Maint. Kit & 1050 Spare Parts Kit O70-97018, \$48.95

32 Range Bag



Dillon's Range Bag is designed to hold the Border Shift Ammo Bag (sold separately below), as well as a Dillon Large Utility Box (see Page 64). The Main Compartment is 12.5" long x 7" wide x 10" high, the End

Pockets are 8.5" tall x 6.5" wide x 2" deep and the Front Pocket is 9" tall x 6" wide x 2" deep.

Range Bag, Black	070-19366	\$89.95
Pistol Pouch, Black	070-17027	10.95

'Border Shift' Ammo Bag

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!

I.D. Card Holder
070-14575 \$2.95



Black Ammo Bag **070-13755** **\$25.95**



Dillon's 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"*

070-18146 **\$65.00**

Mr. Bulletfeeder[®] 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.

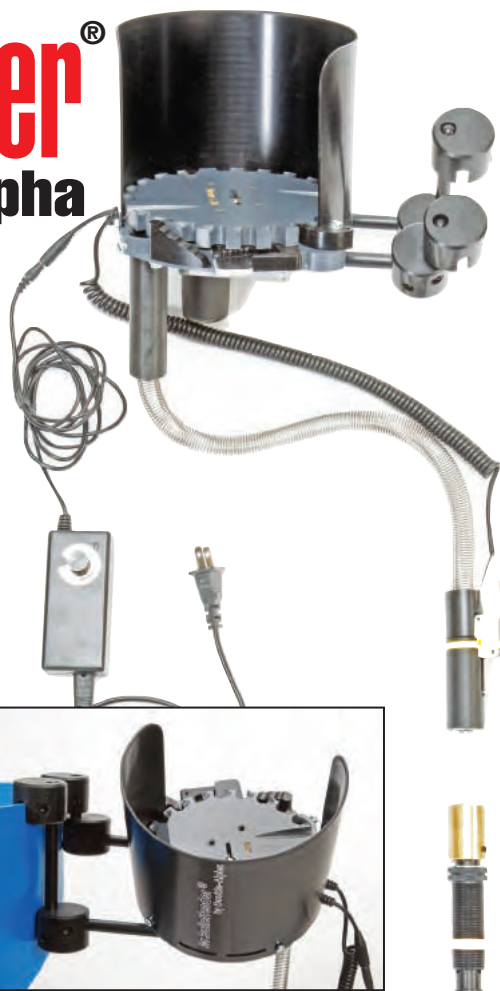
The Mr. Bulletfeeder by Double-Alpha is now a production-grade product, with Double-Alpha Academy – a world leader in practical-shooting-related product manufacturing and distribution – at the helm. The design allows the bullet collator to be mounted onto the casefeeder, eliminating any increased footprint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

Mr. Bulletfeeder (Comes Set Up in One Caliber)

9mm/.38/.357	O70-15145	\$469.95
.40 S&W/10mm	O70-15146	469.95
.45 ACP	O70-15148	469.95
.223 Rem./5.56 NATO	O70-15150	493.95
.30 cal./7.62mm	O70-15153	499.95
6.5mm	O70-15154	499.95

Mr. Bulletfeeder Caliber Conversions

9mm/.38/.357	O70-15168	\$149.95
.40 S&W/10mm	O70-15169	149.95
.45 ACP	O70-15170	149.95
.223 Rem./5.56 NATO	O70-15171	169.95
.30 cal./7.62mm	O70-15172	182.95
6.5mm	O70-15173	182.95



Mr. Bulletfeeder[®] Replacement Parts & Spares



Having separate Bullet Dropper Dies allows you to quickly swap toolheads of the same caliber sizes without having to remove and readjust the bullet dropper die.



The Output Tube Assembly is what connects the Mr. Bulletfeeder by DAA's collator to the dropper. It feeds the bullets into the dropper, keeping them aligned and feeding smoothly. The Small Output Tube Assembly is required for the rifle calibers (both .223 and .308) as well as when loading very short, light 9mm bullets, such as many of the 90-grain bullets available. The Large Output Tube Assembly is required when loading 9mm (over 115-grain bullets), .40, or 45.



Lose a spacer? This four-pack of Nose Guide Spacers is identical to what comes with the Mr. Bulletfeeder. These are used to adjust the height of bullets, so they don't spill out or flip upside-down.

Mr. Bulletfeeder Replacement Bullet Dropper Dies

9mm/.38/.357	O70-10218	\$94.95
.40 S&W/10mm	O70-10219	94.95
.45 ACP	O70-10220	94.95
.223 Rem./5.56 NATO	O70-10221	94.95
.30 cal./7.62mm	O70-10236	94.95

Mr. Bulletfeeder Replacement Output Tube Assemblies

Small Output	O70-10238	\$34.95
Large Output	O70-10239	34.95
Mr. Bulletfeeder Replacement Nose Guide Spacers		
Set of Four	O70-10237	\$2.95

Dillon's Pistol Die Sets

Size Die

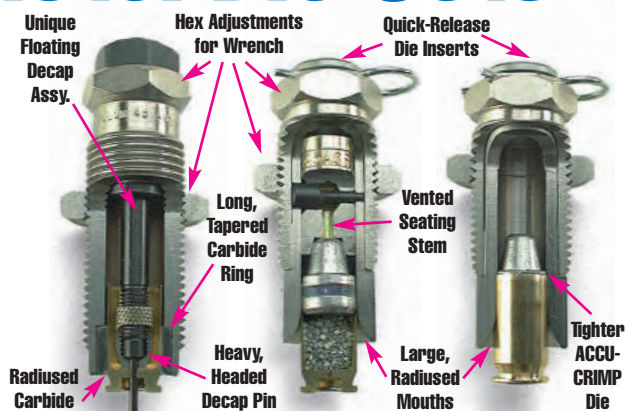
- Floating Decap Assembly Eliminates Primer "Draw Back"
- Long, Tapered Carbide Ring
- Radiused Opening Makes Progressive Loading Smoother

Seat Die

- Reversible Seating Stem Makes it Easy to Change Bullet Styles

Crimp Die

- Quick Disassembly, Easy to Clean



Sizing/Depriming Die

Our sizing/depriming dies feature a unique "floating decap assembly" with a snap spring that throws the spent primer off the pin and eliminates the problem of primer "draw back" that often occurs when decapping military brass. The primary feature of Dillon's size die design – the long, tapered carbide ring with a radiused opening – remains unchanged.

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

Our quick-disassembly seat die allows the user to disassemble and clean the seat 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 out of the die body. We've always included both types of seating stems, but the new double-ended design makes it a simple matter 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 it used to take.

Crimp Die

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 tool-head 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.

NOTE: All Dillon Pistol Die sets include our sizer/decap die, seat die and a separate crimp die. (Taper crimp for autos; accu-crimp for revolvers.)

Dillon Pistol Dies (Three-Die Sets)

.32 S&W Long/.32 H&R Mag.	O70-14426	\$69.95
.380 ACP	O70-14401	69.95
9mm Parabellum	O70-14406	69.95
9x25 Dillon	O70-14601	150.95
.357 SIG	O70-22083	150.95
.38 Super	O70-14399	69.95
.38 Special/.357 Magnum	O70-14400	69.95
10mm/.40 S&W	O70-14398	69.95
.41 Magnum	O70-14402	69.95
.44 Special/.44 Magnum	O70-14403	69.95
.45 ACP/.45 GAP	O70-14404	69.95
.45 Colt	O70-14405	69.95

Dillon Carbide Size/Depriem Dies

.32 S&W Long/.32 H&R Mag.	O70-14119	\$36.30
.380 ACP	O70-14410	30.30
9mm Parabellum	O70-14415	30.30
9x25 Dillon	O70-14602	116.30
.357 SIG	O70-16513	116.30
.38 Super	O70-14408	30.30
.38 Special/.357 Magnum	O70-14409	30.30
10mm/.40 S&W	O70-14407	30.30
.41 Magnum	O70-14411	30.30
.44 Special/.44 Magnum	O70-14412	30.30
.45 ACP/.45 GAP	O70-14413	30.30
.45 Colt	O70-14414	30.30

Spare Decapping Pins

Package of 10	O70-21528	\$6.75
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Spare 1/4" E-Clips for the Pistol Decapping Assembly

Package of 10	O70-62408	\$4.95
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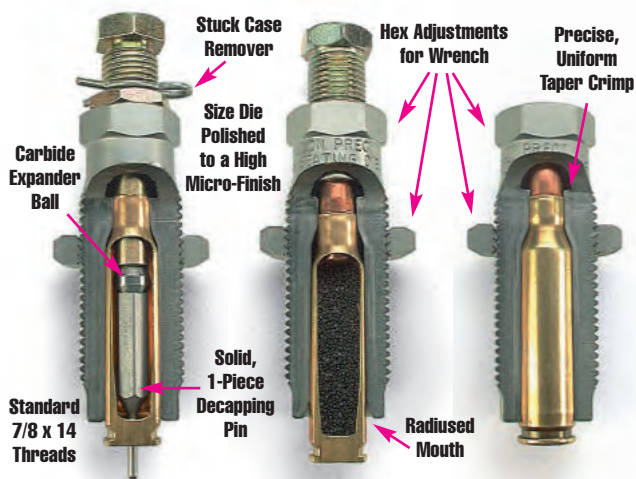
Dillon Seating Dies

.32 S&W Long/.32 H&R Mag.	O70-14106	\$26.30
.380 ACP	O70-14419	26.30
9mm Parabellum	O70-14424	26.30
9x25 Dillon	O70-14603	29.30
.357 SIG	O70-16515	29.30
.38 Super	O70-14417	26.30
.38 Special/.357 Magnum	O70-14418	26.30
10mm/.40 S&W	O70-14416	26.30
.41 Magnum	O70-14420	26.30
.44 Special/.44 Magnum	O70-14421	26.30
.45 ACP/.45 GAP	O70-14422	26.30
.45 Colt	O70-14423	26.30

Dillon Crimp Dies

.32 S&W Long/.32 H&R Mag.	O70-14107	\$25.30
.380 ACP	O70-14438	25.30
9mm Parabellum	O70-14443	25.30
9x25 Dillon	O70-14604	28.30
.357 SIG	O70-16514	28.30
.38 Super	O70-14436	25.30
.38 Special/.357 Magnum	O70-14437	25.30
10mm/.40 S&W	O70-14435	25.30
.41 Magnum	O70-14439	25.30
.44 Special/.44 Magnum	O70-14440	25.30
.45 ACP/.45 GAP	O70-14441	25.30
.45 Colt	O70-14442	25.30

Dillon's Rifle Die Sets



Size Die

- Full-length, to minimum tolerance
- Carbide expander ball
- Features stuck case remover

Seat Die

- Designed to hold bullet straight throughout the seating process

Taper Crimp Die

- Centers case neck and body for a more uniform crimp

Dillon Three-Die Rifle Die Sets include a sizing/depriming die, a bullet seating die and a taper crimp die. Dillon Two-Die Rifle Die Sets include a sizing/depriming die and a seat/crimp die.

Sizing/Depriming Die

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 head-space 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

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

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	O70-10839	\$70.95
.308 Winchester	O70-15574	70.95
.30-06 Springfield	O70-10840	70.95

Dillon Carbide Rifle Dies (Three-Die Sets)

.223 Remington	O70-10096	\$175.95
.30 M1 Carbine	O70-62128	110.95
.300 AAC Blackout	O70-62114	184.95
.308 Winchester	O70-10793	181.95
.30-06 Springfield	O70-62151	287.95

Except where noted, die sets include three dies: carbide size/decap, a seater and a separate crimp die. **PLEASE NOTE: Carbide rifle dies still require case lubrication!**

Dillon Size Dies

.223 Remington	O70-12778	\$43.30
.223 Remington (Carbide)	O70-10223	148.30
.30 M1 Carbine (Carbide)	O70-97039	78.30
.300 AAC Blackout (Carbide)	O70-62118	161.30
.308 Winchester	O70-10242	43.30
.308 Winchester (Carbide)	O70-10234	161.30
.30-06 Springfield	O70-12238	43.30
.30-06 Springfield (Carbide)	O70-62150	236.30

Universal Decapping Die

O70-22127	\$27.95
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Dillon Seat Dies

.223 Remington	O70-21672	\$31.30
.300 AAC Blackout	O70-62141	31.30
.308 Winchester	O70-21674	31.30
.30-06 Springfield	O70-21673	31.30

Dillon Taper Crimp Dies

.223 Remington	O70-21676	\$28.90
.300 AAC Blackout	O70-62142	28.90
.308 Winchester	O70-21678	28.90
.30-06 Springfield	O70-21677	29.90

Spare Decapping Pins

.223 Remington	O70-13278	\$3.99
.308 Winchester	O70-13132	3.99
.30-06 Springfield	O70-13069	3.99
For Universal Decapping Die	O70-15816	3.99

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

Dillon Die Lock Ring	O70-14067	\$1.60
5-Pack Die Lock Rings	O70-10669	4.95



36 "Well, That's Different!"



Reviewed by Peter Caroline

A while back, I was attending a Shootists Holiday at the NRA Whittington Center in Raton, NM. Bill Bell had brought an odd-looking carbine to the Silhouette Range. It was a flat black polymer creation in a pistol caliber, 9mm as I recall, and to put it as kindly as possible, it was not a likely candidate for a beauty pageant. Then he stepped up to the line and shot it, and the silhouettes fell, one right after another. That was my introduction to the Hi-Point Carbine, and a lesson learned.

Some time later, I was at the 2018 SHOT Show, and stopped by the MKS Supply/Hi-Point Firearms booth.

There, on prominent display, was a new Hi-Point Carbine, this time in a Realtree EDGE camo finish and chambered for 10mm. It looked and felt rather saurian, like a fugitive from a Jurassic Park movie. Did I want one to try out? Of course.

About a month later, my Hi-Point Model 1095TS 10mm Carbine arrived. It did not follow any conventional concept of what a semi-automatic pistol-caliber carbine should look like. The buttplate is spring-loaded and projects about 1/2" from the buttstock, presumably to cushion the not-terribly-impressive recoil of the 10mm cartridge.

There is a black rubber cheekrest, which is very comfortable but, for whatever reason, was quite sticky. I called up MKS and asked them, what's the deal with the sticky cheekrest? The nice lady explained that this temporary condition could be mitigated with the application of some Crisco or vegetable oil. Okay...I tried it and it worked. The iron sights, a black post front and ghost ring rear,

are exemplary. The front is adjustable for elevation and the rear for windage. For me, it was an ideal setup, quick and absolutely clear, with or without corrective lenses. The rear sight is removable, and there's a 9" rail underneath for a scope or red dot optic. There's another rail under the forestock, and a



third mounted beneath the 17-1/2" barrel. The barrel is threaded (.57x28) for a suppressor or muzzle brake. The grip texture, a combination of light checkering and something akin to lizard skin, is non-aggressive and quite comfortable. The safety, magazine release and operating handle are all on the lefthand side. This is the conventional position of such controls, presumably designed for righthanded shooters, but as a southpaw, I found it all very natural...no learning curve necessary.

Shooting the 1095TS was a pleasant and satisfying experience. The recoil was predictably





Hi-Point 1095TS Carbine³⁷



“The best news of all is the price. In basic black, the Hi-Point 1095TS has an MSRP of \$389.99; in Realtree EDGE camo, \$439.00.”



mild. This is, after all, a 7-lb. carbine, firing a 10mm pistol cartridge, not a .458 Linebaugh or some other orthopedic surgeon's delight. The single-stage trigger pull is about 6 lbs., soft and a bit squishy, but not unacceptably so. The sights, without any adjustment, were right on. Golf balls, at 25 yards, were no challenge. I mixed a half-dozen assorted rounds, from 125-gr. all-copper hollow points to 180-gr. full metal jacket in the 10-round magazine, and all functioned without a hiccup, and no break-in problems. My only complaint, and a minor one, would be the magazine. Granted, it's easy to load, functioned flawlessly and dropped free when the release button is pressed, but there is only one magazine supplied with the carbine. Extra magazines are available from the manufacturer at \$19.60 each. It's a proprietary design, and as far as I know,

there are no higher-capacity versions available. For home defense or feral hog control, I'd want some extras in a 15- or 20-round configuration.

The best news of all is the price. In basic black, the Hi-Point 1095TS has an MSRP of \$389.99; in Realtree EDGE camo, \$439.00. But we all know better than to pay retail, don't we? This figures out to about half, or in some cases even a third, of what a conventional AR pistol-caliber carbine would set you back. And you'll never have to wonder which of the guns in the club's gun rack is yours.

MKS Supply, LLC
 8611-A North Dixie Drive
 Dayton, OH 45414
 Phone: 937-454-0363
 Email: info@mkssupply.com
hi-pointfirearms.com



38 Dillon's SL 900 Shotshell Loader

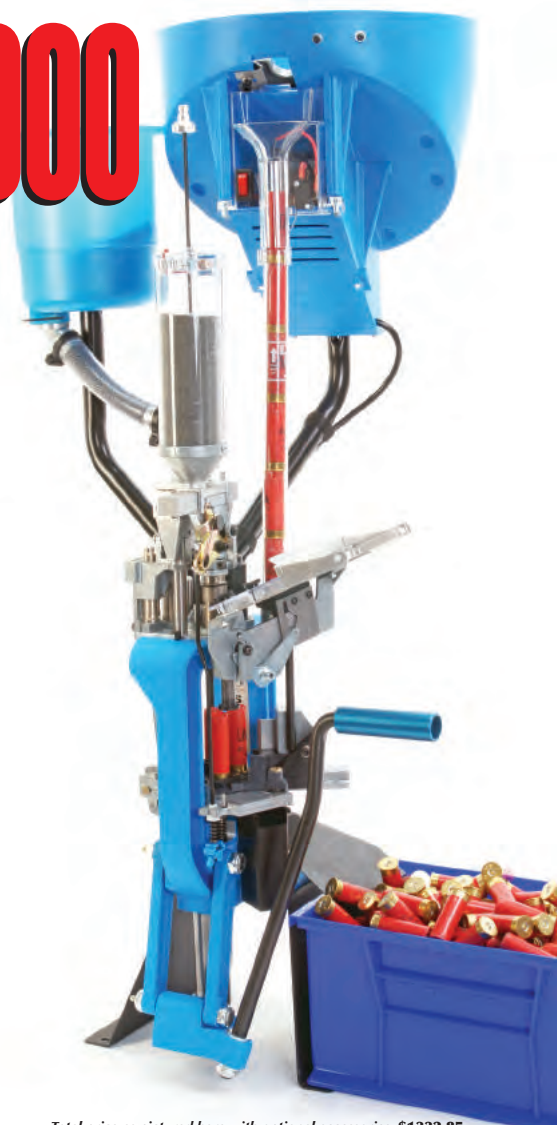
STANDARD FEATURES:

- 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...
\$1039⁹⁵

\$1289.90 with Casefeeder

12 Gauge 070-97110 20 Gauge 070-97123
28 Gauge 070-97124 Comes with factory adjusted dies



Total price as pictured here with optional accessories: **\$1332.85**

12 Gauge Casefeeder (pictured)	070-97037	\$249.95
20/28 Gauge Casefeeder	070-97036	\$249.95
12 Ga. Euro. 220v Casefeeder	070-97118	\$259.95
20/28 Ga. Euro. 220v Casefeeder	070-97125	\$259.95
Low Powder Sensor	070-16306	\$42.95

A. SL 900 CONVERSIONS

- 12 Gauge Conversion
O70-20009, \$374.95
- 12 Gauge Casefeed Plate (not pictured)
O70-17811, \$43.95
- 20 Gauge Conversion
O70-22138, \$374.95
- 28 Gauge Conversion
O70-22139, \$374.95
- 20/28 Gauge Casefeed Plate (not pictured)
O70-97045, \$43.95
- SL 900 Powder System
O70-17817, \$83.95



E. SPARE PARTS KIT

- 1 20 Gauge Yellow Wad Guide
- 1 28 Gauge Green Wad Guide
- 1 20 Gauge Locator Pin
- 1 Index Pawl
- 1 Ring Indexer
- 1 Index Spring Revision A
- 1 Hair Pin Cotter
- 2 Bellcrank Cubes
- 1 Case Insert Slide Spring

D. PACKAGE DEAL

Includes: Lyman Reloading Handbook, Clear Safety Glasses, Dial Caliper, Eliminator Scale, Machine Cover, and Low Powder Sensor.

O70-22290, \$199.95

- 1 Pawl Spring
 - 1 Ejector Wire
 - 1 Plastic Wad Guide
 - 1 Swing Arm Torsion Spring
 - 1 Primer Transfer Arm
 - 1 12 Gauge Locator Pin
 - 1 Gum Rubber Insert Revision B
 - 1 Shot Fitting E-Clip
 - 1 Failsafe Bushing Revision B
- O70-11154, \$27.95**

B. SL 900 MACHINE COVER

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

O70-13239, \$39.95

(C.) Master lock

O70-13083, \$3.95





Infringement Is Illegal

Stop the Radical Left-Wing Gun-Ban Movement

By Alan Korwin

Even if you adopt the fabricated and completely discredited “collective-rights” myth that leftists created, or the “militia-rights” arguments democratic-socialists make to attack individual Second Amendment rights, even then, the right to arms remains as a right that cannot be infringed. This has been overlooked. Infringement is banned, no matter how you choose to characterize this fundamental civil and human right.

Attempting to outlaw firearms the public already peacefully keeps and bears is *de facto* infringement. Nothing could be more clear. “I legally own this gun and now you want to take it away from me? You’re infringing my right to have it. Your reason – or excuse – doesn’t matter.” Using sociopathic murderers, sick children or Muslim jihadis for justification to infringe on a pre-existing right and property possession is insulting and reprehensible, and it’s beside the point. You cannot overwrite the Constitution of the United States with statutes. Infringement is illegal. It is banned. It’s offensive beyond measure to the armed public.

The reason the public is properly armed has been omitted in uncivil debates taking place in public. The Founders arranged, and citizens have continued for centuries, to maintain a balance of power between government and the people. The government is armed and the people are armed in equal measure, for good measure. School children have not been taught this in government schools. Teachers largely don’t even know it, and too many adults – even gun owners – are ignorant of this as well.

Balance of power, in a classic Machiavellian power-politics sense, is the one and only thing providing the modicum of freedom we enjoy in America. It is the reason we are and have always been the magnet to oppressed people the world over. People flock here from gunless subjugation, or haven’t you noticed?

The mythmakers, who are basically the left, a polite name for socialist types in America, have been fighting against the American right to arms – power in the public’s hands – since Karl Marx drafted the communist manifesto. If we yield to their demands, now led by poorly informed, rightfully frightened children, they might succeed in removing all the “good” guns in public hands, and tip the balance of power in ways socialists the world over prefer.

Power – which the brutal mass-murdering communist dictator Mao wisely noted comes from the barrel of a gun – will coalesce in government hands. That’s where democrats, and their followers, including the children, want all the guns collected, or haven’t you noticed. It’s one thing to declare guns illegal (infringement), it’s another to attempt to take them. Bills are being drafted, posted at GunLaws.com to define both infringement, and acting on infringement, so penalties can be specified.

“Aggravated infringement, taking guns people already bear, is a felony.”

Among their big myths encouraging infringement is that you can’t reasonably shoot, even with an AR-15, at a government tank or an F-15 fighter jet. There is no balance of power you fool, it’s nonsense! You have no recourse against the government. Keeping your “weapons of war” serves no legitimate purpose. They’re too dangerous for you peasants (they have other epithets, but that’s the gist) to have! The proletariat (common folks) provoked by kind, caring leaders (yeah, right!), are actually demanding that only people in uniforms with official badges should have guns of any consequence!

That’s almost as outrageous a myth (but initially compelling) as the fantasy that people with carry permits and loaded guns out in public will lead to massive blood in the streets. Or armed pilots shooting down their own planes. The left delayed those excellent programs for years with their fears, but reason and liberty finally won out. And the myths died out, when no one died. The “news” media failed to issue retractions of their incessant fear mongering, for reasons that were unclear at press time.

The tanks-and-jets myth dies a quick and dramatic death when you simply realize the government isn’t sending tanks against downtown Cleveland. And if they do, all bets are off and you better have more than a peashooter for protection. The idea that an F-15 is going to attack ourselves is paranoid delusion; emblematic of so many arguments we face from the anti-gun-rights lunatic fringe. They typically fail to make it clear who’s in command when that happens (Hillary? Trump? Bernie? Putin?).

Continued on Page 47



40 SAFARILAND Equipment Locking System

ELS Quick Attachment Accessory System



4-Shotshell Holder with ELS Attaching Fork (You'll need a Receiver Plate.)
 4 Shell Holder O70-15181 \$58.00

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Reduced recoil, 1200 fps 25 per box.
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California Competition Works' Tandem Tactical Strippers can be used to hold either shotshells or AR-15/M4/Mini 14 magazines, or a combination of both by installing or removing the aluminum spacers provided with each stripper. The Tandem Tactical Stripper holds a maximum of eight rounds of 12 Gauge (10 rounds of 20 Gauge) shotshells or two AR-15/M4/Mini 14 magazines. Each Tandem Tactical Stripper features a BLADETECH Tek-Lok™ Universal Belt Clip, four removable aluminum spacers, and the screws and Allen wrench required to install them.

Tandem Tactical Stripper **O70-00303 \$55.00**

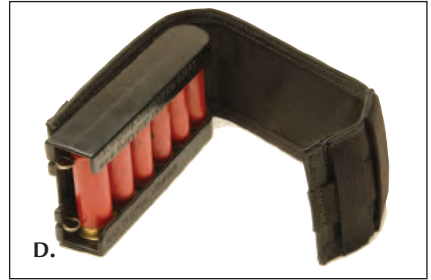


A.

B.



C.



D.

California Competition Works' Tactical Strippers are available in three, four or six-shell versions that allow quick access to your shotgun reloads. Engineered to carry up to 3" magnum* shells as well as the longer European shotshells. All CCW Tactical Strippers are equipped with either a belt clip (A. & B.) or a UMS84 attachment device (C. & D.) that will accommodate up to a 2-1/4" duty belt.

- A. Six-Shell Tactical Stripper **O70-18606 \$23.95**
- B. Four-Shell Tactical Stripper **O70-18605 22.95**
- C. Three-Shell Aluminum Stripper* **O70-19475 34.95**
- D. Six-Shell Covered Tactical Stripper **O70-19225 33.95**

*Three-Shell Aluminum Stripper accommodates 2-3/4" shells only.

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42 Berry's Manufacturing Preferred Plated Bullets

Description	Stock #	250	500	1000	158 gr. FP-DS*	O70-17539	33.00	64.00	118.00
Bullets for the 7.62 x 39 Cartridge									
.380 Caliber Bullets									
123 gr. RN-DS*	O70-17210	\$42.00	\$81.00	\$150.00					
9 Millimeter Bullets									
100 gr. RN-DS*	O70-17532	24.00	46.00	85.00					
115 gr. RN-DS*	O70-17533	25.00	49.00	90.00					
115 gr. HBRN-TP*	O70-17178	27.00	52.00	96.00					
124 gr. RN-DS*	O70-17534	27.00	51.00	95.00					
124 gr. HBRN-TP*	O70-17272	30.00	57.00	106.00					
124 gr. HBFP-TP*	O70-17385	30.00	57.00	106.00					
147 gr. RN-DS*	O70-17535	31.00	60.00	110.00					
.357 Caliber Bullets									
125 gr. FP-DS*	O70-17536	28.00	53.00	98.00					
158 gr. RN-DS*	O70-17540	33.00	63.00	117.00					
.40 Caliber/10 Millimeter Bullets									
155 gr. HBRN-DS*	O70-17238	36.00	70.00	130.00					
165 gr. FP-DS*	O70-17232	36.00	70.00	130.00					
165 gr. HBFP-DS*	O70-17271	41.00	79.00	146.00					
180 gr. FP-DS*	O70-17542	38.00	74.00	137.00					
180 gr. RN-DS*	O70-17515	35.30	68.26	127.00					
.45 Caliber Bullets									
185 gr. HBRN-DS*	O70-17543	41.00	78.00	145.00					
185 gr. FP-DS*	O70-17516	35.30	68.26	127.00					
200 gr. HBFP-DS*	O70-17517	45.00	78.00	146.00					
230 gr. RN-DS*	O70-17549	42.00	80.00	149.00					
<i>Description Stock # 200 400 800</i>									
.44 Caliber Bullets									
240 gr. FP-DS*	O70-17545	39.00	76.00	140.00					

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

Sierra Bullets

(This is not LOADED ammunition.)

5.56mm/.224 Caliber

52 gr. HPBT MatchKing	100/box	O70-10178	\$25.95
55 gr. BlitzKing	100/box	O70-14458	28.95
69 gr. TMK	100/box	O70-80015	29.95
69 gr. HPBT MatchKing	100/box	O70-13007	27.95
77 gr. TMK	100/box	O70-80016	35.99
77 gr. HPBT MatchKing	500/box	O70-18171	157.95

6mm/.243 Caliber

70 gr. HPBT MatchKing	100/box	O70-12386	30.95
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6.5mm

123 gr. HPBT	100/box	O70-14459	44.95
142 gr. HPBT	100/box	O70-14460	46.95

7.62mm/.308 Caliber

125 gr. HP	100/box	O70-14448	39.95
155 gr. TMK	100/box	O70-80018	48.00
155 gr. HPBT Palma	100/box	O70-18160	39.95
168 gr. TMK	100/box	O70-80017	47.00
168 gr. HPBT MatchKing	100/box	O70-10177	42.95
175 gr. HPBT MatchKing	100/box	O70-17481	44.95

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.38/.357 158 gr. RN	100/pkg.	O70-15819	11.50
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Description	Stock #	1 Pkg.	5 Pkg.	10 Pkg.
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.32-20 Win.	O70-31282	25.00	116.00	224.00
9mm	O70-31277	17.00	79.00	152.00
.38 Short Colt	O70-39919	20.00	91.00	175.00
.38 Special	O70-31278	18.00	80.00	154.00
.38 Super +P	O70-31276	20.00	90.00	173.00
.38 Super Comp	O70-30257	20.00	90.00	173.00
.357 SIG	O70-30528	22.00	102.00	196.00
.40 S&W	O70-31283	20.00	93.00	180.00
10mm	O70-31281	21.00	98.00	188.00
.44 Special	O70-31280	24.00	111.00	214.00
.45 ACP	O70-31284	22.00	99.00	190.00
.45 Colt	O70-30259	24.00	111.00	214.00
.500 S&W Mag.	O70-38596	61.00	281.00	542.00

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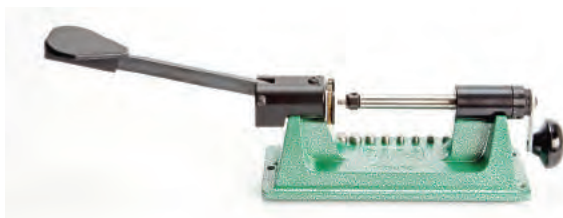


SNS Casting Hard-Cast Lead Bullets ⁴³

Hard-Cast Lead Bullets		Stock #	500	1000				
9mm RN 125 gr.	O70-15258	\$40.00	\$74.00	9mm No Lube Groove 125 gr.	O70-15756	42.00	78.00	
9mm FP 125 gr.	O70-15279	40.00	74.00	9mm RN 135 gr.	O70-15043	44.00	81.00	
9mm RNFP 147 gr.	O70-15259	43.00	80.00	9mm RN 147 gr.	O70-15044	47.00	88.00	
.38/.357 RN 125 gr.	O70-15261	40.00	74.00	9mm FP 147 gr.	O70-15333	47.00	88.00	
.38/.357 RNFP 125 gr.	O70-15307	40.00	74.00	9mm/.38 Super RN 160 gr.	O70-15397	52.00	97.00	
.38/.357 SWC 158 gr.	O70-15263	43.50	81.00	.38/.357 RN 95 gr.	O70-15858	40.00	74.00	
.38/.357 RN 158 gr.	O70-15292	43.50	81.00	.38/.357 RNFP 100 gr.	O70-15859	41.00	76.00	
.38/.357 RNFP 158 gr.	O70-15264	43.50	81.00	.38/.357 FP 105 gr.	O70-15860	42.00	77.00	
.40/10mm FP 140 gr.	O70-15265	42.00	78.00	.38/.357 FP 125 gr.	O70-15879	42.00	79.00	
.40/10mm SWC 175 gr.	O70-15266	50.00	92.00	.38/.357 RNFP 130 gr.	O70-19679	44.00	81.00	
.40/10mm FP 180 gr.	O70-15267	50.50	94.00	.38/.357 DEWC 148 gr.	O70-15880	47.00	88.00	
.40/10mm RN 200 gr.	O70-15285	49.00	91.00	.38/.357 RN 158 gr.	O70-15045	52.00	97.00	
.44 RNFP 180 gr.	O70-15283	50.50	94.00	.38/.357 SWC 158 gr.	O70-15881	52.00	97.00	
.44 RNFP 200 gr.	O70-15274	53.00	98.00	.38/.357 RN 160 gr.	O70-15400	52.00	97.00	
.44 RNFP 240 gr.	O70-15275	60.00	110.00	.40/10mm FP 140 gr.	O70-15335	47.00	87.00	
.44 SWC 240 gr.	O70-15276	60.00	110.00	.40/10mm RNFP 165 gr.	O70-19677	55.00	101.00	
.45 SWC 200 gr.	O70-15270	53.00	98.00	.40/10mm SWC 175 gr.	O70-15336	57.00	106.00	
.45 RN 230 gr.	O70-15271	57.00	106.00	.40/10mm FP 180 gr.	O70-15337	58.00	107.00	
.45 Colt RNFP 180 gr.	O70-15295	51.00	94.00	.40/10mm RN 180 gr.	O70-10029	58.00	107.00	
.45 Colt RNFP 200 gr.	O70-15272	53.00	98.00	.40/10mm RN 200 gr.	O70-15338	60.00	112.00	
.45 Colt RNFP 250 gr.	O70-15273	63.00	118.00	.40/10mm FP 220 gr.	O70-15855	66.00	123.00	
	Stock #	250	500	.44 RNFP 200 gr.	O70-15882	60.00	112.00	
.45/70 Govt. RNFP 405 gr.	O70-15321	\$64.00	\$120.00	.44 SWC 240 gr.	O70-15891	69.00	129.00	
Coated Bullets		Stock #	500	.45 SWC 185 gr.	O70-15856	58.00	108.00	
.30 M1 Carbine RN 115 gr.	O70-15403	\$43.00	\$80.00	.45 RN 200 gr.	O70-15339	60.00	112.00	
.380 RN 95 gr.	O70-15393	40.00	74.00	.45 RNFP 200 gr.	O70-15857	60.00	112.00	
9mm RN 115 gr.	O70-13150	41.00	76.00	.45 SWC 200 gr.	O70-15340	60.00	112.00	
9mm CN (conical) 124 gr.	O70-15075	42.00	78.00	.45 RN 230 gr.	O70-15401	66.00	124.00	
9mm FP 125 gr.	O70-15396	42.00	78.00	.45 RN No Lube Groove 230 gr.	O70-19678	66.00	124.00	
9mm RN 125 gr.	O70-15332	42.00	78.00		Stock #	250	500	
				.30/30 RNFP 158 gr.	O70-15854	\$27.00	\$50.00	

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Lyman Scale Weight Check Set



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CLASSIC FIREARMS: The Wind

By John Marshall

In the late 1930s, the management people at Winchester Repeating Firearms Company were faced with a dilemma. They had been building a really outstanding .22 target rifle (the Model 52) since 1919. It was the one of the unquestioned leaders in the smallbore target rifle world. However, it was not really designed around younger shooters who were just beginning to compete in rifle matches, or for use by the military and ROTC units. It was a heavy rifle (about 10 pounds), and expensive. There was a void that needed filling – a moderately priced target rifle expressly made for beginning shooters, yet accurate enough to win matches when used by more experienced competitors. Winchester had been producing an excellent mid-priced .22 sporter (the Model 69A) since 1937, and it had a number of advanced features. Winchester's engineers were accordingly tasked with crafting a great yet relatively inexpensive target rifle, building it around the exceptional Model 69A speed-lock action.

The result of their efforts was the Model 75. Its action was identical to that of the Model 69A, but the rifle had important differences that would give it a leg up in competition shooting. First, the bolt was carefully headspaced to very tight tolerances on each individual rifle. The bolt was then numbered to the receiver with an electric pencil. The longer 28-inch barrel was rifled to match specifications for the .22 Long Rifle cartridge only. Then it was lead-lapped for uniform smoothness from breech to muzzle. The substantial stock was shaped for optimum comfort in the prone position. Overall length was 45 inches. The weight was held to a moderate 8 pounds, 10 ounces, a bonus for younger shooters for whom the 10 pound Model 52 was hard to keep up for any length of time in the standing position. The trigger was single stage and crisp, like that on its Model 69A predecessor. It was also adjustable to some degree for weight of pull. The sights were excellent; with the micrometer adjustable and extendible Winchester number 84A rear, and the hooded 99A up front. The position of the front sling swivel was movable fore and aft, and each rifle was provided with a 1-1/4" width leather sling similar in type to the standard military M1905. The five-round magazine was the same as was used on the Models 69, 69A and 52.

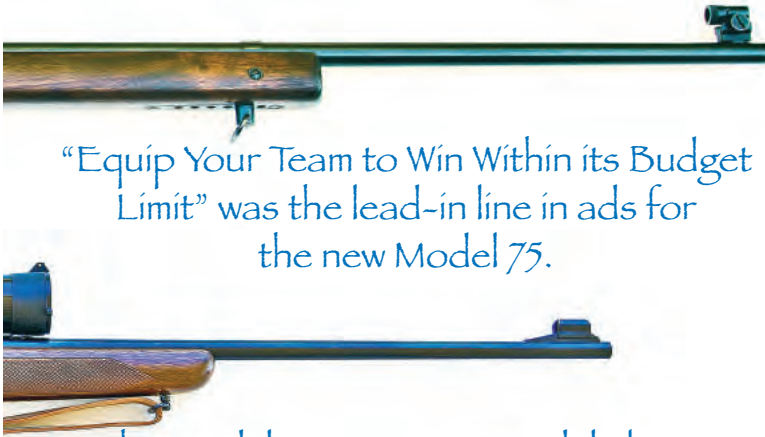


A single-loading adaptor similar in shape to a standard magazine was available. It provided a flexible loading platform for individual cartridge feeding if desired. Like the Model 52, a forward barrel band was provided that was adjustable in tightness for optimum accuracy with varying makes of .22 match ammo. The barrel was drilled and tapped on top to accept target scope bases. In its early years, the rifle could be furnished with an 8-power scope of Winchester make. In all, it was a worthy match rifle in its own right, yet it was way more affordable than the flagship model 52.

Production began in 1938, and the Model 75 first appeared in Winchester's 1939 catalog. Advertising in that year touted both the Model 52 and the Model 75, but began to feature the Model 75 by itself later as being more affordable for school rifle teams and military budgets. "Equip Your Team to Win Within its Budget Limit" was the lead-in line in ads for the new Model 75. Later advertisements for the 75 following WWII stressed that this was a "full man's size target rifle," perhaps to appeal to returning veterans interested in target shooting.

Following the example of the Model 52's "sporting rifle" offspring, Winchester also introduced a Model 75 sporter in the 1939 catalog. This was designed for handier field use. It measured 40.7 inches overall, had a shorter, slimmer 24-inch barrel, a hand-checked lighter-weight stock, and one-inch sling swivels. The action and barrel received the identical care lavished on its big brother target rifle. The stock had a specially designed "shotgun" butt with a corrugated steel buttplate. It had a pistol grip with a hard rubber

Winchester Model 75 .22 Rifles



“Equip Your Team to Win Within its Budget Limit” was the lead-in line in ads for the new Model 75.

“The Model 75 Sporting is widely known for its superior effectiveness as a small game and pest rifle....”

ices purchased about 16,000 Model 75 Targets before and during World War II. The only differences between these and their civilian counterparts were a blade front sight and some subtle variations in stock dimensions. Later examples were Park-erized rather than blued. None had any U.S. property markings. Technical manual TM 9-280, printed by the War Department in March 1944, covered these, other commercial rifles and Springfield Armory-produced target rifles. Very detailed information on the Winchester 75 is provided. Originals and reprints are available. Many of the military's Model 75 target guns were released for sale as surplus after WWII through the Director of

cap and a semi-beavertail forearm. The wood was thoroughly seasoned black walnut, and it was waterproofed and nicely finished. The five-round magazine was the same as was used in the Models 69, 69A and both Winchester target rifles. A 10-round magazine was available for an additional charge. This projected below the bottom of the stock. The buyer had a choice of the Winchester number 32 open rear sight on the barrel, or a Lyman number 57-E micrometer receiver sight. The front sight was a metallic bead on a ramp integral with the barrel, and included a sight cover. Weight was an easy-to-carry 5 pounds, 8 ounces.

In the later years of production, Winchester could and did provide many types of rear sights on the target guns by request. The later standard was the Redfield 75HW rear, coupled with Winchester's 105A front sight. The target model illustrated here, made in April 1949, has this combination. Around 1954, both the sporter and the target were modified with grooved receivers (to accommodate tip-off scope mounts) and swept-back bolt handles. The sporter model illustrated was manufactured in January 1956, and is topped with a precision scope. I have shot this particular gun, and it's extremely accurate. I've had some experience with the target guns also, having shot them in both high school and college Army ROTC. They performed very well in spite of their playing second fiddle to the superb but expensive Model 52s.

The Model 75s sold well over the years, with 88,715 of both types made until they were dropped from production in 1958. All were serial numbered from 1 to 88715 on the right side of the front portion of the receiver. The U.S. military serv-

Civilian Marksmanship program.

In 1948, retail list price for a standard target model 75 was \$53.50, and the open-sighted sporter was listed for \$47.05. By comparison, the more pedestrian Model 69A was then \$24.00.

While the premium Model 52 targets and sporters are in high demand, their asking prices are almost astronomical. The Model 75s are certainly more affordable, with the sporters bringing double or more over the usual prices of the targets on the market. I'm not sure of the comparative numbers of each type made, but I can tell you that I've noticed way more targets than sporters. Most of the targets have seen plenty of use, but the sporters usually survive in pretty good shape. Personally, I'd rather not lug around a high-cost Model 52 sporter weighing 7 pounds 4 ounces. For less money, the 5-1/2 pound 75 sporter makes way more sense for the field, and it's got more accuracy than most folks can use. To quote a Winchester ad from 1955, “The Model 75 Sporting is widely known for its superior effectiveness as a small game and pest rifle and as a moderately priced, thoroughly reliable and handsome arm for all-around .22 rim fire use. Receiver grooved for easy attachment of scope mount.” I think that sums it up nicely.

The Model 75s, both target and sporting, have often been referred to as “The poor man's Model 52s.” I prefer to think of them as more affordable, yet entirely suitable for their intended tasks. I especially like the 75 sporter. If ever a rifle was superbly qualified for field use, this one was, and seeing one of these lightweight beauties rings my chimes every time. It's a definite classic to look for!



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An injection molded pan sifter that fits on top of a bucket to separate your brass from cleaning media.

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Modeled after the military .30 Caliber ammo can, this tough unit has a gasket in the lid to protect contents from moisture. It's approximately 11" long x 7" high x 4" wide at its largest dimensions and holds 550 .223 rounds or 1000 9mm.



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

Bullet Puller O70-17999 \$29.95
 Puller Cap O70-17948 4.95
 Collet Set O70-17947 5.99



Infringement Is Illegal *Continued from Page 39*

These are the hoplophobic (morbid gun fear) people, who flock to the democrat side, where they are welcomed with open (unloaded) arms. Birds of a feather you know. Any excuse to turn guns in, or have them taken by parent figures flies, no matter how irrational the scheme. America has way too many of these folks loose in what used to be the home of the brave. They ignore infringement.

In contrast, hard-core leftist leaders do indeed understand you can't arm slaves and expect them to remain slaves. Politicians, hiding behind walls of armed guards, they know if they go too far they do face armed resistance, and this keeps them in check. For the most part no one is shooting at them, but it looms as a possibility while they "rule" over an armed populace. There are points beyond which they cannot (or better not) go. Infringement is that bright red line, so they leave it out of the dialog. It is up to us to shine that light.

"Making legal guns illegal is infringement."

They've pushed pretty far, with all that's going on, and most seem to have forgotten constitu-

tional limits. Leftist socialists are now introducing bills to actually take arms we already own away. This is where the British found open revolt can happen. We the people do not want to see that happen.

With adorable, heart-rending children in the vanguard, leftists finally may muster enough emotional ammunition to sway an unknowing public. The useful idiots communist comrade Lenin counted on, they might infringe on the public's rights, regardless of rule of law and theoretically unassailable limits.

If they do, we're in real trouble. The public must not brook infringement at that scale. It is essentially treasonous activity – that which might need to be met with force of arms. Something we might only expect of socialism, a mortal arch-enemy of The American Way. God forbid it in the land of the free and the home of the brave.

Alan Korwin's website features his 14 plain-English books on state and federal gun laws, and more common sense like you just read.

Visit GunLaws.com where you can write to him, or get books and DVDs that help keep you safe.



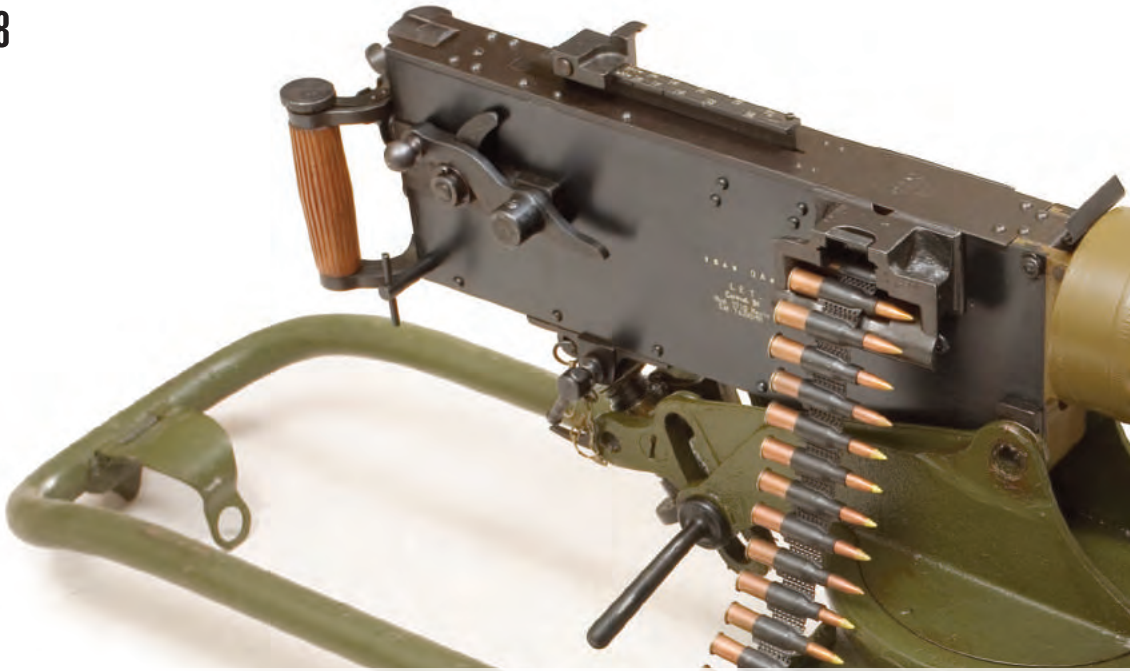
We're Glad to See

You're Back!!!

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Ammunition

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By Oleg Volk

The phrase “ammunition belt” conjures up historic visions of old water-cooled machine guns and ragged guerrillas wearing cloth belts criss-crossed on their chests. Invented in the 1840s for the Cass Repeating Rifle and made popular by the once-ubiquitous Maxim, Vickers and Browning machine guns, ammunition belts are still with us, though in a slightly modified form.

To supply ammunition to the machine gun, a belt has to be pulled through the action and individual cartridges have to be stripped and chambered. The mechanisms used for that vary, but all look fairly bulky and complex compared to the graceful box, pan and drum magazines. How is it that they have endured for over a century and seem set to persist through the foreseeable future? As strange as it may seem, belts provide greater reliability and efficiency than the existing alternatives.

Box magazines have been in use from the 1880s, gravity-fed hoppers and drums from the 1860s, and yet Hiram Maxim chose cloth belts for his seminal machine guns. Why? The answer lies in the requirements posed by the high rate of fire. The 1882 Maxim machine gun and its successors has the cyclic rate of about 10 shots per second. Spring- or gravity-fed devices could not keep up, and any unsyncing of the feeding with the firing meant a stoppage. Belts advanced at exactly the rate at which the action moved, making it certain that the ammunition was presented no sooner and no later than the bolt was ready to chamber it.

Other, less-cumbersome solutions were developed. Hotchkiss and Breda machine guns used flat metal strips, usually of 20-round capacity. They were also moved through the action by the mechanism of the gun itself, ensuring synchro-

nization. The trouble with these strips was the limited sustained fire capability, along with the space they took up. Later on, hinged versions of the strips appeared, but they were even more bulky. Unlike fabric belts, which folded onto themselves and only had a small portion in play being lifted and fed in through at any one time, rigid feed strips put a greater demand on the pulling mechanism of the machine gun.

Around World War I, various weapons operating from box and drum magazines appeared. Some, like the 30-round drum for the Mondragon semiautomatic rifle, were successful but only thanks to the much-reduced rate of fire compared to automatic weapons. On aircraft, Lewis light machine guns with top-mounted pan magazines proliferated – and for the same reason as belt-fed weapons. Unlike the later spring-driven pan magazine of the Soviet DP27, the Lewis pan was powered by the gas-operated action of the weapon itself, also providing almost perfect synchronization of the bolt and the feeding process. For that reason, 47- and 97-round pans could be used, as compared to the typical 20- and 30-round box magazines used by other machine guns. For all their useful features, strips and pans went out after the Second World War, while belts soldiered on. As metal treatment technologies improved, cloth belts gave way to more durable metal links.

One reason was the capacity for uninterrupted fire, especially on aircraft. It was much better to have a 500-round belt than a 97-round pan, especially for wing- or fuselage-mounted guns inaccessible during flight. It was also discovered that machine gun mechanisms had some reliability reserves when subjected to accelerations typical of fighter plane maneuvers: the rate of fire

Belt-Fed Guns: Why They Endure



of a wing gun might have dropped during banking, but it continued to function even against 2-3G acceleration that would have defeated drum or box magazine springs. By contrast, ground crews of Japanese fighters using Oerlikon cannon had to short-load the 60-round snail drums to 55 rounds to ensure functioning. Three iterations later, they switched to belt feed. The same happened to the Soviet DP27 – in its later DPM form, it used belt feed instead of the inefficient and bulky 47-round pans.

The other was the efficiency of weight to ammunition count. A field load of 300 loose 62 gr. 5.56 ball cartridges adds up to about 8.25 lbs. Belted, it weighs at 8.45 lbs., adding a protective pouch makes it 10.5 lbs. Ten 30-round magazines add up to similar 10.3 lbs. Drums lose out in efficiency, with five MagPul D60s hefting 14.5 lbs., and two Armatac CL drums exceeding 18 lbs. Belts and plastic or aluminum box magazines are comparable, while steel magazines like those of Bren or AKM weigh a lot more than links. Drum magazines, like those of RPK or Ultimax light machine guns, weigh a lot more per ammo count than links, and also cost much more to make. Finally, loading many spring-driven drums capable of keeping up with high rates of fire is impossible without mechanical assistance. Though Chinese and Soviet RPK drums are easier to load than most, they are far from reliable in the field.

Two types of metal belts are in use, the non-disintegrating, largely similar to the old cloth belts, and disintegrating, in which links are held together by the cartridges. The non-disintegrating belts tend to be heavier and drag behind the weapon, but may be more easily reloaded after use. Combloc guns like the PKM are typical consumers of those.

Disintegrating links are more common in Western use. Cartridge extraction methods also differ, from push-through with most rimless cartridges, to pull back and then chamber forward of most rimmed cartridges, and to separate de-linkers used mainly for high-speed aircraft or anti-missile guns. The 1930s Soviet high-RPM ShKAS 7.62mm used a three-step de-linker to reduce the stress on the cartridges as they went through the feed path, but even that was insufficient to prevent ammo disintegration, unless special robust ammunition was used. The US Vulcan and Minigun designs use a six-step de-linker, resulting in a smoother and more reliable cycle.

With machine guns heavily regulated, civilian US shooters have only one readily available belt-fed option, the Fightlite AR15 MCR upper that uses the same belts as M249 SAW. While much lighter than the M249, MCR also offers quick-change barrels and considerable sustained fire capability. Less controllable in automatic mode due to the much lighter weight and closed bolt operation, MCR has far greater practical accuracy and can run reliably from box magazines. The belt option, while unnecessary for reliability, permits 250-round or longer strings of fire uninterrupted by magazine changes. Barrel endurance becomes the limiting factor.

On the army side, the Browning .50 BMG machine guns, along with the M249 and the M240 – itself a descendent of the Browning BAR updated with belt feed – remain in use after decades of iterative improvements. As remote controlled turrets and robotic vehicles become more common, the ever-lengthening ammunition belts are poised to become a 21st century feeding device as well.

50 "Big Fifty Reloader"

STANDARD FEATURES:

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Now Available!
.408 CheyTac Conversion
070-50204 \$149.95
(Dies NOT Included)



Total price as pictured here with optional accessories: \$2789.75

.50 BMG Carbide Size Die	070-50075	\$969.95
.50 BMG Case Trimmer	070-50050	\$399.95
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BFR Mounting Hardware Kit	070-50140	\$9.95

BFR Accessories

A. 50 BMG CASE TRIMMER ASSEMBLY

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.

070-50050, \$399.95



B. 50 BMG CARBIDE SIZE DIE

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.

070-50075, \$969.95



C. 50 BMG POWDER MEASURE ADAPTER

For use with the RCBS .50 BMG powder measure.

070-50125, \$77.95



D. 50 BMG PRIMER SEATING DIE

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.

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E. 50 BMG PRIMER POCKET SWAGER

Makes it easy to remove the military crimp.

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E.(1) PRIMING CONVERSION

Converts Swager to Priming System.

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F. 50 BMG PRIMING SYSTEM

Allows off-the-machine primer seating.

070-50002, \$334.95

F.(1) SWAGER CONVERSION

Converts Priming System to Swager.

070-50004, \$79.95



RCBS .50 BMG LOADING ACCESSORIES

.50 BMG Powder Measure	070-21896, \$114.95
.50 BMG Seat/Crimp Die	070-21895, \$139.95

EXTRA "BFR" TOOLHEADS **070-19831, \$189.95**



Dillon's "Plan B" Day Planner Holster holds a handgun and a spare magazine or pepper spray, yet it fits in with business clothing and won't draw undue attention. It looks like a typical day planner, but inside there's a holster that's adaptable for either right- or left-hand draw. It fits most .380, 9mm, .40 and .45 caliber autos, including: Beretta, Colt, GLOCK, HK, Kahr, Kel-Tec, Ruger, Taurus, SIG, and Smith & Wesson. Will also hold small-frame revolvers with two- to four-inch barrels.

"Plan B" Day Planner **O70-10252 \$24.95**



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Sack-Ups Protective Gun Sacks

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Handgun, 13.5" Black	O70-17250	7.99
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Shotgun, 42" Black	O70-17253	10.99
Rifle/Shotgun, 52" Gray	O70-17247	8.99
Rifle/Shotgun, 52" Black	O70-17248	10.99
Rifle/Shotgun, 52" Natural	O70-17251	8.99
Muzzleloader, 72" Gray	O70-17254	11.99
Shotgun Rcvr., 24" Gray	O70-17257	8.99
Shotgun Bbl., 36" Gray	O70-17256	8.99

Sack-Ups Old West Gun Protection

Single-Action Revolver	O70-18000	\$8.99
Lever-Action Carbine 42"	O70-18001	10.99
Buffalo Rifle 48"	O70-18003	10.99

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Dillon Precision, Long Sleeve

Navy, Large	O70-18507	\$19.95
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Navy, XXL	O70-18509	20.95
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Gray, Large	O70-18523	19.95
Gray, XL	O70-18524	19.95
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Black, XXL	O70-18517	20.95
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Navy, L	O70-18511	\$12.50
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Navy, XXL	O70-18513	14.50
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Gray, XL	O70-18528	12.50
Gray, XXL	O70-18529	14.50
Gray, XXXL	O70-18530	14.50
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Dillon's 1911 Action Impact Reducers



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

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Dillon Bushing Wrench



O70-11049 \$2.50

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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.).

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Open 7-6 MST, M-F; 8-3 Sat. • VISA, MasterCard, Discover, C.O.D. • Shipping and HazMat Not Included

52 REDDING Reloading Dies & Accessories



Micrometer-Adjustable Competition Seating Dies (These are individual dies.)

Competition Pistol Seating Dies

9mm	O70-10671	\$91.95
.38 Super Auto	O70-10672	91.95
.38 Sp./357 Mag.	O70-10673	91.95
.40 S&W/10mm	O70-10674	91.95
.44 Sp./44 Mag.	O70-10675	91.95
.45 ACP	O70-10676	91.95
.45 Colt/.454 Casull	O70-10677	91.95

Competition Rifle Seating Dies

.45-70 Gov't	O70-11197	\$91.95
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Complete Three-die sets - Size, bell, seat

.32 ACP	O70-15521	\$106.00
.32-20 Winchester	O70-11906	106.00
.38-40 Winchester	O70-11838	140.00
.38-55 Win./Ballard	O70-19106	140.00
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.220 Swift	O70-12182	78.00
.22-250	O70-15761	78.00
.224 Valkyrie	O70-10316	106.00
.243 Winchester	O70-15762	78.00
.243 WSSM	O70-11193	47.95
6mm Creedmoor	O70-10315	106.00
.25-06 Remington	O70-12183	78.00
.25 WSSM	O70-11194	82.35
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.270 Winchester	O70-10822	78.00
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7mm WSM	O70-18339	64.95
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.300 AAC Blackout	O70-12550	106.00
.300 WSM	O70-15763	78.00
.300 Rem. SA UM	O70-18341	156.00
.300 RUM	O70-18342	78.00
.300 Weatherby	O70-11354	78.00
.300 Win. Mag.	O70-12046	78.00
.303 British	O70-11691	106.00
8 x 57mm Mauser	O70-09996	78.00
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Individual Dies: Neck-Size-Only Dies

.223 Remington	O70-10164	\$53.00
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.243 Winchester	O70-10172	53.00
6mm Creedmoor	O70-10317	71.00
.25-06	O70-11336	53.00
.260 Remington	O70-09993	53.00
.270 Winchester	O70-11806	53.00
7mm Rem. Mag.	O70-11392	53.00
.308 Win./7.62	O70-10165	53.00
.30-06	O70-11763	53.00
.300 Win. Mag.	O70-11108	53.00

Crimp Dies

.32 S&W/H&R Mag.	O70-11747	\$27.95
.45-70 Gov't	O70-11977	35.95

Powder Measure, Reloading Accessories

Match-Grade Model 3 BR Measure	O70-10121	\$184.00
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.50 AE	O70-14514	\$49.95
(Incl: RCBS steel size, expander, seat/crimp)		
.500 S&W	O70-11114	\$49.95
(Incl: RCBS steel size, expander, seat/crimp)		
RCBS Carbide .500 S&W Size Die only	O70-19923	\$40.95

Dillon's Bench Wrench Fits 1" Die Lock Rings



A characteristic of virtually all progressive reloading machines, regardless of brand, is that the dies are set rather close together. When you are first setting up a "naked" machine, there is plenty of wrench room, but if you have a need to adjust a die afterward, it often requires a delicate touch to maneuver a lock ring on a crowded toolhead.

Dillon Precision has addressed this in two ways. We now offer new 1" die lock rings and a 1" Bench Wrench to fit them. This combination gives much more room to

re-adjust dies after they're already mounted. The opposite end of our new wrench is a 7/16" box-end for adjusting the Powder Bar of any Dillon Powder Measure. Our new lock rings fit any standard 7/8" x 14 dies.

1" Dillon Die Lock Ring	O70-14067	\$1.60
5-Pack of Die Lock Rings	O70-10669	4.95
1" Dillon Bench Wrench	O70-10842	7.95
(Buy two or more 1" Bench Wrenches for \$7.10 each)		
Wrench/Lock Ring 5-Pack	O70-10668	9.95



Grace USA Gun Care Tool Set 53



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 **O70-10680** **\$99.95**

More Great Tools From Grace USA!

The **9-Piece Ball-End Allen Head Screwdriver Set** includes the following sizes: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", and 3.5 mm. Each is constructed of US 8650 Chromium-Vanadium steel alloy and is proudly Made in USA!

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The **7-Piece Steel Roll Pin Punch Set** includes the following sizes: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", and 7/32". Each is proudly Made in USA!

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Bondhus Hex Key Sets



Ball-end set **O70-13286** **\$12.95**
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Secure Firearms Products Recoil Spring Tester



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.

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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.

O70-15434 **\$7.95**



Grace USA Gunsmith Hammer and Punch Sets

8 oz. Brass Hammer **O70-14969** **\$14.95**
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 Brass Punches (8-Pc.) **O70-14968** **31.95**
 Steel Punches (7-Pc.) **O70-15070** **31.95**
 8 oz. Brass Hammer & 8-pc. Brass Punch Set **O70-21655** **39.95**



The **Tru-Weight Trigger Tension Scale** has a range from eight ounces to eight pounds. A unique weight indicator remains at the exact point of trigger release, making it easier to read your trigger pull pressure.

O70-14838 **\$26.95**

Barrel-Lite®

O70-10529
\$4.95



54 The National Target Company, Inc. Targets

Pistol Targets: 100 per package

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Competition 50 Foot SLOW FIRE 10.5"x12"	O70-15831	12.00
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Police B-34 (Silhouette) 25 Yard 14"x24"	O70-13163	17.00
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Competition 50 Yard SLOW FIRE 21"x24"	O70-10041	24.00
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200 Yard Rifle Repair Center 12.75"x12.75"	O70-15830	20.00

See Hit Targets 12 per package

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Target Pasters

Black, Self-Adhesive, 500 ea.	O70-16304	\$3.50
Buff, Self-Adhesive, 500 ea.	O70-16309	3.50
Brown, Self-Adhesive, 500 ea.	O70-16310	3.50
White, Self-Adhesive, 500 ea.	O70-16313	3.50
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HARTMAN MFG Target Stands

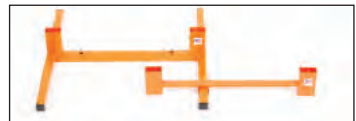


**Rugged! Portable!
Easy-to-Use!**

One Target Stand **O70-18237** **\$49.95**
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One Hostage Target Adapter (Shown below attached to Target Stand – not included. Works only with Hartman target stands.) **O70-11697** **\$26.99**



A Pair of Target Spikes

O70-11393
\$26.99

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.

O70-15773 **\$19.95**

D•WIPE Towels ESCA TECH, INC.

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 **O70-19916** **\$4.95**

D•LEAD Hand Soap ESCA TECH, INC.

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 **O70-19915** **\$2.95**



Gunslinger Spring Kits

From Lee Fisher, one of the premier "cowboy gunsmiths."

Colt & clones	O70-20510	\$26.95
Ruger Blackhawk/Vaquero	O70-20511	\$24.95
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Stoeger IGA shotgun	O70-20514	\$14.95

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 unnoticed 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 today!

O70-19495 **\$9.95**

Arredondo Accessories' Multi-Gun Chamber Flags



Made of tough nylon with a melting point of 480 degrees. Kit includes one shotgun chamber flag and one for your AR-15.

O70-15485 **\$11.95**

Elzetta

Tactical Flashlight Mounts

Every Elzetta ZFH1500 Flashlight Mount for AR15 rifles and ZSM Tactical Shotgun Flashlight Mount comes with sizing adapters, giving the mount the ability to accommodate flashlights from 0.7 to 1.05 inches (18 to 27 mm) in diameter. This includes flashlights from popular manufacturers such as InForce®, Streamlight®, Pelican®, Laser Devices®, SureFire® and of course, the Elzetta® ZFL-M60. (Sizing Adapters are not required when using an Elzetta ZFL-M60 or other 1-inch lights.) The Elzetta ZSM is made from the same advanced glass-filled polymer that has proven itself in the popular Elzetta ZFH1500.

The NEW Elzetta ZRX Tactical Flashlight Mount is made for flashlights with standard one-inch bodies and will accommodate a range from 0.94 to 1.04 inches (23.8 to 26.4 mm). This includes many popular tactical flashlights including the Elzetta ZFL-M60. The Elzetta ZRX clamping rings are made from Mil-Spec Type III Hard Anodized aluminum, the body is a glass-reinforced polymer and the hardware is steel. The ZRX weighs 1.1oz (32g).

ZFH1500 AR15 Flashlight Mount	O70-12020	\$29.95
ZSM Tactical Shotgun Mount	O70-18050	39.95
ZRX Tactical Flashlight Mount	O70-15487	35.00



ZFH1500 Flashlight Mount for AR15s

ZSM Tactical Shotgun Flashlight Mount

ZRX Tactical Flashlight Mount

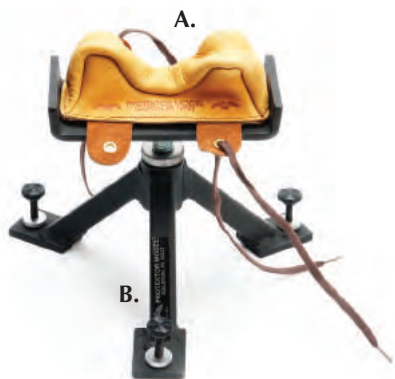
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*Sand not included.



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Become a master at using a Mil Dot reticle with this ballistic slide rule! Comes with a 24-page instruction manual.

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Viking Tactics V-TAC MK1 Sling

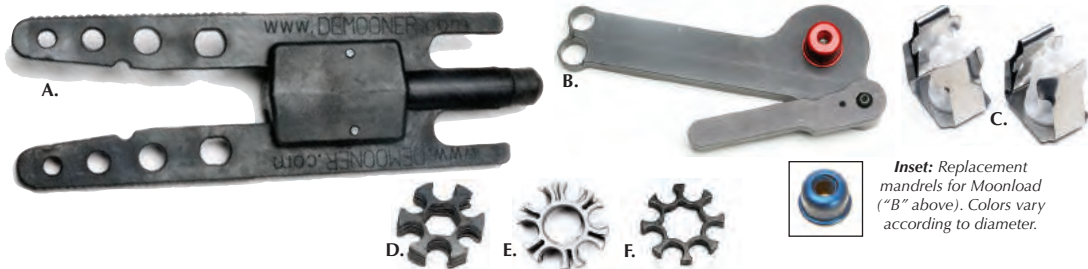


Viking Tactics' V-TAC MK1 Sling is quick, instantly adjustable to improve your shooting position, allows shooting from weak-side shoulder, secures the carbine during handgun transitions, and allows hands-free movement in difficult surroundings.

Viking Tactics Sling for CAR-15	O70-11961	\$34.95
Viking Tactics Sling for FN-FAL/HK-91	O70-11962	40.00



56 California Competition Works' Moon Clip Loading/Unloading Tools & Carriers



A. Demooner Tool	O70-18169	\$16.95	.590" Repl. MoonLoad Mandrel	O70-33400	8.00
B. MoonLoad/Unload 8-Shot .357	O70-19490	39.95	.596" Repl. MoonLoad Mandrel	O70-33401	8.00
MoonLoad/Unload 6-Shot .45	O70-19489	39.95	.620" Repl. MoonLoad Mandrel	O70-33402	8.00
(Works with #16510 8-shot EDM .38/.357 moon clips on Pg. 57)			.649" Repl. MoonLoad Mandrel	O70-33403	8.00
.483" Repl. MoonLoad Mandrel	O70-33395	8.00	C. 6-Shot Mn. Clip Holder (2 ea.)	O70-18173	17.90
.493" Repl. MoonLoad Mandrel	O70-33396	8.00	D. Blued .45 ACP Mn. Clips (10 ea.)	O70-18183	9.80
.510" Repl. MoonLoad Mandrel	O70-33397	8.00	Stainless .45 ACP Mn. Clips (10 ea.)	O70-18280	10.50
.530" Repl. MoonLoad Mandrel	O70-33398	8.00	E. 10mm Moon Clips (10 ea.)	O70-18184	11.20
.538" Repl. MoonLoad Mandrel	O70-33399	8.00	F. 8-Shot .357 Moon Clips (10 ea.)	O70-19228	19.95

North Mountain Speed Loader Holder

The North Mountain IDPA-Compliant Speed Loader Holder is made specifically for the competitive IDPA revolver shooter. Lightweight at 2.9 Oz., it firmly holds your competition speed loader. It is fitted with a Tek-Lok™ to mount to your range belt. It fits Comp III and similar-sized speed loaders.



"K-Frame" Model
O70-21900 \$35.00
 "L-Frame" Model
O70-21914 \$35.00

TK Custom Moon Clips



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Chiappa Rhino .38/.357 (10 Pk)	O70-12043	65.00
N-Frame 9/.38 ACP 8-Shot (Blue) (10 Pk)	O70-12044	39.95
L-Frame 9/.38 ACP/.40 6-Shot (Blue) (10)	O70-12057	39.95
S&W N-Frame .45 ACP 6-Shot (10 Pk)	O70-12058	19.95
S&W N-Frame .45 ACP EDM 6-Shot (10)	O70-12059	74.95
S&W L-Frame .38/.357 7-Shot (10 Pk)	O70-12065	64.95
S&W L-Frame .38/.357 6-Shot (10 Pk)	O70-12066	64.95
S&W J-Frame .38/.357 5-Shot (5 Pk)	O70-12088	32.50
S&W K-Frame .38/.357 6-Shot (10 Pk)	O70-12090	64.95
S&W N-Frame .38/.357 8-Shot EDM (10)	O70-12091	64.95
N-Fr. .38/.357 8-rd. EDM Starline ONLY(10)	O70-12092	64.95
S&W N-Frame .38/.357 8-Shot (Blue) (10)	O70-12093	39.95

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Pin-In Front Sight - \$28.00	"Classic" Slip-In Sight - \$35.00
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.250" high, green O70-18380	.250" high, green O70-18376
.300" high, red O70-18381	.300" high, red O70-18377
.300" high, green O70-18382	.300" high, green O70-18378
Pin-In Front Sight - \$44.95	"Classic" Slip-In Sight - \$44.95
.250" high, Gold Bead O70-18565	.250" high, Gold Bead O70-18567
.300" high, Gold Bead O70-18566	.300" high, Gold Bead O70-18568

W.C. Wolff Co. Revolver Springs

(Hammer/Trigger Return Springs)
 Ruger GP-100

O70-11367	\$10.50
SP-101 O70-12598	9.50
S&W J Frame	
O70-12189	9.00

(Mainspring/Rebound Springs)
 S&W K,L,N (standard)

O70-15073	\$15.00
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S&W K,L,N (reduced power)
O70-15072 **15.00**

Jerry Miculek Competition Grips



S&W N-Fr. Rd. Butt	O70-11324
N-Fr. Sq. Butt	O70-11325
K, L-Fr. Rd. Butt	O70-11327
K, L-Fr. Sq. Butt	O70-11326

\$79.95



Apex Tactical Specialties

S&W J-Frame Duty/Carry Spring Kit	O70-14309	\$25.95
S&W Revolver Frame-Mounted Firing Pin	O70-21888	15.95



Hogue Competition S&W Revolver Thumb Latch fits K, L, and N-Frames
 Stainless **O70-19921 \$59.95**

Hogue "Big Butt" Grips



S&W N-Fr. Rd. Butt	O70-12141
K, L-Fr. Rd. Butt	O70-12140





TUFF PRODUCTS QUICKSTRIPS

TUFF QuickStrips are available for a variety of revolver calibers from .17 HM2 to .500 Linebaugh.

\$8.50 for a package of 2.

- | | |
|------------------------------------------------------|-----------|
| .22 LR-Mag./17HM2-HMR (10 rd.) | O70-11737 |
| .32/.327/9mm (8 rd.) | O70-11738 |
| .38/.357/.40/10mm (5 rd.) | O70-11740 |
| .38/.357/.40/10mm (6 rd.) | O70-11741 |
| .38/.357/.40/10mm (7 rd.) | O70-27083 |
| .38/.357/.40/10mm (8 rd.) | O70-11742 |
| .41Mag./45 ACP (6 rd.) | O70-11748 |
| .45 Auto Rim (6 rd.) | O70-11751 |
| .44 Sp.-Mag./45 Colt/.460 S&W/.410 Shotshell (6 rd.) | O70-11750 |

California Competition Works⁵⁷ .22 LR Speedloader



California Competition Works' 10-Round Speedloader for S&W Model 617 .22 LR Revolvers is ideal for Steel Challenge or Ruger Rimfire Series competition. The speedloaders are machined from 6061 T6 aluminum, then black anodized. The Loading Block (inset photo) is CNC machined from polymer and holds 120 rounds of .22 LR ready for insertion into speedloaders.

- | | | |
|----------------------------------|-----------|---------|
| CCW Model 617 Speedloader | O70-12623 | \$34.95 |
| Model 617 Speedloader Handle | O70-43385 | 10.00 |
| CCW .22 LR 120 Rd. Loading Block | O70-12627 | 49.95 |
| CCW .22 LR 240 Rd. Loading Block | O70-12599 | 100.00 |

North Mountain Moon Clip Holder



I've tried several methods of holding my moon clips, and this works best for me! My hand only has to go to one place, so I no longer grope around frantically for my reloads. — Mark Pixler

N-Frames & 7-Shot L-Frames O70-21883 \$130.00

Stainless EDM 8-Shot Moon Clips



These .025 EDM Stainless Moon Clips are designed to fit Remington brass **SNUGLY**, eliminating nasty "cartridge flop" when you reload.

\$59⁹⁵
O70-16510
Sold in Packages of 10
for 8-Shot S&W
627 Revolvers

Safariland Competition Gear for Revolver Enthusiasts



- | | |
|------------------------------|-----------|
| 002 "Cup Challenge" | \$69.95 |
| 6" S&W K,L,N; Std. bbl. | O70-17788 |
| 333 "Speedloader Holder" | \$34.95 |
| S&W K-Frame | O70-12411 |
| S&W L-Frame | O70-13087 |
| "Competition Speedloaders" | \$19.95 |
| S&W K-Frame | O70-13224 |
| S&W L-Frame | O70-13117 |
| Revolver "Speedloaders" | \$11.95 |
| S&W J-Frame (5-Shot) | O70-12405 |
| S&W K-Frame | O70-13104 |
| S&W L-Frame | O70-13074 |
| "Speedloader" Holders | \$9.95 |
| Sm./Med. Fr. | O70-10340 |
| "Speedloader Loading Blocks" | \$24.95 |
| S&W K-Frame | O70-12262 |
| S&W L-Frame | O70-12878 |

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58 Performance Parts for Your GLOCK® Firearm



GLOCK® Factory Original Parts:

A. Extended Mag Release (Small Frame)	O70-18569	\$9.95
B. Extended Slide Release	O70-18570	19.95
C. Striker Cups (The ones you always lose.)	O70-19325	4.95
D. Striker Channel Liner	O70-18881	9.95
Lone Wolf Distributors' Parts for GLOCK firearms:		
E. Extended Mag Release (Large Frame)	O70-19115	4.99
F. Extended Take-Down Lever	O70-19114	9.95
G. 3.5# Trigger Stop Connector	O70-16501	14.95
Extended Slide Stop	O70-22299	15.99

Wolff Spring Co. Parts for GLOCK firearms:

Competition Spring Set	O70-11524	\$9.95
Trigger Return Spring 3-Pack	O70-11818	7.99
X-Tra Power Trigger Rtn. Spr. 3-Pk.	O70-15558	7.99
Guide Rod, GLOCK 17, 22, 31	O70-11356	24.95
Guide Rod, GLOCK 19, 23	O70-11435	24.95
Guide Rod, GLOCK 20, 21	O70-11352	24.95
Recoil Spring, 12#	O70-11420	7.99
Recoil Spring, 14#	O70-11418	7.99
Recoil Spring, 15#	O70-11419	7.99

BUTTON RIFLED, THREE-STAGE HONED BORE



DESIGNED FOR LEAD, PLATED, OR JACKETED AMMUNITION



Lone Wolf Distributors' AlfaWolf Replacement Barrels

GLOCK 17 9mm Barrel (Black)	O70-43350	\$139.95
GLOCK 19 9mm Barrel (Black)	O70-43352	139.95
GLOCK 22 .40 S&W Barrel (Black)	O70-43354	139.95
GLOCK 22/31 9mm Conv. Bbl. (Black)	O70-43356	139.95
GLOCK 23 .40 S&W Bbl. (Black)	O70-43358	139.95
GLOCK 23/32 9mm Conv. Bbl. (Black)	O70-43359	139.95
GLOCK 26 9mm Barrel (Black)	O70-43361	139.95
GLOCK 27/33 9mm Conv. Bbl. (Black)	O70-43363	139.95

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GLOCK 17 9mm 1/2"x28 Bbl. (Black)	O70-43351	159.95
GLOCK 19 9mm 1/2"x28 Bbl. (Black)	O70-43353	159.95
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GLOCK 26 1/2"x28 Bbl. (Black)	O70-43362	159.95

All AlfaWolf barrels are proudly made in the USA.

Arredondo Accessories Mag-Cleaning Brush



Arredondo Accessories' Magazine-Cleaning Brush is ideal for that little job we all dread (avoid?!). No excuse, Sir!
O70-19257 \$11.95



Lone Wolf Distributors' Ultimate Adjustable Trigger
 9mm/.40 Cal. GLOCK **O70-43375 \$74.95**
 10mm/.45 ACP GLOCK **O70-43376 74.95**



Lone Wolf Distributors' Slide-Completion Kit

9mm GLOCK	O70-43367	\$84.95
.40 Cal. GLOCK	O70-43366	84.95
10mm GLOCK	O70-43364	84.95
.45 ACP GLOCK	O70-43365	84.95

Lone Wolf Polymer Magazine Dissassembly Tool

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STUL Slide Removal Tool

Fits All GLOCK® Models

Engages the slide lock and provides a mechanical advantage making slide removal easier and faster. For those with large fingers, small fingers, tired fingers, anyone looking for a way to simplify the removal of your GLOCK® slide. **O70-19527 \$11.95**



California Competition Works 59

Enlarged Magwells for GLOCK® Pistols



GLOCK® 17, 19, 22, 23 **O70-12523 \$46.00**
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THE PLUG



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For Gen 4 GLOCKS w/o Backstrap
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 Models 20,21,41 **O70-12180**
 Models 26,27,33 **O70-60900**
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GTUL



GLOCK® Mags



Cleaning your GLOCK® magazines has never been easier! GTUL has developed an integrated system to disassemble and clean all GLOCK® magazines without marring, gouging, or damaging the metal liner. Quickly removes dirt, dust, powder residue and grime!
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 G-22 **O70-11958 39.95**
 G-23 **O70-11960 39.95**
 33-Rd. 9mm **O70-18806 39.95**
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Grip extensions do not alter mag. capacity.
 GLOCK® 26/27 **O70-10346**
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 Kel-Tec P11/Taurus PT111 **O70-18586**
 Springfield XD (9mm/.40 only) **O70-18587**
 Springfield XD-S **O70-15286**
Mag. extensions add additional capacity.
 GLOCK® 10mm/.45 ACP (+2) **O70-18589**
 G27/33 (+1) **O70-18590**

Arredondo Accessories

+5 Mag Extension for MagPul PMAG 17 GL9

O70-33404 \$23.95



MAGPUL Magazines for GLOCK® Pistols



The PMAG® 15 GL9™, PMAG® 17 GL9™, PMAG® 21 GL9™ magazines hold 15, 17 and 21 9mm Parabellum rounds respectively. *Note: Will not accept aftermarket floorplates designed for GLOCK® factory magazines. Instead, MagPul offers the GL L-PLATE™ Overmolded extension for GL9™ pattern PMAGs®. Note: Does not increase capacity.*

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 PMAG 15 GL9 **O70-20950 15.95**
 PMAG 21 GL9 **O70-43399 19.95**
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60 HOGUE®

Laser Enhanced (LE) Grips

Want immediate gains in your confidence when handling your 1911? Follow the red dot! Hogue's new laser-enhanced grip for your classic 1911 will dramatically improve your accuracy and speed in any defensive or competitive scenario. Designed, engineered and hand-made in America, proudly wearing the Hogue name, your new LE Grip will make almost every kind of shooter – including you – better and faster. Period. Also available for J-Frame Smith & Wesson revolvers.



LE 1911 Grip, Black **O70-43243 \$189.95**
 LE J-Frame S&W Grip, Blk. **O70-43244 189.95**

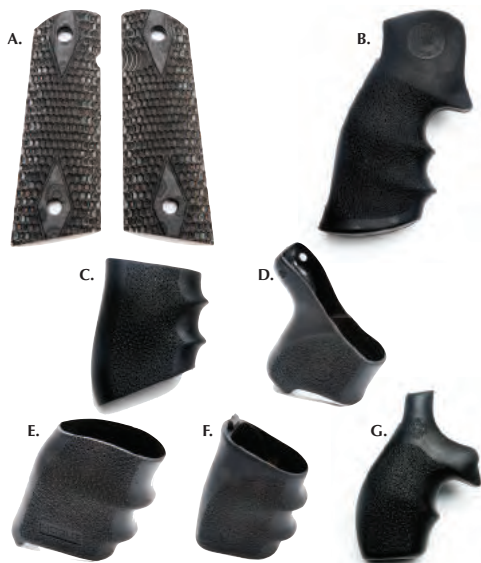


Hogue Rubber OverMolded® AK-47/74 Handguard Kits
 (K.) Standard Russian/Chinese Rifles **O70-14556 \$49.95**
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The ERGO Grip Delta Grip™ is the first truly ergonomic grip for J Frame revolvers. Designed for the most important part of the gun, the shooter, the Delta Grip was engineered to fit the natural point of aim and mechanics of the human hand, wrist and arm. The result is a grip with a superior natural point of aim, comfort and control. Fits round butt J-Frames. Will not fit on Smith and Wesson Bodyguard 38 Model (sku 103037 and 103038).

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Colt Python	O70-12138	\$26.95
(B.) K, L-Frame Square Butt	O70-12786	26.95
N-Frame Square Butt	O70-12145	26.95
N-Frame Round Butt	O70-18100	26.95
X-Frame (also fits N-Fr. Round Butt)	O70-10181	29.95
Hogue Round Butt Monogrips		
Ruger SP-101	O70-14833	\$26.95
S&W J-Frame Round Butt	O70-12277	26.95
K, L-Frame Round Butt	O70-12549	26.95
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(C.) HandAll	O70-14463	\$9.95
The Hogue HANDALL™ Hybrid Grip Sleeve		
(D.) Ruger LCP .380 Auto	O70-14477	\$10.95
(E.) Springfield XD 9mm/.40	O70-14478	10.95
(F.) Smith & Wesson M&P 9mm/.40	O70-14479	10.95
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(G.) S&W J-Frame Round Butt	O70-11054	\$26.95
K, L-Frame Round Butt	O70-11055	26.95
Hogue Hex Head 1911 Grip Screws (Four-screw set).		
Blue	O70-15723	\$8.99
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Clip-Grip®

This replaces the grips on S&W J-Frame round butt revolvers. A hook on the right grip panel functions as stopping point for the revolver when tucked into your waistband.

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Powder River Precision, Inc: Perfecting Your XD/XDm



Powder River Precision X-Treme Grips: CNC Laser Cut 360° Grip Enhancement for your XD/XDm, made of high-quality adhesive-backed traction tape.

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X-Treme Grips, XDm 9/40 (Sand)	O70-15230	16.95
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X-Treme Grips, XD 9/40 (Sand)	O70-15232	14.95
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XD 9/40 Drop-In Trigger Kit	O70-15228	125.00
XD 45 Drop-In Trigger Kit	O70-15227	125.00
XD Mod 2 Trigger Kit (4" & 5" only)	O70-33371	125.00
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Apex Tactical Specialties Parts



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S&W M&P Aluminum Flat-Faced, Forward-Set Sear & Trigger Kit
O70-77786 \$169.95



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M&P 45 O70-21892 \$41.95



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O70-21890 \$35.95



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O70-21891 \$25.95



S&W SD Polymer Action Enhancement Trigger
O70-77789 \$39.95



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S&W Sigma Spring Kit
O70-77788 \$20.95



GLOCK Action Enhancement Trigger
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GLOCK Ultimate Safety Plunger
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62 SHOOTING TIP: MASTER THE USE

Counter-rotational force causes the heels of the hands to mate tightly, giving firm pressure 360 degrees around the grip.

*Brian Enos' hands,
photo by Nidaa A.*



By Duane Thomas

For many people, shooting fast versus shooting accurately is a very real choice they have to make. While they might be able to post tight groups when they're taking all the time in the world to do it, when they up the speed their groups start looking like long-range shotgun patterns. What is happening there? The truth is their technique is weak. There can be many areas of weakness in a shooter's freestyle platform, but one of the most common is in the area of grip.

Let's begin by nailing down what we want the way we grip a handgun to accomplish. When we fire the gun, we want to be able to track our sights through their entire arc of recoil. I'm not saying there aren't targets that are so close, and large, and easy, that once we have a solid index we can just point the gun at the target, and we can hit, we don't even need to use the sights. But in general, if we want to hit, we need to use the sights to aim. It will be a lot easier to stay on the sights, continuously, visually, if, when we fire the gun, the sights **JUST DON'T MOVE VERY MUCH AND COME RIGHT BACK TO THE SAME SPOT.** If we can get that happening, visually monitoring the sights becomes easy.

We always talk about "muzzle flip," but let's think about what has to happen in order for the front of the gun to flip up. Really, what that means is we're letting the gun butt move in our hands. In order for the muzzle, and the sights, to

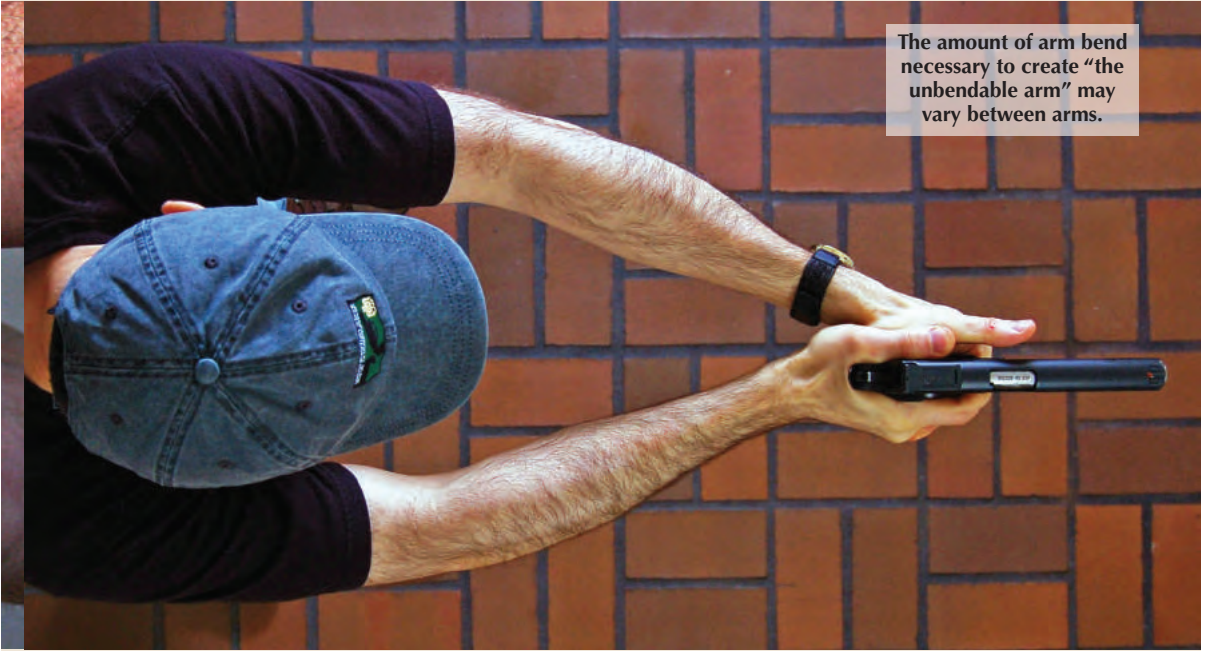
flip, the grip tang has to move downward, the backstrap has to move backward at the top and forward at the bottom, and the bottom of the frontstrap has to move forward and up. In order to prevent all that from occurring, we need to build a ledge under the grip tang that blocks it from moving downward; we need to build a wall behind the backstrap that prevents it from moving backward at the top and forward at the bottom; and put a C-clamp around the frontstrap, especially the bottom of the frontstrap, that stops it from moving forward and up. If we can prevent the gun butt from moving, at least as much as humanly possible, the front of the gun will stop moving, too.

We all know to get high up on the gun with our thumbs pointed forward, rotate our support hand wrist forward, and lock the tendons in our wrists. But after that, there's still one last thing we can do that will cause our grip to lock immovably into place. That is to put counter-rotational force into our grip.

Imagine with me you've wrapped your left hand around a bottle cap, and you're going to unscrew it by turning your hand counterclockwise. Then imagine you've wrapped your right hand around the bottle cap and you're going to tighten it by turning your hand clockwise. Now imagine you've put both hands on the bottom cap, master hand first, then wrap the support hand around that, and you simultaneously crank clockwise with



OF (COUNTER-ROTATIONAL) FORCE 63



The amount of arm bend necessary to create “the unbendable arm” may vary between arms.

your right hand, counterclockwise with your left hand, and you try to turn it in both directions AT THE SAME TIME. What would happen, with your hands turning into each other simultaneously, is the bottle cap wouldn't even move. Because with counter-rotational force, circular force, applied, the bottle cap can't turn one way, it can't turn the other way, what happens is you wind up gripping it really hard, and it can't turn at all.

You're beginning to understand where this is going, right? Flag your master hand thumb high to open up the side of the grip panel, especially the rear of the grip panel, get the heel of the support hand, as much as possible, in behind the grip, rotate your support hand wrist forward, point your thumbs at the target, lock the tendons in your wrists, your forearms, your elbows, all the way down your arms, then crank one way with your master hand, the other with your support hand, apply counter-rotational force to the grip. When you do that, it will drive the web of the master hand HARD up under the grip tang, building the ledge we need to prevent it from moving downward. This will cause your fingers to lock into place really hard around the frontstrap, preventing it from moving forward and up. It will mate the heels of your hands together behind the backstrap, preventing it from moving as well.

There's a theoretical concept in martial arts called “the unbendable arm.” When our arm is locked out straight, it loses power and becomes

easy to move around. When it's bent too much, it collapses really easily. Perform the following with me: make a fist, stick your arm out, lock your elbow, and then try to move your arm around. It's very obvious, up, down, left, right, the arm moves really easily. Begin applying progressively more bend to your elbow, testing by pressing on the front of your fist. In short order you'll find that, with a very particular amount of arm bend, suddenly your arm stops moving, the tendons just lock up. Do this for both arms; the amount of flexion necessary to give you the unbendable arm might, or might not, vary between your two arms. If so, don't worry about it, it doesn't matter. Now just take the amount of arm bend it takes to give you the unbendable arm, with both arms, and apply counter-rotational force to the handgun grip using that arms position.

I suggest you go to my website, Self-Defense-Handguns.com, click on the Videos tab at the top of the Home page, and watch my video on grip, where I talk about this more in-depth than I have space for in this article, and demo building the shooting grip. (By the way, if you follow that link to YouTube, you can Like, Comment, Subscribe, all that good stuff.) Once you get this technique down, it hugely reduces muzzle flip. You'll find that tracking the sights in recoil is EASY when they don't move very much, and come right back to the same spot. And suddenly, “fast OR accurate” is not a decision you have to make any longer.





64 Dillon Ammunition Boxes

Description	Stock #	Each	10 ea.	Case(Qty.)
9mm (50 rd)	O70-13784	\$1.58	\$13.50	\$58.00(50)
9mm (100 rd)	O70-13645	1.81	15.40	66.00(50)
.38/.357 (50 rd)	O70-13476	1.79	14.70	63.00(50)
.38/.357 (100 rd)	O70-13766	2.20	18.80	80.50(50)
.44 (50 rd)	O70-13568	1.79	15.30	65.50(50)
.44 (100 rd)	O70-13680	2.92	24.90	106.50(50)
.45 ACP (50 rd)	O70-13715	1.73	14.70	63.00(50)
.45 ACP (100 rd)	O70-13574	2.83	24.20	103.50(50)
Small Rifle (50 rd)	O70-13740	2.05	17.50	75.00(50)
Medium Rifle (20 rd)	O70-13625	2.05	17.50	120.00(80)
Medium Rifle (50 rd)	O70-13665	2.90	24.70	106.00(50)
Large Rifle (20 rd)	O70-13647	2.01	17.20	73.50(50)
Large Rifle (50 rd)	O70-13231	3.20	27.30	117.00(50)

NOTE: ".38" series cases fit .38 Super, .32-20, .30 Carbine and .30 Mauser; "9mm" series cases fit .30 Luger, 9 x 21 and .380; ".44" series cases fit .41 Mag, .44-40 and .45 Colt; and ".45" series cases fit 10 mm and .40 S&W. "Small rifle" cases fit .222, .223 to 7.62 x 39 length; 20 round "medium rifle" cases fit 7.62 x 39, .22-250 to .30-06 length; 50 round "medium rifle" cases fit .22-250, .308 to .30-30 length; and "large rifle" cases fit .30-06, 8 x 57 length to all belted cartridges.

Extra Loading Data Labels, O70-10446, Package of 100, \$6.95



Try a few of Dillon's heavy-duty, lightweight plastic ammo boxes. If you're like us, you're tired of crumbling styrofoam and cardboard boxes held together with layers of tape. These boxes are perfect for range or field use. Designed to keep out dirt, dust and rain.

Dillon AkroBins

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/XL650 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	O70-13756	\$2.95	\$15.30	\$24.84
"RL 550/XL 650" Bin	O70-13839	2.95	15.30	24.84
"RL 1050" Bin	O70-13484	6.95	34.92	61.92
"SL 900" Bin	O70-17125	10.50	56.94	106.92

Dillon Utility Boxes

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	O70-13636	\$2.65	\$10.95
Large Utility Box	O70-17195	5.75	23.95



Berry's Manufacturing Ammo/Storage Boxes

Description	Stock #	Each	10 ea.	50 ea.
.500 S&W (50 rd)	O70-19243	\$2.98	\$22.40	\$97.00
NOTE: .500 S&W Ammo Boxes also fit .223/.243/.308 WSSM				
.454 Casull (50 rd)	O70-19244	2.98	22.40	97.00
.45/70 (50 rd)	O70-19245	3.29	24.20	105.00
7.62 x 54R (50 rd)	O70-19247	3.50	25.50	110.50
.300 Ultra (50 rd)	O70-19246	3.50	25.50	110.50
20 Ga. (25 rd)	O70-19248	2.24	16.80	72.50
12 Ga. (25 rd)	O70-19249	2.24	16.80	72.50
Storage Boxes				
4-3/8" x 2" x 1-5/8"	O70-19250	\$1.12	\$8.40	\$36.50
4-1/2" x 4-1/2" x 1-5/8"	O70-19251	2.32	17.40	75.50
5-1/2" x 2-5/8" x 2-1/2"	O70-19252	2.22	16.70	72.00



Swab-its – A Swab for Every Job! ⁶⁵



No s#!+, there I was...in my office, cleaning my 686 SSR when the boss walks in with that "whisky-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 reusable.

.22/5.56mm (6 ea.)	O70-15310	\$4.98
.243/6mm (6 ea.)	O70-15311	4.98
.307/6.2mm (6 ea.)	O70-15312	4.98
.357/9mm (6 ea.)	O70-15313	4.98
.40/10mm (5 ea.)	O70-15314	4.98
.45 Caliber (5 ea.)	O70-15315	4.98
20 Gauge (3 ea.)	O70-15326	8.98
12 Gauge (3 ea.)	O70-15325	8.98
Multi Pack: (6) .22/5.56, (6) .307/6.2, (6) .357/9mm, (5) .40/10mm, (5) .45		
	O70-43312	26.99



Gun-tips® 3" Precision Tip foam swabs are reusable. 24-count value pack.
O70-15345 \$9.99

Gun-tips®



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.

O70-12583 \$9.99

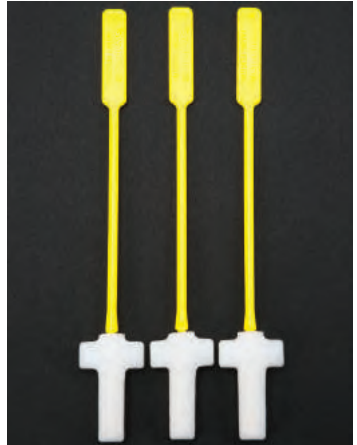
Bore-Whips™



Bore-Whips™ .17 and .22 caliber (pictured) by Swab-its® are ideal for air rifles, rimfires or any other .17 or .22 caliber firearm that's difficult to clean from the breach. The foam tips are reusable and the handle functions as an empty chamber indicator.

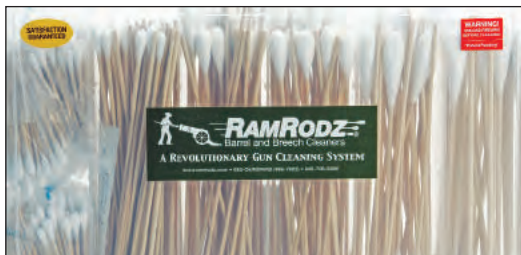
.17 Cal.	O70-12689	\$9.99
.22 Cal. (Pictured)	O70-12690	9.99

Star Chamber



Star Chamber Cleaning Foam Swabs™ are for AR-15, M4 and similar MSRs. 3-pack
O70-10056 \$13.99

Ram Rodz Barrel and Breech Cleaners



Ram Rodz Barrel & Breech Cleaners

.22 Caliber/5.56mm, 300 count	O70-43289	\$12.95
.38 Caliber/9mm, 200 count	O70-43290	12.95
.40 Caliber/10mm, 100 count	O70-43291	12.95
.45 Caliber, 75 count	O70-43292	12.95

The RamRodz® Range Kit comes with 400 Breech Cleaners, 100 .22-Caliber swabs, 60 .38-Caliber swabs, 50 .40-Caliber swabs, 40 .45-Caliber swabs and 30 .50-Caliber swabs.

O70-43293 \$34.95

Open 7-6 MST, M-F; 8-3 Sat. • VISA, MasterCard, Discover, C.O.D. • Shipping and HazMat Not Included

66 New Products from Slip 2000

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. O70-19237 \$19.95



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.

16 Oz. O70-19234 \$19.95



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

O70-11652 \$22.95



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.

O70-11676 \$18.95

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. O70-11644 \$16.95



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. O70-11645 \$19.95



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. O70-11646 \$10.95



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 O70-11674 \$11.95



Lyman Pick & Brush Set



Lyman's Pick & Brush Set is an indispensable item for your cleaning supplies and range bag.

O70-40160 \$3.99



TW25B 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 O70-15732 \$10.99
1.5 Ounces O70-15731 14.50

Revolver BLAST with TW25B is an all-synthetic lubricant/protectant specifically designed for revolvers.

4.2 Oz. Aerosol O70-66677 \$11.95



E-Z Brite Wonder Cloth



On gun dealers shelves since 1976, this product is still a must for keeping stainless steel and nickel-finished revolvers looking like new. Demand the original lead and carbon wipe!

E-Z Brite Cloth O70-18613 \$7.99



J. Dewey Manufacturing Co. 67



DEWEY Nylon Coated Cleaning Rods

All Caliber Pistol 6"	O70-15461	\$19.95
(.22-.26 Jag Adapter for All Caliber 6" rod)	O70-19894	3.25
(.27 & up Adapter for All Caliber 6" rod)	O70-19895	3.25
.22-.26 Caliber Pistol 12"	O70-12985	23.95
.17 Caliber Rifle 26"	O70-11472	22.95
.17 Caliber Rifle 36"	O70-11473	25.95
.22-.26 Caliber Rifle 36"	O70-13084	26.95
.22-.26 Caliber Rifle 44"	O70-15462	25.95
(.22-.26 Jag Adapter for Rifle rod)	O70-14542	2.25
.27 Caliber and up Pistol 12"	O70-13021	23.95
.27 Caliber and up Rifle 36"	O70-12991	24.95
.27 Caliber and up Rifle 44"	O70-15463	25.95
.35 Caliber and up Rifle 36"	O70-17096	29.95
.35 Caliber and up Rifle 44"	O70-17097	29.95
(.27 & up Adapter for Rifle rod)	O70-14541	2.25
Shotgun Rod (Uncoated Brass)	O70-10473	24.95
2-pc Shotgun Rod	O70-15464	31.99

Brass Jags (Note: These jags ONLY fit Dewey Cleaning Rods!)

.22 Caliber Brass Jag	O70-10026	\$2.99
.24 Caliber Brass Jag	O70-10027	2.99
.27 Caliber Brass Jag	O70-10025	2.99
.30 Caliber (and up) Brass Jag	O70-10867	2.99
.38 - .41 Cal. Brass Jag	O70-10028	2.99
.44 - .45 Cal. Brass Jag	O70-10243	2.99

Brass Patch Loop

Accepts most pistol and rifle patches **O70-10737 \$2.25**

.17 Caliber Bore Brushes

.17 Caliber Rifle/Nylon (ea.)	O70-11475	\$1.95
.17 Caliber Rifle/Bronze (ea.)	O70-11474	1.95

Nylon Bore Brushes

.22 Caliber Rifle (ea.)	O70-16144	\$1.95
.243 Caliber Rifle (ea.)	O70-16145	1.95
.270 Caliber Rifle (ea.)	O70-16146	1.95
.30 Caliber Rifle (ea.)	O70-16147	1.95
.22 Caliber Pistol (ea.)	O70-16302	1.95
.38 Caliber Pistol (ea.)	O70-16148	1.95
.40 Caliber Pistol (ea.)	O70-16149	1.95
.45 Caliber Pistol (ea.)	O70-16150	1.95

Bronze Bore Brushes

.22 Caliber Rifle	O70-16278	Each/\$1.50	5 pack/\$5.50
.25 Caliber Rifle	O70-16293		O70-22094
.243 Caliber Rifle	O70-16280		O70-22091
.270 Caliber Rifle	O70-16274		O70-22085
.30 Caliber-7.62mm Rifle	O70-16273		O70-22084
.35 Caliber Rifle	O70-16281		O70-22092
.44-.45 Caliber Rifle	O70-16279		O70-22090
.22 Caliber Pistol	O70-16282		O70-22093
.38 Caliber-9mm Pistol	O70-16275		O70-22086
.40-.41 Caliber-10mm Pistol	O70-16276		O70-22087
.44-.45 Caliber Pistol	O70-16277		O70-22088

Cotton Mops

.22-.27 Caliber (ea.)	O70-17089	\$1.95
.30-.38 Caliber (ea.)	O70-17090	1.95
.400-.450 Caliber (ea.)	O70-17091	1.95
16, 12 & 10 Ga. Shotgun (ea.)	O70-17094	1.95

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

Breech Rod Guide	O70-10149	\$20.00
AR-15 Chamber Cleaning Brush	O70-11299	\$3.50

Deluxe M-16/AR-15 Lug Recess Cleaning Kit

Lug Recess Cleaning Kit **O70-18533 \$27.95**

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

Bolt Action Rifle Cleaning Rod Guides

All models fit .695-.700 bolt diameter rifles.		
.17-.222, .225, .22/250, .220 Swift	O70-14196	\$18.95
.243 Caliber - 7mm	O70-14197	18.95
.30 Caliber	O70-14198	18.95
.338 Caliber	O70-14199	18.95

Muzzle Guards

AR-15/M-16	O70-16875	\$10.95
M1-A/M-14	O70-16876	10.95
M1 Garand	O70-16878	10.95
Ruger 10-22 Standard Bbl.	O70-16877	10.95
Ruger 10-22 Bull Barrel	O70-16879	10.95
Brass Muzzle Guard, .30 Cal.	O70-17245	10.95

Nylon Gun Parts Cleaning Brush

Parts cleaning brush **O70-16389 \$2.25**

Cleaning Patches

<i>Packages of 1000</i>		
.17 cal.	O70-11807	\$12.95
.22-.24	O70-11808	14.95
<i>Packages of 500</i>		
.24-.27	O70-11809	\$11.95
.30-.35	O70-11810	13.95
<i>Packages of 250</i>		
.38-.45	O70-11811	\$11.95
12-16 ga.	O70-11812	13.95



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 **O70-15571 \$7.95**
 Slide-Glide Lite **O70-15572 7.95**



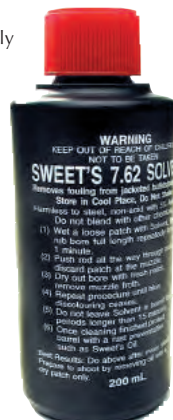
Microlon UltraBlue protects, penetrates and lubricates all surfaces. UltraBlue is in use by the US Army Marksmanship Training Unit, the US Army Pistol and Rifle Teams and the US Marine Corps Pistol and Rifle Teams.

O70-75125 \$9.95

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. If you shoot a rifle, you ought to try cleaning it with Sweet's.

O70-13128 \$12.95





68 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 **O70-18602 \$44.95**
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 **O70-12027 \$34.95**
C. ETM (10 rd) 9mm **O70-19463 \$34.95**
Wilson Combat Magazines – "No other .45 magazine on the market can compare for proven inherent reliability, durability and the ability to remain fully loaded for long periods of time without damage."
D. Match Magazine (7 rd) .45ACP **O70-10505 \$32.95**

E. WIL-ROG Mag (8 rd) .45ACP **O70-11714 \$2.95**
F. Officers Match Mag. (7 rd) .45ACP **O70-10506 \$2.95**
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 **O70-18150 \$37.05**
Wilson SHOK-BUFF® – A 1/10" thick poly fiber buffer between the frame and slide contact areas.
H. SHOK-BUFF Kit (2 buffers, 18.5# recoil spring) Gov't Model **O70-18148 \$5.95**
I. SHOK-BUFF Buffer only (6 ea.) **O70-18147 \$6.95**

WOLFF GUNSPRINGS



Wolff RECOIL SPRINGS
BROWNING HI-POWER
 18.5 Pound **O70-11373 \$7.25**
COLT GOVERNMENT MODEL
 9 Pound **O70-11719 \$7.25**
 10 Pound **O70-12193 7.25**
 12 Pound **O70-12007 7.25**
 13 Pound **O70-12443 7.25**
 14 Pound **O70-12338 7.25**
 16 Pound (Std.) **O70-11860 7.25**
 17 Pound **O70-12192 7.25**
 18.5 Pound **O70-12465 7.25**
 20 Pound **O70-12056 7.25**

23 Pound **O70-11377 7.25**
COLT OFFICERS MODEL
 24 Pound **O70-12110 \$7.25**
CZ 75B
 9 Pound **O70-19348 \$7.98**
 10 Pound **O70-19349 7.98**
 11 Pound **O70-19350 7.98**
 12 Pound **O70-19351 7.98**
 13 Pound **O70-19352 7.98**
 14 Pound (Std.) **O70-19353 7.98**
SMITH & WESSON M&P
 12 Pound **O70-19356 \$7.98**
 14 Pound **O70-19357 7.98**
 15 Pound **O70-19358 7.98**
 16 Pound (Std.) **O70-19359 7.98**
SPRINGFIELD 5" 9/40 XD
 12 Pound **O70-19339 \$7.98**
 13 Pound **O70-19340 7.98**
 14 Pound **O70-19341 7.98**
 15 Pound **O70-19342 7.98**
 16 Pound **O70-19343 7.98**
 17 Pound (Std.) **O70-19344 7.98**
SPRINGFIELD 5" 45 XD
 14 Pound **O70-19345 \$7.98**
 16 Pound **O70-19346 7.98**
 18 Pound **O70-19347 7.98**
SPRINGFIELD 4.5" 9/40 XDM
 14 Pound **O70-19336 \$7.98**
 16 Pound **O70-19337 7.98**
 18 Pound (Std.) **O70-19338 7.98**
Wolff GUIDE RODS
 S&W M&P **O70-19354 \$24.95**
 Sp'fild XDM 4.5 **O70-19355 24.95**
Wolff HAMMER SPRINGS
 1911 **O70-11511 \$9.00**
Wolff MAG CATCH SPRINGS
 1911 **O70-11791 \$9.95**

SPRINGFIELD Magazines/1911 Guide Rod



Springfield XD & XDM Magazines
 16-Rd. XD 9mm **O70-11586 \$31.95**
 12-Rd. XD .40 **O70-11587 31.95**
 13-Rd. XD Comp. 9mm **O70-11765 29.95**
 9-Rd. XD Comp. .45 **O70-11764 29.95**
 13-Rd. XD/XDM .45 **O70-11585 32.95**
 19-Rd. XDM 9mm **O70-15496 36.95**
 7-Rd. XD-S 9mm **O70-19681 28.95**
 8-Rd. XD-S 9mm **O70-11731 39.95**
 9-Rd. XD-S 9mm **O70-19680 39.95**
 16-Rd. XDM .40 **O70-19971 36.95**
 5-Rd. XD-S .45 **O70-15234 28.95**
 6-Rd. XD-S .45 **O70-11730 39.95**
 7-Rd. XD-S .45 **O70-15235 39.95**
Two-Piece 1911 Recoil Spring Guide Rod – Machined from stainless steel.
O70-15724 \$24.95

ADCO SUPER THUMB®

Offers models for popular centerfire pistols and 10/22 style magazines.
ST1 is for 9mm and .40 caliber Beretta, Browning, Ruger, SIGARMS, S&W, etc. In addition, the ST1 has interior rails and grooves to accommodate Colt Government magazines.
O70-18607 \$10.95
ST2 is for GLOCK and Para-Ordnance magazines.
O70-18608 \$10.95
ST3 handles virtually all centerfire, single-column magazines.
O70-18609 \$10.95
ST22 is for Ruger 10/22 rifles.
O70-18610 \$10.95
STJR is for Ruger, Browning, Colt and High Standard .22 pistols.
O70-18611 \$3.50





Mec-Gar Pistol Magazines

NEW Plus-2 Adapter, fits mags in red	O70-62207	\$9.95
Beretta 92 18-rd. AFC*	O70-18728	25.95
Beretta 92 20-rd. AFC*	O70-18729	29.95
Browning HP 15-rd. Blue	O70-18730	25.95
1911 8-rd. .45 ACP Blue	O70-43406	25.95
1911 8-rd. .40 S&W Blue	O70-43405	24.95
1911 8-rd. 10mm Blue	O70-43404	24.95
1911 9-rd. 9mm Blue	O70-43403	24.95
1911 10-rd. 9mm Blue	O70-43402	29.95
1911 11-rd. .45 ACP Blue	O70-18732	24.95
CZ-75B 19-rd. AFC*	O70-14989	29.95
Para P-14 14-rd. Blue	O70-18733	23.95
Para P-16 15-rd. Blue	O70-18734	23.95
Para P-18 17-rd. Blue	O70-18735	23.95
Ruger P-Series 9mm 17-rd. Blue	O70-18736	25.95
Ruger P-Series 9mm 20-rd. Blue	O70-18737	29.95
S&W 59 17-rd. Blue	O70-18738	25.95
S&W 59 20-rd. Blue	O70-18739	29.95
SIG Sauer 226 18-rd. AFC*	O70-18740	25.95
SIG Sauer 228 15-rd. Blue	O70-18741	25.95
Springfield XD (not XDM) 9mm 18-rd.	O70-14988	23.99
Springfield XD (not XDM) .40 13-rd. AFC*	O70-14991	29.95
Taurus 92-99 17-rd. Blue	O70-18742	25.95
Taurus 92-99 20-rd. Blue	O70-18743	29.95

*AFC = Anti-Friction Coating

CMC Mags ⁶⁹

Mccormick 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	O70-11077	\$39.95
CMC RPM 8-Rd. .45 ACP 1911	O70-11078	36.95
XP Series, Match Grade and Power Mag+ Magazines		
XP-9 10-Rd. 9mm	O70-43261	\$39.99
Extra XP-9 Base Pad	O70-43300	\$4.99
Match Grade .45 ACP 8-Rd. (Floorplate drilled for base pads.)		
Power Mag+.45 ACP 10-Rd.	O70-10311	30.99
	O70-15025	34.99



Metalform OEM Pistol Magazines

1911 9-rd. 9mm Blue	O70-33327	\$24.95
1911 8-rd. .40 S&W (Springfield) Stainless	O70-33329	19.95
1911 8-rd. 10mm Stainless	O70-33328	24.95



ARCHANGEL® Lever Release SKS Magazines

Archangel's OPFOR® SKS magazines feature a revolutionary steel lever release and positive grip texture for quick and easy magazine changes. A game changer – the oversized thumb lever is ergonomically located and easy to press, enabling you to perform a fast, one-handed reload on your SKS rifle. Available in 20- and 35-round capacities.

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20-Round Mag.	O70-13088	29.95



Ruger's BX-25 magazine for the 10-22.
O70-17915 \$29.95



C-Products 30-Round aluminum M-16/AR-15 magazine.
O70-15593 \$19.95



9mm M-16/AR-15 magazines. Metalform (20-Rd.) & C-Products (32-Rd.).
20-Rd. **O70-44504 \$34.95**
32-Rd. **O70-49996 29.95**



Special Purchase M14/M1A 20-Round magazines. *While they last!*
O70-12629 \$19.95

Open 7-6 MST, M-F; 8-3 Sat. • VISA, MasterCard, Discover, C.O.D. • Shipping and HazMat Not Included



70 ELITE TACTICAL SYSTEMS MAGS & LOADERS



Elite Tactical Systems' C.A.M. Rifle Magazine Loader loads AR15, AK47, AK74, FN SCAR-16/17, AR10, G36, Steyr AUG, MP5, CZ Scorpion EVO, Colt SMG, UZI and more in 5.56x45/.223, 7.62x51/.308, 7.62x39, .300BLK, 5.45x39, 9mm and more.

The ETS C.A.M. Pistol Magazine Loader loads most 9mm or .40 caliber pistol magazines – including single stacks. It doesn't force rounds through the feed lips, so it won't damage magazines.

Both ETS C.A.M. magazine loaders will lift up to 10 rounds of ammo directly from an ammo tray!

ETS 30-round AR magazines have a built-in coupler that allows multiple magazines to be connected in seconds with no tools. Clip-on dust covers keep dirt and debris out during storage.

ETS magazines for GLOCK® pistols are compatible with aftermarket floorplates for GLOCK magazines, feature

special grip ribs on the floorplate to aid in extraction and are easy to disassemble for cleaning and maintenance.

Made in USA With a Lifetime Warranty!

A. C.A.M. Rifle Mag. Loader	O70-10244	\$29.99
B. C.A.M. Pistol Mag. Loader	O70-10245	29.99
C. AR Magazine, 30 rd.	O70-10266	19.99
D. GLK-18 Magazine, 31 rd. 9mm	O70-10246	21.99
GLK-17-10 Magazine, 10 rd. 9mm	O70-10265	17.99
GLK-19-10 Magazine, 10 rd. 9mm	O70-10264	17.99
GLK-22 Magazine, 30 rd. .40 S&W	O70-10250	21.99
GLK-42 Magazine, 7 rd. .380	O70-10251	16.99
GLK-42 Magazine, 9 rd. .380	O70-10260	21.99
GLK-42 Magazine, 12 rd. .380	O70-10261	21.99
GLK-43 Magazine, 7 rd. 9mm	O70-10247	16.99
GLK-43 Magazine, 9 rd. 9mm	O70-10248	21.99
GLK-43 Magazine, 12 rd. 9mm	O70-10249	21.99

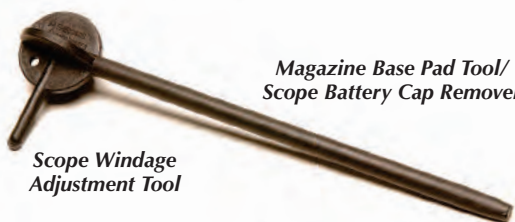
Specialized Dynamics Armors' Upper Receiver Block



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. (Sorry, the upper receiver pictured above is NOT included.)

O70-43234 \$59.99

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.

O70-15250 \$12.95



The Larry™ Pocket Work Light

The Larry™ 8 LED Pocket Work Light is the essential handyman light. 8 powerful LEDs provide 60 lumens of bright white light. The rotating magnetic clip gives you convenient hands-free lighting. The reinforced plastic body design is shock-proof and water-resistant, making the Larry™ basically indestructible.

O70-15432 \$9.99



Poppy™ – A combination 300 Lumen C•O•B lantern and 120 Lumen LED spot light. Poppy is the ideal light for indoor or outdoor use when versatility and powerful lighting are critical. Poppy easily changes from spot light to lantern with just a slide of its top, revealing a full 360° C•O•B lantern. The handle is designed to easily adjust to serve both light modes. *Note: Assorted colors, no color selection.*

O70-00116 \$16.99



SnapSafe Modular Vaults LOCKBOX⁷¹



The SnapSafe® Modular Vaults LOCKBOX is a pry-resistant 16 gauge steel container that provides secure storage for handguns and other valuables. Meets TSA airline firearm guidelines.

Dimensions: 9.5" x 6.5" x 1.75".

O70-01044 \$19.95



SnapSafe® Pistol Racks

Store guns in your safe or display them anywhere with these handy gun racks made in four different widths. The rack helps maximize storage space while offering a secure and balanced rack designed for compact pistols, full-size handguns, revolvers and semiautos. Their PVC coating prevents scratches or marring. Store guns right side up or upside down, depending on your preference.

Two-gun Rack measures 4.5" x 7" x 5.75"

Four-gun Rack measures 9" x 7" x 5.75"

Six-gun Rack measures 13.5" x 7" x 5.75"

Eight-gun Rack measures 18" x 7" x 5.75"

SnapSafe Two-gun Rack	O70-33127	\$8.00
SnapSafe Four-gun Rack	O70-33128	10.00
SnapSafe Six-gun Rack	O70-33129	12.00
SnapSafe Eight-gun Rack	O70-33130	15.00



SnapSafe®

SnapSafe's 30 LED Cordless Motion Sensor Light is ideal for large gun safes. 25.75" x 0.7" x 0.6"

O70-10019 \$25.99

SnapSafe's 20 LED Cordless Motion Sensor Light is ideal for small-to-medium gun safes. 13" x 0.7" x 0.6"

O70-10018 \$20.99

SnapSafe's Vehicle Headrest Gun Rack secures long guns behind headrest and doubles as storage for range bags, etc. Coated wire won't mar firearms.

O70-10020 \$7.99



72 KNS Precision, Inc. AR ACCESSORIES



KNS Precision, Inc. AR-15 Bolt Catch Retainer Pin.
O70-33390 \$9.00

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.

O70-19927 \$9.00



Gen 2 Mod 2 Non-Rotating Trigger/Hammer Pins .154 Diameter.
O70-33391 \$33.00



Gen ST Non-Rotating Trigger/Hammer Pins .154 Diameter.
O70-33392 \$38.00

AR-15 Bolt & Carrier



O70-19662
\$99.95

KNS Precision, Inc. AK ADJUSTABLE GAS PISTON SYSTEM



- Reduce recoil and improve accuracy
- Tune any AK for optimum suppressed use
- Shoot a wider range of ammunition types
- Reduce operating noise and "pop port"
- Decrease cyclic rate for automatic fire
- US-manufactured part for 922r compliance

O70-33405
\$149.00

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
O70-18531 \$6.75

Adjustable M1/M1A Gas Systems



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) O70-15405 \$59.00
- SOCOM M1A O70-15409 59.00
- M1 Garand O70-15408 40.00

Taylor Freelance Magazine Extensions



Taylor Freelance Magazine Extensions
AR-15/Tavor 9mm SMG +10 O70-12377 \$39.95

This extension adds a full 10 rounds to your 32-round Colt SMG-type magazine. Works with many "stock" mag springs. *NOTE: Colt SMG mags come from many different manufacturers. Colt offered at least two major types - one where the floorplate slides on from the front, and the other which slides on from the rear. TF extensions are built to work with BOTH the front-mount and rear-mount styles.*

CZ Skorpion +10 O70-12378 \$49.95

- Extra length/strength spring included

• Thumbscrew-and-gasket retention system allows for quick, easy disassembly.

GLOCK +10 O70-12379 \$59.95
Transforms Glock 31-round magazines into 41+1 round mags.
• Extra length/strength spring included.

SIG MPX +10 O70-12376 \$29.95

• Works with stock mag spring.
• Angled floor stands the magazine straight up on a table for easier loading.

SIG P320 +5 O70-12375 \$39.95

- Extra length/strength spring included.

800-223-4570 or 480-948-8009 • FAX 480-998-2786 • 24-Hour On-Line Ordering @ www.bluepress.com





MAGPUL® UNFAIR ADVANTAGE™ 73



MAGPUL 30-Round polymer PMAG 30 GEN M3™ AR-15/M4 .223/5.56 magazine.
O70-43280 \$14.95

Enhanced Self-Leveling AR-15/M16 Mag Follower



MAGPUL's Enhanced Self-Leveling Follower is a drop-in replacement for USGI 30-round magazines. Features a four-way anti-tilt design.
O70-12606 \$6.95



MAGPUL 1911 Grip Panels feature reinforced polymer construction and a unique diamond-shaped cross section to prevent twisting in the hand. They also have an aggressive mag-release cut out and are compatible with ambidextrous safeties.

Flat Dark Earth **O70-43237 \$19.95**
 Black **O70-43236 \$19.95**
 Olive Drab Green **O70-43238 \$19.95**

MAGPUL MAGLINK™



O70-43240 \$17.95



FOR MAGPUL .223/5.56 MAGS ONLY

MAGPUL QD SLING SWIVEL



O70-43239 \$14.95

MAGPUL 30-Round polymer PMAG 30 AK/AKM MOE® 7.62x39 magazine.
O70-43241 \$13.95



MAGPUL 25-Round polymer PMAG 25 LR/SR Gen M3™ Window SR25/ M110 .308/ 7.62x51 magazine.
O70-27080 \$22.95



MAGPUL 10-Round polymer PMAG 10 AR-15/M4 Gen M3™ .223/5.56 magazine.
O70-33393 \$13.95



MAGPUL 20-Round polymer PMAG 20 AK/AKM MOE® 7.62x39 magazine.
O70-10008 \$12.95

MAGPUL 20-Round polymer PMAG 20 LR/SR Gen M3™ SR25/M110 .308/ 7.62x51 magazine.
O70-55007 \$19.95



MAGPUL -5 Round Limiter PMAG 20. Only fits .223/5.56 magazines.
O70-33394 \$13.95 Pkg of 3





74 "The Perfect Small Parts Cleaning Accessory"



070-10209 \$15.95

The HYSKORE Degreezer consists of a 12" x 6" x 4-1/2" polypropylene tray with an angled drainage surface and a well with a perforated basket for holding and draining small parts. The set also includes a standard double-end nylon gun-cleaning brush. As anyone who has cleaned a gun is aware, cleaning small parts is a major challenge. Given the available technology and fixtures, the standard procedure is to use some kind of cup or similar vessel, pour in a quantity of cleaning solvent, and then pick up the parts one by one and brush them clean. The Degreezer changes all of that. Small parts and even complete trigger groups and bolt assemblies can be placed in the basket and the well filled with solvent to cover the parts and left to soak for extended periods. Then the basket can be withdrawn, draining all the parts. As a bonus, the set includes a cover with an integral holder for the brush. This means the solvent that has been contaminated by the cleaning process can be left in the well of the Degreezer (rather than returned to the bottle) with the cover in place so that it's ready to be used for the next cleaning event. The tray, cover, and basket are made from polypropylene plastic. This has been proven to be impervious to all popular commercial cleaning solutions. It will also resist kerosene, acetone, and gasoline. The Degreezer will quickly become an indispensable fixture on your workbench.

HYSKORE Six-Gun Modular 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 rest will hold six pistols with either single-stack or double-stack magazines, and can be disassembled and reconfigured to hold guns with wider or narrower grips. The modular feature of the rest also means that two or more rests can be connected together and reconfigured not only to give each gun its own "special home," but also to take maximum advantage of all available space in your safe or vault. This is easy to do using 3/16" threaded rod, washers, and hex nuts available from any home-improvement store. The rack measures 11-1/4" wide x 7-1/2" deep x 6" high.

070-10208 \$19.99



5.11 Tactical All Hazards Ammo Mule

Sometimes, you just need more ammo. The All Hazards Ammo Mule is light-weight, durable and weather resistant. It features a secure wraparound zipper with a molded pull and measures 10.12" wide x 3.88" deep x 8" high. It'll hold 10 5.56 AR mags or six 25-rd. boxes of shotgun shells.



070-19661 \$27.99

OPSol Mini-Clip™

Allows the use of 12 Ga. 1.75" Birdshot, Buckshot and Slug shells. Fits 12 Ga. Mossberg 500, 590, 590A1 and Maverick 88 models

The OPSol Mini-Clip™ was designed to give "well seasoned" and "recoil sensitive" shooters the capability of shooting the trusty Mossberg 12 Ga. platform without the usual recoil response. By using The OPSol Mini-Clip™ in conjunction with 1.75" shotgun shells, shooters stay in the game without all of the pain. The Mini-Clip enables owners of Mossberg 12 Ga. shotguns to use Aguila Minishells reliably for training, practice, recreational or home-defense applications.



070-10471 \$14.99

800-223-4570 or 480-948-8009 • FAX 480-998-2786 • 24-Hour On-Line Ordering @ www.bluepress.com





JP Enterprises, Inc.

Tactical Performance Gear



JP Enterprises (Competition Only) Low Mass Buffer JPLMB
O70-12585 \$59.95



JP Enterprises .223 JP EnhancedBolt™ Assembly
JPEB-223 SAE3910 Construction
O70-12586 \$124.95



Custom Stainless Bolt Carrier
JPFC-3 SP Low Mass,
Stainless Finish
O70-12584 \$225.95



JP AR Speed Hammer
JPSH-1A Low Mass Hammer
O70-12617 \$59.95

JP Compensator
JPTRE-2 1/2" x 28 TPI
w/Exit Hole for .223
Matte Black Finish
O70-12614 \$89.95



**JPFC-1 .154 Small Pin
Fire Control Kit w/CD-ROM**
Instructional Video
O70-12616 \$119.95



JP Reduced Power AR Spring Set
O70-12618 \$10.95



**JP Enhanced Reliability,
Reduced Power AR Spring Set**
O70-12590 \$10.95



**HIPERTOUCHE®
24C**
AR 15/10 Fire-Control



The HIPERTOUCHE® 24C is the competition version of high precision fire-control drop-ins for installation in AR-15® and AR-10® type rifles.

O70-11816
\$235.00

**HIPERTOUCHE®
24 3G**
AR 15/10 Fire-Control



The HIPERTOUCHE® 24 3Gun, or 24 3G, is similar to the 24C, but with a curved trigger bow instead of straight, for installation in AR-15® and AR-10® type rifles.

O70-11819
\$225.00

Elftmann Tactical SE Drop-In Trigger



The ELF-SE Drop-In Trigger for mil-spec AR-15s features an extremely short takeup; a clean, crisp break; and a very short, positive reset with a non-adjustable 3.5-lb. pull weight. The total physical weight of the entire trigger unit is 2.3 oz.

O70-10007
\$169.00





76 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
- 8 MOA Black

- O70-14518 \$419.00
- O70-14563 419.00

C-More Systems Railway Sight

- Polymer 8 MOA Black
- Aluminum 8 MOA Black

- O70-16413 \$279.00
- O70-14611 329.00

C-More Systems Tactical Railway Sight features a built-in spacer to co-witness with sights on flat-top AR-15s

- Polymer 8 MOA Black
- Aluminum 4 MOA Black

- O70-16511 \$289.00
- O70-14612 339.00

C-More Systems Replacement Modules for Railway/Scout Sights

- | | | |
|--------------------------------|-----------|---------|
| 2 MOA Dot Module, Polymer | O70-14620 | \$49.00 |
| 2 MOA Dot Module, Aluminum | O70-14643 | 49.00 |
| 4 MOA Dot Module, Polymer | O70-16415 | 49.00 |
| 4 MOA Dot Module, Aluminum | O70-14691 | 49.00 |
| 6 MOA Dot Module, Polymer | O70-16416 | 49.00 |
| 6 MOA Dot Module, Aluminum | O70-14696 | 49.00 |
| 8 MOA Dot Module, Polymer | O70-14717 | 49.00 |
| 8 MOA Dot Module, Aluminum | O70-14720 | 49.00 |
| Railway/Scout/Tactical Battery | O70-17034 | 5.00 |
| CR2032 Lithium STS/RTS Battery | O70-14721 | 5.00 |

J. Dewey Mfg. Co. AR-Link Cleaning Pin



Dewey's AR-Link Cleaning Pin 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. O70-18599 \$14.95

Emergency AR(eparir) Kit

Crucial Parts for Your AR-15



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.

O70-19460 \$19.95

Tac Latch



The Badger Ordnance Tac Latch makes it much easier for you to operate the latch on your AR-15/AR-10 charging handle. It works especially well for "flat-top" rifles equipped with low-mounted optics.

O70-10379 \$18.95

Jerry Miculek AR-15 Compensator



Jerry Miculek's three-chamber AR-15 Compensator fits threaded-barrel rifles and may be "clocked" for left- or right-handed shooters. Used by many top three-gun competitors.

O70-11328 \$49.95



We have a **limited supply** of these fold-
ing AR-15 front sights with tritium
inserts. They were made for SIG Sauer.

O70-48961 \$49.95



Your basic, generic, strap-on-with-Vel-
cro™ AR-15 brass catcher.

O70-15478 \$14.95





Bushnell Trophy TRS-25 Ultra Compact Red Dot Sight

Bushnell's Trophy TRS-25 Ultra Compact Red Dot Sight is designed for use on shotguns, handguns and rifles. It is constructed and assembled by highly skilled craftsmen to Bushnell's high quality standards. The precision and craftsmanship with which this scope was built ensures its performance under demanding conditions. This scope will provide the shooting accuracy and repeatability which have made Bushnell legendary. Features unlimited eye relief and a three-minute-of-angle dot. TRS-25 as pictured w/o riser **O70-11643 \$89.95**
TRS-25 with riser **O70-31318 \$119.95**



Scout Scope Mounts for AK, SKS Rifles



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 **O70-25374 \$79.99**
Scout Scope Mount for SKS Rifle **O70-25373 78.99**

Evolution Gun Works Picatinny Rail Scope Mounts



Available in Standard Elevation or Plus-20 Minutes of Angle

Remington Model 700 Short Action **O70-19975**
Remington Model 700 Short Action + 20 MOA **O70-19976**
Remington Model 700 Long Action **O70-19977**
Remington Model 700 Long Action + 20 MOA **O70-19978**
Ruger 10/22 + 20 MOA **O70-19987**
Savage Short Action RB **O70-19979**

Savage Short Action RB + 20 MOA **O70-19980**
Savage Long Action RB **O70-19981**
Savage Long Action RB + 20 MOA **O70-19982**
Winchester Model 70 STD **O70-19983**
Winchester Model 70 STD + 20 MOA **O70-19984**
Winchester Model 70 Short Action **O70-19985**
Winchester Model 70 Short Action + 20 MOA **O70-19986**

Tactical Sports 45°-Offset Auxillary Optics Mount



A twist of the wrist is – quite literally – all it takes to switch from your long-range optic to a CQB red-dot sight with Tactical Sports' 45-degree Offset Auxillary Optics Mount! Fits most Picatinny rails. (Pictured with Bushnell's TRS-25, which is NOT included!)

45° Offset Optic Mount **O70-14472 \$14.99**

Evolution Gun Works Chamber Checkers



Speed up the round-checking process when you're getting ready for a match! EGW uses actual Clymer chamber reamers to produce its chamber checkers.

Rifle Chamber Checkers
.223 Rem. **O70-25377 \$29.95**
5.56x45 **O70-25376 29.95**
.308 Win. **O70-18964 39.95**
.30-06 **O70-19675 45.00**

Pistol Chamber Checkers
9mm **O70-19846 \$19.95**
.38 Super **O70-19847 19.95**
.40 S&W **O70-19848 19.95**
10mm **O70-19676 20.00**
.45 ACP **O70-19849 19.95**
Shotgun Chamber Checker
12 Ga. **O70-19523 \$49.99**
20 Ga. **O70-19524 49.99**
Cowboy Chamber Checker
(.357 Mag., .44 Mag., .44-40, .45 Colt) **O70-25375 \$19.95**

Open 7-6 MST, M-F; 8-3 Sat. • VISA, MasterCard, Discover, C.O.D. • Shipping and HazMat Not Included





78

American Mechanized Artillery, 1917-1919

By Brian Dervin Dillon, Ph.D.

When the U.S.A. declared war on Germany in April 1917, our army was technologically backwards. Our individually issued small arms were probably the best in the world, but everything else, our artillery, communications, and especially our aviation capability, was embarrassingly obsolete. In 1917 and 1918 we had to fight with foreign-made planes (French Spads and Nieuports) and field pieces (French 75s and 155s and British 8-inch Howitzers). Even our helmets, issued to American troops for the very first time, were copied from the "Limey pattern." Foreign-made airplanes, artillery, even machine guns (the miserable French *Chauchat*), were issued to Americans until the very end of the war because we could not get organized in time to equip our own troops. The only comparatively "high-tech" area where we stood head and shoulders above the Europeans was in truck and tractor design and production.

Non-interventionists, led by President Woodrow Wilson, made certain that when America finally declared war on Germany we were only capable of fighting a 19th Century War against Apaches in the American Southwest or bandits in Mexico, not any modern European power. *He Kept Us Out of the War* was, after all, Wilson's 1916 re-election slogan. But unpreparedness was nothing new. American-born armaments inventors like Hiram Maxim and Benjamin B. Hotchkiss, long before, had given up on ever selling their machine guns and cannon to the U.S. Military, while finding Britain, France, Germany, Russia and even Mexico very eager to buy their weapons. Only the overwhelming infusion of American manpower tipped the scales in the favor of the Allies during the final few months of the war, forcing the Germans to an Armistice. So, when my grandfather shelled German positions in 1918 with gigantic railroad guns, he was using French-made artillery and ammunition, and when, a year later in 1919 he was put in command of one of the very few fully-operational American artillery units employing much smaller 8-inch howitzers, his guns were British, not American.

The 8-inch Howitzer was a British Vickers design, conceived as an offensive siege weapon specifically for trench warfare. Heavy (13 tons), and difficult to transport, it was introduced after smaller guns (3 and 6 pounders) were found to be ineffective against German trench defenses. The first-generation 8-inch Howitzers were stopgap, cobbled-together abortions, converted for terrestri-

al use from re-bored, smaller caliber (6-inch) naval cannon. Production began late in 1914, and they were first deployed in May 1915. The earliest, Mk I-V, guns had short, thick, barrels, with twin recoil tubes mounted above. Five successive variants were mounted upon different carriages, none entirely satisfactorily. All rolled on very tall, all-metal, spoked and riveted "steam traction engine" style wheels with comparatively broad treads.

The 8-inch howitzer shell weighed 200 lbs. and was packed with high explosive. An 8-incher could lob its HE projectile more than 12,000 yards, nearly seven miles from the enemy positions they were shelling, without risk of retaliation from German trench raiders. Each shell could blow a hole ten feet deep and 20 feet across, obliterating any trench or small dugout. Early (Mk I-V) 8-inch Howitzers revealed weakness from sustained use: their recoil system was problematic and their barrels wore out very rapidly, sometimes after only 3,000 rounds. So Vickers designed its second-generation 8-inch Howitzer from the ground up with little carry-over from the earlier versions except for the 8-inch bore size, accommodating the hundreds of thousands of rounds already in the ammunition pipeline. The new guns were designated Mk VI 8-inch Howitzers: production began in August of 1915, and the first ones reached the Western Front in early 1916. Mk VI guns were good for up to 8,000 rounds before their barrels were "used up." Much more streamlined and considerably lighter in weight than the first-generation howitzers, their recoil mechanism was now shrouded below their barrels. Second-generation 8-inch Howitzers had slightly tapered barrels and a slight muzzle flare; diagnostic was the small, rectangular hydraulic fluid reservoir bolted to the right side of the barrel at its mid-point. Eventually, minor production changes led to the re-designation of the field piece as Mk VII and VIII variants, even a final, Mk "VIII 1/2"—all used the same shell, to simplify ordnance supply. The MK VII had a less-durable barrel, and wore out after only half as many rounds as the earlier Mk VI. The MK VIII corrected the barrel problems of the VII with a thicker and stronger barrel, but few were produced before the armistice in November 1918.

Even before the American entry into WWI, Mk VI Vickers 8-inch Howitzers were being made in the United States, as replacements for British guns whose barrels were wearing out. The Midvale Steel & Ordnance of Nicetown, Pennsylvania





Captain William T. Dillon (right) with one of his 8-inch Mk VI Howitzers and its 59th Coast Artillery Company gun crew, at Camp Lewis, Washington in October 1919. The 59th C.A.C. was one of only four American artillery units to see action in WWI with 8-inch Howitzers. As a reward for exemplary WWI service leading both French and American troops, Dillon was made the company commander of one of the few fully mechanized big-gun artillery units at a time when the American military was being aggressively “down-sized.” *Dillon collection photo.*

shipped its earliest guns to the British, then diverted later ones to American artillery units after our own declaration of war. Late in 1918, only one month before the Armistice, a second variant, the Mk VIII 1/2 also began production in America, but few if any made it across the Atlantic for service on the Western Front before the end of the war.

The gun was deployed for 3+ years (May 1915 – November 1918) on the Western Front. By the end of WWI the British had 37 6-gun batteries of 8-inch Howitzers, the Australians one (the 54th Siege Artillery Battery), and the Canadians two, all on the Western Front. Six more guns were held in reserve in England, four were deployed to Macedonia, and two to Palestine. Another 72 Mk VI 8-inch howitzers were sent to Russia, where, after the Communist takeover, they continued to be used by the Red Army. Only one U.S. unit, the 58th Coast Artillery Company, saw action during WWI with American-made Mk VI 8-inch Howitzers. Three other American C.A.C. units, the 44th, 51st, and 59th, were in action with British-made 8-inch guns. Six more American units, three with American-made and three with British-made 8-inch guns, were about to be deployed to

the Western Front when the Armistice was declared, but were stood down without ever firing a shot in anger.

The 8-inch Howitzers were pulled by crawler tractors: nothing else could move them through the mud of the Western Front. And only the Americans made a tractor suitable as the prime mover for such a large, heavy, field gun. The British bought them as early as 1914, then made hundreds of their own copies under license. These were Holts, evolved from the old Steam Traction Engines that had facilitated the invention of agribusiness in California's Great Central Valley 40 years earlier. By 1904 steam propulsion was being abandoned in favor of internal-combustion gasoline engines, and powered tracks had replaced the earlier giant spoked iron wheels. Nicknamed “caterpillars,” years later this would become the company's new name. A crawler tractor carryover from the old steam traction engines was their single “steering” wheel out in front. Eventually, by 1917, improved clutches sending power to either side track eliminated this clumsy “2 tracks plus 1 wheel” design. Both were used simultaneously into the 1920s. Holt steam traction engines, then





The 59th Coast Artillery Company with its four Holt 10-Ton Armored Artillery Tractors and four FWD Trucks on the Camp Lewis parade ground, October 1919. Commander Dillon (circled above) and his superior officers stand in front of one of his Dodge Brothers Model 1918 touring cars (right) and Holt 10-Ton Model 1917 Armored Artillery Tractors. At a time when thousands of soldiers were being returned to civilian life every day and dozens of military bases were being closed, the U.S. Army was quietly trying to become fully mechanized. This panoramic photo shows the 59th C.A.C. and all of its equipment. Dillon collection photo.



crawler tractors, were built in Stockton, California. A second plant in Illinois built more “caterpillars” to feed the expanding midwestern market.

Holt crawler tractors attracted international acclaim when they were used, as early as 1907, on the Los Angeles Aqueduct project, then second only to the Panama Canal as a major American engineering effort. All early Holt tractors were powered by massive, low-compression, low-revving 4-cylinder, four-stroke engines. Different models were denoted by their horsepower rating (35, 75, etc.). Besides the problematic front wheel, all early Holts suffered cooling problems: the fix was an exceedingly large radiator, out in front of the driver, blocking his view and exposed to any bullets or shrapnel the Germans might send its way. These radiators had a separate coolant tank for ease of replenishment, sometimes of up to 56 gallons capacity.

The British bought dozens of Holt 35s as early as 1914 and also more powerful versions like the Holt 75 and 120 as they became available. Over 400 Holt 35s were also built under license at the Ruston and Proctor factory in Lincoln, England, for use on the Western Front. With the American entry into WWI came a “strictly military” redesign, correcting problems identified through three years of frontline service. The front wheel was finally junked, and the engine compartment and radiator were completely enclosed by 1/4” bulletproof steel plate. Holt, and two other companies under license, now made two armored artillery tractors, a small “5-ton” and much larger “10-ton” version. The new labels did not indicate weight, but towing capacity. The little 5-ton tractors were designed to pull light field guns like French 75s, while the big 10-ton units were intended as prime movers for big, 8-inch Howitzers.

Another remarkable American invention present on the Western Front before and after our entry into WWI was the FWD (Four Wheel Drive) truck.

With high ground clearance, a short wheelbase, very low gearing and four powered wheels, the three-ton truck was the granddaddy of all military “off-road” vehicles. The FWD truck was the only other prime mover that could pull the 8-inch Howitzer, but only over improved roads on comparatively flat terrain. Where it excelled was as an artillery support vehicle, hauling shells to the big guns, and tools, spare parts, and mechanics to keep them firing. After the Armistice, some were experimentally adapted as communications trucks. They became movable command and control centers where the individual siege guns of a single battery, concealed some distance apart from each other, were linked by telephone for fire correction and T.O.T. synchronization.

The FWD Model B truck was built in Clintonville, Wisconsin. It was unlike most of its contemporaries, for its driver sat atop the engine compartment, not behind it, providing more cargo space for the equivalent wheelbase. The FWD and its only other American cousin, the Autocar truck, were precursors of the later “cab-over” design that became common in the 1930s and afterwards. The driver sat on a padded bench seat in front of an exposed gas tank, accessible for easy filling, and facilitating gravity flow to the single, updraft, carburetor. The FWD featured a 390 cid long-stroke 4-cylinder Wisconsin Engine generating just over 50 hp but lots of low-rpm torque. Most FWD trucks were built either as stake-side flatbeds, or with simple utility box bodies, the cargo area accessed by a hinged tailgate or, sometimes, by hinged side and rear panels. A favorite military specification was a canvas cover for the cargo bed, “covered wagon” style. This could be fully or partially extended, or easily removed. No provision was made for protecting the driver, who was “out in the open,” with neither roof nor windshield.

A central transfer case sent power to both front and rear wheels. Unlike most of its contempo-





aries, the FWD truck had brakes both front and rear, but on the drive shafts, not via drums on the individual wheels. Model B 1917 wheels were spoked, and made of cast iron, at a time that most other trucks still employed fragile wood-spoke wheels, which warped easily and were almost impossible to align. Earlier (1916) and later (1918) FWD trucks had even stronger, but heavier, cast iron disk wheels, which weighed 450 lbs. each. Tires were solid rubber and treadless. If giving comparatively poor traction in mud, snow or sand, these nevertheless eliminated the “flat tire” problem so common to most other trucks. Track width was 4' 8-1/2", so that FWD trucks could run on standard gauge railroad tracks after removal of their rubber tires. With three forward gears, top speed was around 16 mph. Approximately 3,000 FWD trucks were sold to the British Army, all with right-hand drive, prior to the American entry in WWI. A much smaller number (82) were sold to Russia before her separate peace with Germany. The greatest WWI production by far was for the American Army, of both Model 1917 (many of them right-hand drive) but especially of Model 1918 trucks, 14,173 in all. The vast majority of these trucks never arrived on the Western Front before the war's end, nor even left America.

After the Armistice, all but one of the British 8-inch Howitzers that served on the Western Front were scrapped: the sole survivor, a Mk 8, is in the Canadian War Museum, Ottawa. In the U.S. the old howitzer was made obsolete by the new 155mm gun, adapted from the French model, which began production too late for WWI combat. The American 155 was lighter, and shot farther and faster than the old 8-inch. By 1930 all of the old 8-inch guns had been retired to ordnance stocks, never to be fired by Americans again. In 1939-1940, as the Finns waged their Winter War against the Soviet Army, 32 American 8-inch Howitzers were taken out of mothballs and sold to them. After the Finnish defeat and their subsequent Nazi alliance, most of these guns passed into German hands. One survives, the only American-made 8-inch Mk VI Howitzer remaining on the planet, on public display at the Helsinki Military Museum. WWI artillery prime movers can also still be seen in the Heidrick Tractor Collection at the California Agricultural Museum at Woodland, in the Sacramento Valley. Here a 1917

Holt 120 in running condition is on display, as is a very rare Holt 10-ton armored artillery tractor. The more common 5-ton Holts also persist in private collections across America. And Model B 1917 and 1918 FWD trucks in running condition still haunt American automotive museums, and sometimes even lead 4th of July and Memorial Day parades.

Immediately after the end of *The War To End All Wars* military production ground to a halt, contracts were canceled, and more than a million uniformed Americans were demobilized and returned to civilian life. Dozens of bases were closed and ordnance was left outdoors in the rain, eventually to be scrapped. The American public resumed its anti-military attitude and saw little reason to maintain, much less continue to modernize, the army that had just won the *very last war*, the politicians promised them, it would ever need to fight.

The 59th Coast Artillery Regiment, after its WWI combat service, came home to New York on January 24, 1919. By the time it moved to Fort Winfield Scott, San Francisco, one month later, personnel losses had reduced the 59th to a company-sized unit. On October 2, 1919, the 59th C.A.C. was transferred to Camp Lewis, Washington, under its new commanding officer, William T. Dillon. Meanwhile, some of the most thoughtful American military men did “post-mortem” analyses, trying to keep us from being caught once again with our “pants down” in the event of another major conflict. Report after report recalled how unprepared we had been to fight WWI, and warned of the consequences of future military neglect. But the politicians filed them, unread, and forgot them. In 1921, Grandpa Dillon was sent back home to California, and the 59th C.A.C. was sent from Camp Lewis to Corregidor. We all know how *that* story ended.

Could history repeat itself? *You betcha*. Only 20 years later, China was drenched in blood, and all of Europe accelerated towards a brand new apocalypse. Meanwhile, America's national military maneuvers, too little and too late once more, substituted half-ton pickup trucks with the word “Tank” painted on their sides for the real thing because too few of them existed for actual use. And, when war came again on December 7th, 1941, all of our mechanized artillery was *state of the art*. Unfortunately, it was state of the art for *World War I*, not *World War II*.



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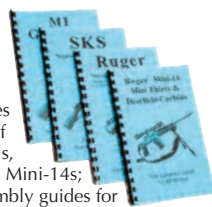
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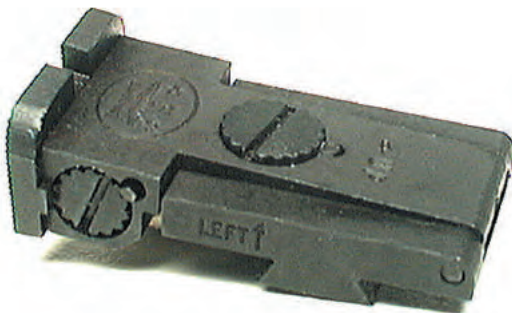
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A.



B.

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