

the

Blue Press

November 2019
\$2.95 U.S./\$3.95 Canada



New-Reloader XL 750 Package

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SCAN TO SHOP



DP Dillon PRECISION

**Stock # NEW 750 PACKAGE 9
(Pictured) \$1431.35**

**Stock # NEW 750 PACKAGE 556
\$1463.30**

**Stock # NEW 750 PACKAGE COMBO
\$1804.50**

**(If you'd like a similar package in a
different caliber, please call.)**

New-Reloader **XL 750** Package

You've made the decision that loading your own ammunition is right for you.

You're ready to pull the trigger, but uncertain of exactly what you need.

Dillon has taken the work out of this. We have assembled a New-Reloader Package, featuring our new XL 750 reloading machine, with the most popular machine options, along with the accessories you'll need to begin reloading immediately.

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

9mm 750 Package:

XL 750 in 9mm
9mm Die Set
Bench Wrench
Small Pistol Casefeeder
XL 650/750 Strong Mount
Bullet Tray Kit
Roller Handle
9mm Case Gage
D-Terminator Digital Scale
Primer Flip Tray
4 Small Primer Pickup Tubes
Digital Calipers

The Complete Reloading Manual for the 9mm Luger

Total: \$1431.35

.223/5.56mm 750 Package:

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

The Complete Reloading Manual for the .223 Rem.

Total: \$1463.30

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

.223/5.56 Conversion Kit
.223/5.56 Die Set
XL 750 Quick Change
.223 Case Gage
Dillon Case Lube
Small Rifle Casefeed Plate

The Complete Reloading Manual for the .223 Rem.

Total w/9mm Pkg.: \$1804.50

As a token of our appreciation for new reloaders who purchase one of these packages – while supplies last – we're going to include one of these **Tactical Tailor** Operator Caps and our Dillon Precision morale patch. The Tactical Tailor cap is an incredible value: a high-quality product that's made in...wait for it...the USA, by a company that prides itself on hiring veterans. The hat in the photo is MY hat, [Note: same hat, new patch.] and I've lost track of how many times it's been washed – IN the washing machine! It STILL looks great! If you're the kind of person who not only wears hats, but also WEARS THEM OUT, you're going to love this hat.



Mark Pixler



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

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We READ Our Mail!

I own two Dillon XL 650s that I got by saving nickels and dimes. We have heard crickets about what's going to happen with XL 650 parts in the future. What happens when I need XL 650 primer parts in five years? What happens when my kids need XL 650 primer parts in the future? How about letting us know in *The Blue Press* what's going to happen.

Ray Schwartz – ray.schwartz1@yahoo.com
To answer your question, I'll quote Mike Dillon: "I run the company based on my philosophy. You treat other people the way you want to be treated. I don't want people calling me up saying, 'You miserable S.O.B., you sold me this machine and now you won't help me.' I don't want anyone mad at me. This is reflected in our warranty." Rest assured, Ray, we're going to support the XL 650. Period.



XL 650

I am thrilled that Duane Thomas finally exposed the fraud of the 1911 and .45 ACP. Thousands of GIs from Mexico, France, Central America, China, The Pacific, Europe, Korea, and Vietnam have howled at the ineffectiveness of the .45! Or haven't they?

James Davenport – jim.davenport@cox.net
Thanks for the feedback, James! I knew Duane's article would generate some heat – and indeed it has. In fact, I've printed four pages of feedback in this issue starting on Page 32. Unlike some folks on BOTH extremes of the political spectrum, I encourage free speech and thoughtful debate.

I find that your front cover picture on your October issue has Jennifer Irene's trigger finger in a dangerous position and will give a bad example to readers. In a startling incident the grasp reflex could easily result in her finger sliding into the trigger guard and pressing the trigger. Readers with shorter fingers could just cover the trigger guard and this would be even more dangerous. Her finger should be above the trigger guard and I know that it would be easy to hit the mag drop, but that is much better than an accidental discharge. Love the new size and the magazine and of course love my Dillon press.

Thomas Cartwright – cartwright_tjc@yahoo.com

the BLUE PRESS

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Issue #329
November
2019

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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.

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Follow the yellow brick road



SUPER VEL®
Ammunition

Look for the yellow box!

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 World's most versatile reloader, 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 750

Truly the state of the art, our XL 750 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.

Facts and Figures

	SQUARE DEAL B	RL 550C	XL 750	SUPER 1050
COST				
Base price	\$436.95	\$489.95	\$649.95	\$1881.95
Caliber Conversion price range	\$93.95-103.95	\$49.95-59.95	\$81.95-91.95	\$128.95-292.95
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 750 weighs 47 lbs. with optional Casefeeder. **With optional Casefeeder. ***Without optional Strong Mount.



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 (Beam Scale)	P64-14482	\$209.95
SDB (Electronic Scale)	P64-14483	256.95
RL 550 (Beam Scale)	P64-21143	208.95
RL 550 (Electronic Scale)	P64-22117	256.95
XL 750 (Beam Scale)	P64-21430	223.95
XL 750 (Electronic Scale)	P64-22118	271.95

DILLON

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 [▲]	P64-10157	\$135.00
HP1 Electronic Hearing Protector, Black [▲]	P64-10156	135.00
HP2 (NRR 21) Non-Electronic Hearing Protector, Blue [▲]	P64-10361	19.95
HP2 Hearing Protector, Black [▲]	P64-10360	19.95
HP1/HP2 Replacement Ear Cushions [▲]	P64-19022	10.00
Hearing Protector Belt Clip	P64-13020	3.29

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	P64-10513	\$9.99
Smoke	P64-10514	9.99
Light Blue	P64-10515	9.99
Yellow	P64-10516	9.99
Amber	P64-10517	9.99
Smoke Mirror	P64-10518	9.99

Bifocal Shooting Glasses



Clear, Bottom Bifocal

Clear Bifocal 1.5	P64-11820	\$19.95
Clear Bifocal 2.0	P64-11821	19.95
Clear Bifocal 2.5	P64-11822	19.95

Smoke, Bottom Bifocal

Smoke Bifocal 1.5	P64-11825	\$19.95
Smoke Bifocal 2.0	P64-11829	19.95
Smoke Bifocal 2.5	P64-11831	19.95

SureFire Hearing Protection



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	P64-25340	\$12.95
Medium (Fit Most People)	P64-25341	12.95
Large	P64-25342	12.95

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

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SQUARE DEAL 'B'

STANDARD FEATURES:

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

All for ONLY...
\$436^{95*}

"SDB" Stock Numbers

.32 S&W Long/H&R Magnum*	\$466.95
P64-16815	P64-20053
.380 ACP	P64-20102
.38 Special	P64-20103
.357 Magnum	P64-20105
.38 Super	P64-20099
.38 Super Comp	P64-20115
9mm	P64-20104
.40 S&W	P64-20787
10mm	P64-20643
.41 Magnum	P64-20054
.44 Special	P64-20105
.44 Magnum	P64-20052
.44-40 Winchester	P64-21036
.45 ACP	P64-20101
.45 Colt	P64-20051
.45 GAP	P64-20098
.45 S&W Schofield	P64-20418

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SQUARE DEAL 'B' ACCESSORIES

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.	P64-16774	\$103.95
(.32 S&W Requires X-Small Powder Bar P64-20780		\$33.95)
.380 ACP	P64-20246	93.95
.38 Special	P64-20240	93.95
.357 Magnum	P64-20240	93.95
.38 Super	P64-20229	93.95
.38 Super Comp	P64-20275	93.95
9mm	P64-20241	93.95
.40 S&W	P64-20469	93.95
10mm	P64-20469	93.95
.41 Magnum	P64-20247	93.95
.44 Special	P64-20242	93.95
.44 Magnum	P64-20242	93.95
.44-40 Winchester	P64-21035	93.95
.45 ACP/.45 GAP	P64-20123	93.95
.45 Colt	P64-20248	93.95
.45 S&W Schofield	P64-20417	93.95

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

'SDB' POWDER MEASURE[^] **P64-62256 \$132.95**

'SDB' POWDER MEASURE[^] **P64-20001 \$86.95**



SQUARE DEAL 'B' TOOLHEAD[^]

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

P64-20113, \$34.95

SQUARE DEAL 'B' TOOLHEAD STAND

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

P64-62225, \$27.95



SQUARE DEAL 'B' BENCH WRENCH

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

P64-19970, \$9.95 each.
Buy two or more, \$9.10 each.



Total price as pictured here with optional accessories: **\$653.20**

SDB Strong Mount	P64-22223	\$68.45
Low Powder Sensor	P64-16306	\$43.95
Bullet Tray	P64-22214	\$45.95
Tool Holder w/Wrench Set	P64-19441	\$29.95
Cartridge Case Bin & Bracket	P64-11672	\$27.95

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

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.

P64-62395, \$78.95



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).

P64-11672, \$27.95



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, **P64-13795, \$23.95**

Master lock, **P64-13083, \$3.95**

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
P64-97015, \$37.95



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
- 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

P64-20778, \$23.95

PRIMER PICKUP TUBES

Used to transfer primers from flip tray to priming system.

- 1 Lg. **P64-22029 \$8.49**
- 1 Sm. **P64-22028 8.49**
- 2 Sm., 2 Lg. **P64-20056 26.95**
- 4 Lg. **P64-20050 26.95**
- 4 Sm. **P64-20049 26.95**

PRIMER FLIP TRAY

A heavy, high-quality tray large enough for the Federal primer package. **P64-13606, \$22.95 ea.**





THE LEGEND, IMPROVED

SIG SAUER P210 STANDARD TARGET 9MM

Reviewed by Peter Caroline

I have a long history with handguns designed for the military, and for good economic reasons. Back in the late 1950s and early '60s, I was in the Army, then in graduate school, and later, between jobs. None of these situations provided me with sufficient income for buying new guns. Looking for an affordable EDC gun was a challenge. Fortunately, surplus military handguns glutted the market and were relatively inexpensive. Huge, ancient Webleys converted to .45 ACP went for about \$15. A decent Walther P38 would fetch about \$20. For a couple of bucks more, I could get a Browning Hi Power, with or without Waffenamts stamps. Garden-variety Lugers would set me back about \$25-\$30. At one point, I even bought a really beat-up surplus 1911A1 for \$23. All of these were fun to shoot, albeit the sights and triggers were nothing to brag about.

While I was struggling with champagne tastes and a beer budget, there existed a 9mm pistol that was designed for the Swiss military and was also issued to the Danish and Latvian armed forces and the West German border police. It was a replacement for the Swiss Luger and was originally designated the P49 or SIG P210, an adaptation of the basic Browning design embodied in the 1911A1 and the Tokarev. Unlike the 1911A1, the P210 slide rode inside the frame rails, similar to the Czech CZ75 or the German Luger. Like the Tokarev, most of the firing mechanism was encased

in a single unit. In typical Swiss fashion, the gun was built, appropriately, like a Swiss watch, and cost at least twice as much as our 1911A1 service pistol. I wanted one, but even if I could have afforded it, which I couldn't, the P210 was rarely seen in this country.

At the 2019 SHOT Show, I happened to stop by the Sig Sauer booth and noticed a new P210 with target sights and grip. It was, to my surprise, built in Newington, NH, by Sig Sauer. It had been "Americanized" with its thumb safety and magazine release positioned in the familiar 1911A1 configuration, and a beavertail added to the gripframe. The slide felt like it was running on roller bearings, and the trigger seemed to be between 2 and 3 lbs. My only complaint was the wooden target grip, which was too large for my hand. I mentioned this to the Sig rep, and he replied, "Wait until this summer; we're coming out with one with a smaller grip."

I waited, and several months later received a press release from Sig Sauer announcing the introduction of a "Legendary, American made, P210 Standard Pistol." The photo displayed a handgun nearly identical to the Target Model I had seen at the SHOT Show, but with a much smaller wood grip, a non-adjustable sight and no forward cocking serrations. I immediately sent off a request for a sample gun for testing.

Several weeks later, the test gun arrived. The first thing I noticed was the clean, uncluttered appearance

of the frame and slide. There was a very unobtrusive "SigSauer P210" incised on the lefthand side of the slide. The frame had only the serial number and a discreet SigSauer logo and a tiny "Newington-NH-USA" on the righthand side. The front of the grip frame and the trigger guard featured fine checkering. The barrel was marked "9mmx19" as might be expected. Other than that, there is no excess verbiage, logos or safety warnings. The grips are walnut, made by Hogue, nicely checkered below the level of the magazine release, and they fit my hand perfectly. The 3-dot sights are exemplary...large and very contrasty. The rear sight could be drifted for windage, if necessary (but unlikely). The weight and dimensions of the P210 are very close to those of the 1911A1...36.9 oz., 5" barrel, 8.4" overall length, 5.3 height, and 6.7" sight radius. Two Italian-made 8-round magazines with witness holes on both sides come with the gun. Slide and frame are Nitron-finished stainless steel. The pistol will actually fit in most full-length 1911 holsters, albeit snugly.

In my opinion, this is one of the best looking semi-automatic pistols ever created. But how does it shoot? Initially, pressed for time, I ran some assorted FMJ through it...Aguila 124-grain and American Eagle 115-grain, plus some loose NATO surplus ammo. The trigger pull, measured by my trusty RCBS scale, is a wonderful 2-3/4 lbs. It is the best trigger I have encountered on any semiauto pistol. To my surprise, the sights were right on target, and the groups were tight...surprising, considering the ageing eyesight and general shakiness of the shooter. My only complaint was, there is no ambidextrous safety or accommodation for adding one. No big deal. Later, I was on the phone with my friend

Duane Thomas, and he asked me if the P210 functioned reliably with hollow-point ammo. This was a wonderful excuse for a more lengthy shooting session. I went out to the desert and set up my portable bench and...yes, indeed, it loves JHPs! I ran the gun with Winchester 147-grain "Defend" JHPs, Doubletap's Colt Defense 124-grain JHPs, Doubletap 80-grain, Barnes TAC-XP lead-free 80-grain HPs, and even five rounds of my precious vintage Winchester Black Talon 147-grain SXTs. They all fed, fired and ejected without incident. And groups did not suffer at all.

Disassembling the P210 for cleaning is instinctive and easy (sort of).

The Owners Manual (RTFM) states that, after removing the magazine and clearing the chamber, you "Retract the slide approximately 5mm to the rear" in order to push the slide catch lever out...basically just as you would with a 1911. In the real world, 5mm is approximately equivalent to the width of a .22 LR cartridge. On the P210, there is no notch or mark to indicate the exact slide position for disassembly...one of the unintended consequences of ultra-clean design. After removing the slide catch lever, everything comes apart in typical Browning-design fashion. No sweat.

The Sig Sauer P210 Standard Target 9mm has an MSRP of \$1,319...not exactly inexpensive, but about half of what you'd expect to pay for one of the earlier specimens. This is about as close to perfection as you'll find, and I'm not about to send it back to Sig!

SigSauer

72 Pease Boulevard

Newington, NH 03801

603-610-3000 • sigsauer.com

ECLIPSE HOLSTERS

Handmade holsters manufactured in Williamsburg, Virginia.



OWB Holster[^]

1911	P64-66688	\$49.95
GLOCK 17	P64-66691	49.95
SIG 320	P64-66689	49.95
S&W M&P 9/40	P64-66690	49.95

IWB Holster[^]

GLOCK 19	P64-66682	\$44.95
GLOCK 43, 43X	P64-66683	44.95
GLOCK 48	P64-66684	44.95
SIG 365	P64-66685	44.95
S&W M&P Shield	P64-66686	44.95
Shield .380 EZ	P64-66687	44.95



Eclipse Lunar Dump Tray[^]

The Eclipse Lunar Dump Tray is the best place to empty your pockets at the end of the day, ensuring that you'll find everything you need for the next one!

P64-66695 \$34.95



Eclipse Apollo 12 Wallet[^]

Hang on to your cash and your cards with this pocket safe! This Kydex wallet holds up to 12 cards. Forget wearing that bulky, uncomfortable wallet and carry a wallet that matches your style.



Black P64-66694 \$15.00
Brown P64-66693 15.00

"The Essentials"

Square Deal "B" 9mm Package, P64-35004:

SDB in 9mm
D-Terminator Digital Scale
The Complete Reloading Manual for the 9mm Luger
Digital Calipers
Primer Flip Tray
9mm Case Gage
SDB Bench Wrench
Dillon Case Preparation Guide (Not Pictured)
Mounting Hardware Kit

Total: \$666.20

Square Deal "B" Upgrade Kit, P64-35005:

SDB Strong Mount
Bullet Tray Kit
Empty Case Bin and Bracket

Total: \$142.35

RL 550C 9mm Package, P64-35001:

RL 550C
550 Conversion Kit, 9mm
9mm Die Set
D-Terminator Digital Scale
Lyman Reloading Manual
Digital Calipers
Primer Flip Tray
9mm Case Gage
1" Bench Wrench
Dillon Case Preparation Guide (Not Pictured)
Mounting Hardware Kit

Total: \$806.15

RL 550C .223/5.56 Package, P64-35003:

RL 550C
550 Conversion Kit, .223/5.56
Steel .223/5.56 Die Set
D-Terminator Digital Scale
Lyman Reloading Manual
Digital Calipers
Primer Flip Tray
Dillon Case Lube
.223/5.56 Case Gage
1" Bench Wrench
Dillon Case Preparation Guide (Not Pictured)
Mounting Hardware Kit

Total: \$838.10

RL 550C Upgrade Kit, P64-35002:

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

Total: \$174.30

XL 750 9mm Package, P64-35009:

XL 750 in 9mm
9mm Die Set
D-Terminator Digital Scale
Lyman Reloading Manual
Digital Calipers
Primer Flip Tray
9mm Case Gage
1" Bench Wrench
Dillon Case Preparation Guide (Not Pictured)
Mounting Hardware Kit

Total: \$966.15



"The Essentials," SDB 9mm



SDB Upgrade

Reloading Packages

XL 750 .223/5.56 Package, P64-35010:

XL 750 in .223/5.56
Steel .223/5.56 Die Set
D-Terminator Digital Scale
Lyman Reloading Manual
Digital Calipers
Primer Flip Tray
Dillon Case Lube
.223/5.56 Case Gage

1" Bench Wrench

Dillon Case Preparation Guide (*Not Pictured*)

Mounting Hardware Kit

Total: \$998.10

XL 750 Upgrade Kit, P64-35007:

550/650/750 Strong Mount

Bullet Tray Kit

Roller Handle

Total: \$147.35



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

Blue Press 13

RL 550C[^]

STANDARD FEATURES:

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

All for ONLY...
\$489^{95*}

P64-14261

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

RL 550C ACCESSORIES

RL 550 CALIBER CONVERSION KITS[^]

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

P64-RL550 CONVERSION \$49.95

(Exotic calibers, \$59.95[^])



AUTO POWDER MEASURE SYSTEMS[^]

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

- RL 550 Powder Measure **P64-20782, \$85.95 ea.**
- Magnum Rifle Powder Bar **P64-21353, \$33.95 each**
- X-Small Powder Bar **P64-20780, \$33.95 each**

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, **P64-22058, \$116.95**

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

POWDER DIES[^]

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

- P64-20064, \$13.45 each**
- Three or more, \$12.45 ea.**
- X-Large Powder Die, P64-21253, \$21.95 each**



TOOLHEADS

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

P64-13909, \$26.95 each; Three or more, \$24.95 ea.



TOOLHEAD STANDS

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

P64-22055, \$23.95 each
Three or more, \$21.95 ea.

Total Price as pictured with optional accessories: **\$811.10**

.45 ACP Die Set	P64-14404	\$71.95
Strong Mount	P64-22051	\$52.45
Roller Handle	P64-17950	\$48.95
Low Powder Sensor	P64-16306	\$43.95
Bullet Tray	P64-22214	\$45.95
Toolholder w/Wrench Set	P64-11541	\$30.95
Cartridge Case Bin/Bracket [^]	P64-11185	\$26.95

RL 550 CASEFEEDER UPGRADE[^]

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

Large Pistol **P64-14450**
Small Pistol **P64-14451**
\$294.95 (110v US Model)

Large Pistol **P64-14453**
Small Pistol **P64-14454**
\$304.95 (220v Euro Model)

CASEFEEDER CALIBER CONVERSIONS \$26.95 each

.25-20/.32-20 Winchester	P64-14206
.30 Mauser/7.62x25	P64-14204
.30 AAC Blackout	P64-62226
.32 S&W Long	P64-14205
.32 H&R Magnum	P64-14283
9mm/9x21/.38 Super/.30 Luger	P64-14284
10mm/9x25 Dillon	P64-14285
.38 S&W	P64-14208
.38 Super Comp.	P64-14287
.38/.357 Magnum	P64-14286
.357 SIG/.40 S&W	P64-14289
.38-40/.44-40 Winchester	P64-14288
.41 Magnum	P64-14290
.44 Russian	P64-14209
.44 Special/Magnum/Colt	P64-14291
.45 GAP	P64-11441
.45 ACP/.40 Super/.400 Cor-Bon	P64-14292
.45 Auto Rim	P64-19140
.45 Colt/.45 S&W/.454 Casull	P64-14279
.45 Winchester Magnum	P64-14210



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, **P64-13795, \$23.95**
- Master lock, **P64-13083, \$3.95**
- Quick-Change Cover[^] (for use with powder measure) **P64-11143, \$14.95**

1" BENCH WRENCH

- P64-10842, \$8.95 each**
- Two or more, \$8.10 ea.**



RL 550 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 P64-97016, \$34.95

550 SPARE PARTS KIT[^]

- 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
- P64-20048, \$20.95**

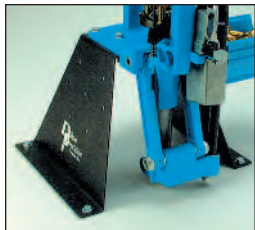
UNIVERSAL MOUNTING HARDWARE KIT

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

P64-14355, \$6.49

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

Dillon Reloading Accessories



A Strong Mount increases your machine's "footprint" to over 10", spreading the load over the whole bench instead of stressing the leading edge. For XL 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 650/750
XL 650/750-only
"SDB"

P64-22051 \$52.45
P64-22052 49.45
P64-22223 68.45

Our **Bullet Tray** is a simple, shallow aluminum tray designed and located for economy of motion. Our tray works on the Square Deal "B", RL 550 and XL 650/750 when equipped with the RL 550/650/750 Strong Mount, and a separate kit is available for the RL/Super 1050.

Bullet Tray Kit
1050 Tray Kit



P64-22214 \$45.95
P64-22215 45.95



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

P64-16306 \$43.95

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



XL 650 with Wrench Set
XL 650 w/o Wrench Set
RL 550/XL 750 with Wrench Set
RL 550/XL 750 w/o Wrench Set
SDB with Wrench Set

P64-11555 \$32.95
P64-11554 20.95
P64-11541 30.95
P64-11543 19.95
P64-19441 29.95

Note: Super 1050 Toolholders include Wrench Set

1050 with bracket
1050 w/o bracket
Ball-End Hex Wrenches
One-Inch Bench Wrench
SDB-Only Wrench

P64-62202 36.95
P64-62203 31.95
P64-11483 18.95
P64-10842 8.95
P64-19970 9.95



Color Coded Aluminum Toolheads for the RL 550 and XL 650/750 make it easy to tell at a glance which caliber you're set up to load.

Blue RL 550	P64-62132	\$30.95
Black RL 550	P64-62133	30.95
Gold RL 550	P64-62134	30.95
Silver RL 550	P64-62135	30.95
Blue XL 650/750	P64-62136	35.95
Black XL 650/750	P64-62137	35.95
Gold XL 650/750	P64-62138	35.95
Silver XL 650/750	P64-62139	35.95



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

P64-62225 \$27.95

Our **Toolhead Stands** for the RL 550 and XL 650/750 are the ultimate in convenience for keeping your reloading bench clean and uncluttered.

P64-22055, \$23.95 each
Three or more, \$21.95 ea.



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

P64-62200, \$49.95

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



SDB/550 Cover	P64-13795	\$23.95
XL 650/750 Cover	P64-10443	39.95
1050 Cover	P64-13239	39.95
Master lock	P64-13083	3.95
Pictured: SDB/550/650/750 Quick-Change Cover (for use with powder measure)		
	P64-11143	\$14.95

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

P64-13606, \$22.95 ea.

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

- 1 Large
- 1 Small
- 2 Small, 2 Large
- 4 Large
- 4 Small



- P64-22029 \$8.49**
- P64-22028 8.49**
- P64-20056 26.95**
- P64-20050 26.95**
- P64-20049 26.95**



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.

P64-97126 \$158.95

The **Powdercheck System** (available for XL 650/750 and Super 1050 reloading machines) sounds an alarm if the powder charge in a round is out of limits either high or low.

P64-21044, \$71.95 each
Three or more, \$64.95 ea.



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

P64-17950 \$48.95

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

P64-10842, \$8.95 each
Two or more, \$8.10 ea.



Our **Machine Maintenance Kits** come 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.

Machine Maintenance Kit with:

- SDB Spare Parts Kit P64-97015 \$37.95**
- 550 Spare Parts Kit P64-97016 \$34.95**
- 650 Spare Parts Kit P64-97017 \$42.95**
- 1050 Spare Parts Kit P64-97018 \$51.95**



"D-TERMINATOR" Electronic Scale

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

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

\$139.95
P64-10483

"ELIMINATOR" Balance-Beam Scale



\$89.95
P64-13480

The **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 \$52.95 each.

- Large Primer Filler **P64-97077 \$359.95**
- Small Primer Filler **P64-97111 359.95**
- Large (Euro. 220v) **P64-97112 369.95**
- Small (Euro. 220v) **P64-97113 369.95**
- Small Conversion **P64-17903 52.95**
- Large Conversion **P64-17902 52.95**
- Nylon Dust Cover[^] **P64-11143 14.95**



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Case Preparation Equipment



Vibratory Case Cleaners Case/Media Separators



CM-2000 Case/Media Separator [^] P64-20675 \$78.95
CM-500 Case/Media Separator [^] P64-21045 \$47.95

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.

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 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!

CV 2001 [^] , US 110v	P64-20493	\$191.95
CV-750 [^] , US 110v	P64-19455	146.95
Euro 220v CV-2001 [^]	P64-22047	216.95
Euro 220v CV-750 [^]	P64-19473	171.95

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.	P64-13804	\$8.95
Case (20 pc.)	P64-20255	135.95

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



8 oz. bottle	P64-13733	\$11.95
Case (20 pc.)	P64-20256	168.00

10 bottles of polish/10 of lube [^]		
Case (20 pc.)	P64-21375	\$152.95

Don't Forget Polishing Media!

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

15-pound bag P64-13287 \$23.95

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

10-pound bag P64-13496 \$15.95

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 **P64-62164** is **\$337.95**. (Available only in 110 volt 60 hz.) Size/trim dies are sold separately (see chart below). Replacement carbide cutting blades, **P64-13141**, are **\$20.95** each. Upper lock rings, **P64-13559**, are **\$5.99** each.

RT 1500 & 1200B Size/Trim Die Calibers[^]

.204 Ruger	P64-21028	\$65.95	RT 1500 Motor Only	P64-61500	\$306.95
.222 Rem.	P64-21363	65.95	RT 1500 Short Trim Dies		
.223 Rem.	P64-20107	58.95	NOTE: The following dies MUST be used with a Short Trim Die Toolhead.		
.223 Rem. Carbide	P64-19797	187.95	.300 Blk Carbide	P64-62140	\$187.95
.220 Swift	P64-21364	65.95	6.8 SPC	P64-62238	65.95
.22-250 Rem.	P64-20110	63.95	7.62 x 39	P64-62237	65.95
.243 Win.	P64-20109	63.95	Short Trim Die Toolheads		
.25-06 Rem.	P64-21367	65.95	RL 550	P64-62231	\$40.95
6.5 Creedmoor	P64-62290	65.95	<i>(Includes modified vacuum manifold.)</i>		
6.5 x 55mm	P64-21495	65.95	XL 650/750	P64-62112	36.95
.270 Win.	P64-20112	63.95	RL/Super 1050 [^]	P64-62219	230.95
7mm Rem. Mag.	P64-21366	65.95	<i>(Blue 1050 Toolhead Stand not included.)</i>		
.30-30 Win.	P64-20111	63.95			
.300 WSM	P64-21029	65.95			
.308 Win.	P64-20106	58.95			
.308 Win. Carbide	P64-62126	187.95			
.30-06	P64-20108	58.95			
.30-06 Carbide	P64-62159	237.95			
.300 Win. Mag.	P64-21370	65.95			
.300 Wby. Mag.	P64-21371	65.95			
.303 Brit.	P64-21765	65.95			
8 x 57 Mauser	P64-21502	65.95			
.338 Win. Mag.	P64-21368	65.95			

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.



P64-20095
\$109.95

6.8 SPC Back-Up Rod	P64-62124	\$21.95
9mm Adaptor	P64-62168	15.95
.40 S&W Adaptor	P64-62169	15.95



Stainless Steel Headspace Case Gages

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

.223 Remington	P64-13254	\$27.45
.308 Winchester	P64-12867	28.45
.30-06 Springfield	P64-12679	29.45
.380 ACP	P64-15160	16.45
9mm Parabellum	P64-15161	16.45
.38 Super	P64-15158	16.45
.38 S&W	P64-15159	16.45
.357 Magnum	P64-15163	16.45
.40 S&W	P64-15164	16.45
10mm	P64-15162	16.45
.44 Magnum	P64-15165	16.45
.45 ACP	P64-15166	16.45
.45 Colt	P64-15167	16.45
.45 GAP	P64-12672	16.45

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Blue Press 19

INTRODUCING XL 750[^]

STANDARD FEATURES:

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

All for ONLY...
\$649^{95*}

P64-750

Reloading dies sold separately.

*Prices vary on exotic-caliber machines.



650/750 Accessories

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)



P64-XL650 CONVERSION (Specify Caliber) **\$81.95***

*(All belted magnums and exotic calibers, \$91.95 ea.)



POWDER MEASURE[^]

P64-20782, \$85.95 each

Magnum Rifle Powder Bar

P64-21353, \$33.95 each

X-Small Powder Bar

P64-20780, \$33.95 each

QUICK CHANGE[^]

Toolhead, Toolhead Stand and Powder Measure

P64-22059, \$120.95

TOOLHEADS

P64-13863, \$32.95 each

Three or more, \$30.95 ea.

POWDER DIES[^]

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

P64-20064, \$13.45 each, three or more, \$12.45 ea.

X-Large Powder Dies, **P64-21253, \$21.95 each**



TOOLHEAD STANDS

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

P64-22055, \$23.95 each

Three or more, \$21.95 ea.

EQUIPMENT DUST COVERS[^]

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

650/750 Cover, **P64-10443, \$39.95**

(P.) Master lock, **P64-13083, \$3.95**

Quick-Change Cover (for use with powder measure) **P64-11143, \$14.95**



XL 750 PRIMING SYSTEM[^] (Not Pictured)

Priming System Assembly **P64-75100 \$74.95**

DON'T FORGET ONE OF THESE!

Mounting Hardware Kit **P64-14355 \$6.49**

1" Bench Wrench **P64-10842 8.95**

Buy two or more Bench Wrenches for \$8.10 each

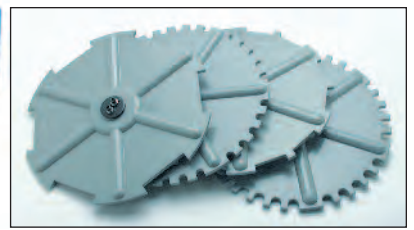
<i>XL 750 total price as pictured here with optional accessories: \$1318.05</i>	
<i>Variable-Speed Electric Casefeeder</i>	P64-210** \$299.95
<i>Powdercheck System</i>	P64-21044 \$71.95
<i>.45 ACP Die Set</i>	P64-14404 \$71.95
<i>Strong Mount (550/650/750)</i>	P64-22051 \$52.45
<i>Roller Handle</i>	P64-17950 \$48.95
<i>Low Powder Sensor</i>	P64-16306 \$43.95
<i>Bullet Tray</i>	P64-22214 \$45.95
<i>RL 550/XL 750 Toolholder w/Wrench Set</i>	P64-11555 \$32.95

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110/220v Variable-Speed Casefeed Assembly

Large pistol	P64-21080 \$299.95
Large rifle	P64-21081 299.95
Small pistol	P64-21079 299.95
Small rifle	P64-21082 299.95
Magnum rifle	P64-21083 310.95



Casefeed Plate[^]

Large pistol	P64-21072 \$39.95
Large rifle	P64-21075 39.95
Magnum rifle	P64-18492 50.95
Small rifle	P64-21074 39.95
Small pistol	P64-21073 39.95

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 & XL 750 Sp. Parts Kit P64-97500, \$58.95



SPARE PARTS KIT[^]

- 1 650 Ejector Wire
- 1 Slide Spring Pin
- 1 Indexer Spring
- 1 650 Index Pawl
- 1 650 Primer Cam
- 1 XL 750 Ring Indexer
- 2 Pistol Decapping Pins
- 1 650 Index Spring Revision A
- 1 #10 Tinnerman Insert
- 1 Index Arm Bowed Washer
- 1 Short Lever Spring
- 1 Bellcrank Cube
- 1 3/8" Index Ball
- 1 Powder Bar Spacer Plug
- 1 650 Brass Tip Set Screw
- 4 Locator Pins (#1, #2, #3, #4)
- 1 5/16" Index Ball
- 1 Tab/Spring Arm Spring
- 1 Case Insert Slide Spring
- 1 650 Pawl Spring
- 1 Index Ball Spring
- 2 Pickup Tube Tips, Small
- 1 650 Tool Head Pin
- 2 Pickup Tube Tips, Large
- 1 Primer Cup Spring
- 2 Retaining Clips
- 2 650 Shellplate Cap
- 1 650 Primer Support Shim
- 1 Case Insert Slide Spring Cap
- 2 Dispensing Tips, Large
- 2 Dispensing Tips, Small
- 2 SDB #10 Rod Washer
- 1 550 Primer Slide Roller
- 1 Slide Roller Post
- 1 550 Slide Return Spring
- 1 Primer Retaining Pin Spring
- 1 10-24 x 7/8" SHCS
- 1 Primer Retaining Pin
- 1 XL 750 Primer Punch, Large
- 1 XL 750 Primer Punch, Small
- 1 XL 750 Primer Cup, Large
- 1 XL 750 Primer Cup, Small
- 1 XL 750 Primer Punch Spring
- 2 Adj. CF Port Cuff Nut

P64-75111, \$29.95

PRIMER PICKUP TUBES

Used to transfer primers from flip tray to priming system.

1 Lg.	P64-22029 \$8.49
1 Sm.	P64-22028 8.49
2 Sm., 2 Lg.	P64-20056 26.95
4 Lg.	P64-20050 26.95
4 Sm.	P64-20049 26.95

PRIMER FLIP TRAY

A heavy, high-quality tray large enough for the Federal primer package. **P64-13606, \$22.95 ea.**





Julie Golob @JulieGolob

- US Army Athlete of the Year
- IPSC Ladies World Champion
- Only 7 Division USPSA Ladies National Champion
- High Master & Action Pistol Record Holder
- 50+ National and World Titles

1. First gun you ever fired?

Julie: Single stack 1911 loaded with super light .45 ACP loads. I'm surprised it even cycled!

Heather: A Red Ryder bb gun funny enough. No, I did not shoot my eye out, lol.

2. What's your favorite gun?

Julie: It's so tough to choose, but I love my blued Smith & Wesson 9mm 1911 with custom work by Pete Single. Not only is it beautiful but it helped me win my IPSC Ladies Classic gold medal.

Heather: I have three, because I use them in 3-Gun. My Benelli M2, my 2011 customized by Hayes Custom Guns and my

Get 2

Lone Star Armory TX-15.

3. Do you have any rituals before you shoot?

Julie: I check all my gear and go through my stage plan before I get to the line, then I breathe, smile and have fun.

Heather: I didn't use to, but recently I've started doing "combat breathing" to calm my nerves and improve my focus.

4. What's the one thing you wish you could change about the gun industry?

Julie: That those who don't understand our lifestyle would open their minds and stop demonizing gun owners.

Heather: It's something I've been working on for some time and that is the view of women in the industry. We're capable and formidable competitors.

5. Most useless thing you own?

Julie: A pasta maker. I've had it for years and have never used it. I still hang on to it, just in case I ever do.

Heather: Miniature Rubber duckies. I have 32 in various costumes.

6. Favorite food?

Julie: Seafood.

Heather: Prime Rib w/Mashed Potatoes.

7. Favorite place on Earth?

Julie: Home, with my family.

Heather: Hiking in the Mountains.

8. Most annoying thing about you?

Julie: I have a million things going on all at the same time that I have to constantly check my schedule, plans and to-do lists.

Heather: I talk way.....too much.

9. Craziest thing you've ever done?

Julie: Back in my Army days I flew with the

Julie Golob

Know

Golden Knights before one of their jumps.

Heather: Climbing onto icy, slippery rocks on the Atlantic Ocean, in Maine, in minus-24 degrees to get a picture of a lighthouse.

10. Dream job?

Julie: I'm living it as a pro shooter who gets to share my passion for shooting sports with others.

Heather: Well, I just achieved this one... working for STI International. I'm the Regional Sales Manager for the Southeast. My days are full of shooting events and sharing my passion with others and showing them the best pistols in the World.

11. Who has inspired you the most?

Julie: It's impossible to name just one person as I have looked up to so many in competitive shooting and beyond. I think it's important to follow those who have paved the way before you and to also forge a path that's right for you.

Heather: My father. He is everything I want to be when I grow up. Strong, smart, street smart, a fighter and a lover. He is the kindest man I know. He taught me that you can be a total badass and love cuddly animals too.

12. Who would play you in a movie?

Julie: Katheryn Winnick.

Heather: Jennifer Aniston, like me she has good hair. Plus, I think she'd be able to portray what a goofball I am when I'm not in "work mode."

13. If you could have a conversation with anyone from the past, who would it be?

Julie: I would love to not only sit down and chat with Annie Oakley, it would be wonderful to shoot with her too!



Heather Miller @3gunheather

- Professional Shooter
- STI Regional Sales Manager
- Benelli USA Pro Team
- Focchi USA Pro Team
- Leupold Optics Pro Staff

Heather: Joan of Arc.

14. Who's in your regular crew?

Julie: My family, my close girlfriends and then on the road and the boys, Rob Leatham, Kyle Schmidt and Dave Mathis when I compete.

Heather: My fiance, my shooting buddies, and a bunch of Green Berets out of Ft. Bragg (if you don't know what movie this line is from, you're wrong, fix it).

15. Words to live by?

Julie: Dream big. Work hard. Be grateful.

Heather: "Put one foot in front of the other and don't stop till you get there."



Heather Miller

Dillon Leather by Mitch Rosen!



5JR-DL

\$75

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

Beretta 92	P64-18817
Colt Government Model	P64-18810
Colt Commander	P64-18811
Colt Officers	P64-18812
GLOCK 17, 22, 31	P64-18813
GLOCK 19, 23, 32	P64-18814
GLOCK 26, 27, 33	P64-18815
GLOCK 20, 21	P64-18816
GLOCK 42	P64-10034
GLOCK 43	P64-10035
GLOCK 43X	P64-11919
GLOCK 48	P64-11920
SIG P220, P226	P64-18818
SIG P228, P229	P64-18827
SIG P320 4.7"	P64-10032
SIG P365	P64-10033
S&W M&P 9mm/.40 Auto	P64-19011
S&W M& Police SHIELD™	P64-12241
S&W 2" J-Frame Revolver	P64-18820
Ruger 2.25" SP-101 Revolver	P64-18828



El Raton-DL

\$50

This pocket holster secures and properly positions a J-Frame revolver in your pocket. Will not come out when you draw.
2" J-Frame S&W Revolver P64-18843



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	P64-19372
S&W 4" Lugged Bbl. L-Fr.	P64-19373
S&W 4" Light Bbl. N-Frame	P64-19374
S&W 4" Lugged Bbl. N-Fr.	P64-19375
S&W 5" Lugged Bbl. N-Fr.	P64-19376



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	P64-18859	32" Waist	P64-18873
34" Waist	P64-18860	34" Waist	P64-18867
36" Waist	P64-18861	36" Waist	P64-18868
38" Waist	P64-18862	38" Waist	P64-18869
40" Waist	P64-18863	40" Waist	P64-18870
42" Waist	P64-18864	42" Waist	P64-18871
44" Waist	P64-18865	44" Waist	P64-18872

5.11 Tactical®



Double Duty TDU®

Trainer

Operator

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

5.11® Double Duty TDU Reversible 1.5" Belt

Waist Size	1.5" TDU®	
Small 28-30"	P64-21599	\$22.95
Medium 32-34"	P64-21600	22.95
Large 36-38"	P64-21601	22.95
X-Large 40-42"	P64-21602	22.95
2X-Large 44-46"	P64-21603	25.95
3X-Large 48-50"	P64-21604	25.95
4X-Large 52-54"	P64-21605	25.95

5.11® 1.5" Trainer Belt & 1.75" Operator Belt

Waist Size	1.5" Trainer	1.75" Operator	
Sm. 28-30"	P64-21613	P64-21606	\$39.99
Med. 32-34"	P64-21614	P64-21607	39.99
Lg. 36-38"	P64-21615	P64-21608	39.99
X-Lg. 40-42"	P64-21626	P64-21609	39.99
2X-Lg. 44-46"	P64-21627	P64-21610	44.99
3X-Lg. 48-50"	P64-21628	P64-21611	44.99
4X-Lg. 52-54"	P64-21670	P64-21612	44.99

BLADE-TECH™



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

Titan Black Nylon 1.5"	P64-12380	\$49.99
Titan Brown Nylon 1.5"	P64-12383	49.99
Defender Black Leather	P64-12384	59.99
Defender Brown Leather	P64-12385	59.99

Dillon's "Plan B" Very-Bad-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" Holster P64-10252 \$24.95



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)
 CZ 75 3.75" SP01
 GLOCK 17/22
 GLOCK 19/23
 GLOCK 20/21
 GLOCK 34/35
 SIG 4.7" P320/X5
 S&W 4" M&P (also fits Gen2)
 S&W 4.25" M&P 2.0
 Springfield 5" XD/Mod 2 9/40
 Springfield 4.5" XDM
 Springfield 5.25" XDM
 STI Edge

P64-40148	\$34.99
P64-10038	34.99
P64-40140	34.99
P64-40139	34.99
P64-40142	34.99
P64-40141	34.99
P64-10036	34.99
P64-40149	34.99
P64-10037	34.99
P64-40144	34.99
P64-40145	34.99
P64-40146	34.99
P64-40147	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
 GLOCK 43
 Ruger LC9
 SIG P365
 S&W J-Frame Revolver
 S&W M&P Shield
 Springfield XDS

P64-43396	\$29.99
P64-43398	29.99
P64-43394	29.99
P64-43401	29.99
P64-43397	29.99
P64-43395	29.99
P64-43393	29.99



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



32"	P64-12242	\$49.99
34"	P64-12243	49.99
36"	P64-12245	49.99
38"	P64-12246	49.99
40"	P64-12247	49.99
42"	P64-12249	49.99
44"	P64-12251	49.99
46"	P64-12253	49.99
48"	P64-12255	49.99



Large Tek-Loc™ Universal Belt Clip P64-40029 \$12.99

BLADE-TECH Magazine Pouches



Single Mag	\$19.99 ea.
1911	P64-40150
Small GLOCK	P64-40151
Large GLOCK	P64-40152
Double-Stack 9/40	P64-40153
Double-Stack .45	P64-40154
Double Mag	\$29.99 ea.
1911	P64-40155
Small GLOCK	P64-40156
Large GLOCK	P64-40157
Double-Stack 9/40	P64-40158
Double-Stack .45	P64-40159

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	P64-11560
4-5/8" Ruger Blackhawk	P64-15765
2" J-Frame S&W Rev.	P64-15764
GLOCK 17/22	P64-62277
GLOCK 19/23	P64-62278
5" 1911 (pictured)	P64-62279
4" 1911	P64-62288



\$79⁹⁵

This holster/mag pouch combination was designed for the Single Action Shooting Society's "Wild Bunch" category, incorporating a holster and mag pouch that look like they were made at the turn of the century, yet feature state-of-the-art speed and accuracy. 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	P64-19947	\$139.95
Mag Pouch	P64-19946	44.95



SAFARILAND Custom Fit, ALS 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

4" N-Frame S&W Revolvers	P64-19262	\$43.95
5" N-Frame S&W Revolvers	P64-19263	43.95
Beretta Compact, Taurus Compact, CZ-75, Colt Commander Model	P64-19264	43.95
	P64-19265	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.

GLOCK 17/22	P64-19444	\$39.95
SIG 220/226	P64-19446	39.95
SIG 220/226 with Accessory Rail (no light)		
	P64-19447	39.95
SIG 228	P64-19445	39.95
S&W M&P 9/40	P64-19448	39.95
Springfield 5" XD 9/40	P64-40075	39.95
Springfield XDM 9mm	P64-40076	39.95
Springfield XDM .40	P64-40077	39.95

Comp-Tac



Comp-Tac QB

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

QB Size 1 fits: GLOCK 9/.40/.357 all lengths, GLOCK 41, GLOCK 36; S&W M&P 9/.40/.357 all lengths (not Shield); Walther PPK/M2 all lengths **P64-43380 \$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 PPK .45 **P64-43381 \$49.95**

QB Size 3 fits: GLOCK 43; Springfield XD-S; S&W Shield; Walther PPS; Walther CCP **P64-43382 \$49.95**

QB Size 4 fits: 1911s – Colt, Kimber, Springfield including TRP Half and Full Rail, SIG 1911s, all Mil-Spec 1911s **P64-43383 \$49.95**



IDPA Revolver Competition Holster (Above, Left)

4" K-Frame S&W Revolvers **P64-13029 \$64.99**
 4" L-Frame S&W Revolvers **P64-13032 \$64.99**
 2.5" N-Frame S&W Revolvers **P64-13035 \$64.99**
 4" N-Frame S&W Revolvers **P64-13038 \$64.99**

USPSA Revolver Competition Holster (Above, Right)

6" K-Frame S&W Revolvers **P64-13030 \$64.99**
 6" L-Frame S&W Revolvers **P64-13033 \$64.99**
 5" N-Frame S&W Revolvers **P64-13043 \$64.99**
 6.5" N-Frame S&W Revolvers **P64-13044 \$64.99**



Comp-Tac Speedloader Holders (Above, From Left)

N-Frame S&W Revolvers **P64-48968 \$32.00**
 K/L-Frame S&W Revolvers **P64-48969 \$32.00**
 J-Frame S&W Revolvers **P64-48967 \$32.00**

26 Blue Press

SAFARILAND



002 "Cup Challenge" (Pictured)

6" S&W K,L,N; Std. bbl. **P64-17788 \$69.95**

333 "Speedloader Holder" (Pictured)

S&W K-Frame **P64-12411 \$34.95**
 S&W L-Frame **P64-13087 \$34.95**

"Competition Speedloaders" (Pictured)

S&W K-Frame **P64-13224 \$19.95**
 S&W L-Frame **P64-13117 \$19.95**

Revolver "Speedloaders"

S&W J-Frame (5-Shot) **P64-12405 \$11.95**
 S&W K-Frame **P64-13104 \$11.95**
 S&W L-Frame **P64-13074 \$11.95**

"Speedloader" Holders

Sm./Med. Fr. **P64-10340 \$9.95**

"Speedloader Loading Blocks"

S&W K-Frame **P64-12262 \$24.95**
 S&W L-Frame **P64-12878 \$24.95**

North Mountain



I've tried several methods of holding my moon clips, and the North Mountain Moon Clip Holder 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 **P64-21883 \$130.00**

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" **P64-21900 \$35.00**
 "L-Frame" **P64-21914 \$35.00**



Stainless EDM 8-Shot Moon Clips

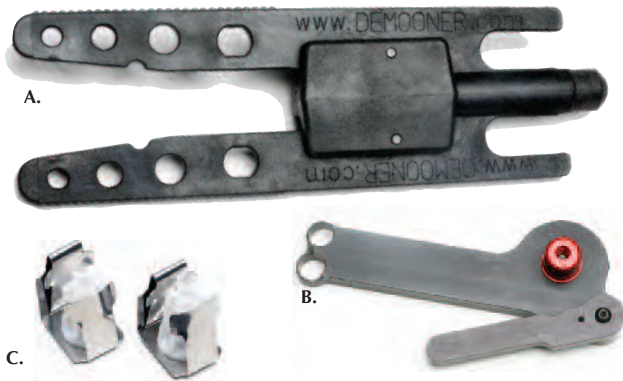


These .025 EDM Stainless Moon Clips are designed to fit Remington brass SNUGLY, eliminating nasty "cartridge flop" when you reload.

Sold in Packages of 10 for 8-Shot S&W 627 Revolvers P64-16510 \$59.95

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California Competition Works Moon Clip Tools & Carriers



A. Demooner Tool	P64-18169	\$16.95
B. MoonLoad/Unload 8-Shot .357	P64-19490	39.95
MoonLoad/Unload 6-Shot .45	P64-19489	39.95
<i>(Works with #16510 8-shot EDM .38/.357 moon clips on Pg. 26)</i>		
.483" Repl. MoonLoad Mandrel	P64-33395	8.00
.493" Repl. MoonLoad Mandrel	P64-33396	8.00
.510" Repl. MoonLoad Mandrel	P64-33397	8.00
.530" Repl. MoonLoad Mandrel	P64-33398	8.00
.538" Repl. MoonLoad Mandrel	P64-33399	8.00
.590" Repl. MoonLoad Mandrel	P64-33400	8.00
.596" Repl. MoonLoad Mandrel	P64-33401	8.00
.620" Repl. MoonLoad Mandrel	P64-33402	8.00
.649" Repl. MoonLoad Mandrel	P64-33403	8.00
C. 6-Shot Mn. Clip Holder (2 ea.)	P64-18173	17.90
Blued .45 ACP Mn. Clips (10 ea.)	P64-18183	9.80
Stainless .45 ACP Mn. Clips (10 ea.)	P64-18280	10.50
10mm Moon Clips (10 ea.)	P64-18184	11.20
8-Shot .357 Moon Clips (10 ea.)	P64-19228	19.95

California Competition Works .22 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 (not pictured) is CNC machined from polymer and holds 120 rounds of .22 LR ready for insertion into speedloaders.



CCW Model 617 Speedloader	P64-12623	\$34.95
Model 617 Speedloader Handle	P64-43385	10.00
CCW .22 LR 120 Rd. Loading Block	P64-12627	49.95

TK Custom Moon Clips



Chiappa Rhino 9mm/.40 S&W (10 Pk)	P64-12040	\$65.00
Chiappa Rhino .38/.357 (10 Pk)	P64-12043	65.00
N-Fr. 9/.38 ACP 8-Shot (Blue) (10 Pk)	P64-12044	39.95
L-Fr. 9/.38 ACP/.40 6-Shot (Blue) (10)	P64-12057	39.95
S&W N-Fr. .45 ACP 6-Shot (10 Pk)	P64-12058	19.95
S&W N-Fr. .45 ACP EDM 6-Shot (10)	P64-12059	74.95
S&W L-Fr. .38/.357 7-Shot (10 Pk)	P64-12065	64.95
S&W L-Fr. .38/.357 6-Shot (10 Pk)	P64-12066	64.95
S&W J-Fr. .38/.357 5-Shot (5 Pk)	P64-12088	32.50
S&W K-Fr. .38/.357 6-Shot (10 Pk)	P64-12090	64.95
S&W N-Fr. .38/.357 8-Shot EDM (10)	P64-12091	64.95
N-Fr. .38/.357 8-rd. EDM Starline ONLY(10)	P64-12092	64.95
S&W N-Fr. .38/.357 8-Shot (Blue) (10)	P64-12093	39.95

TUFF PRODUCTS QuickStrips



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

.22 LR-Mag./17HM2-HMR (10 rd.)	P64-11737	\$8.50
.32/.327/9mm (8 rd.)	P64-11738	8.50
.38/.357/.40/10mm (5 rd.)	P64-11740	8.50
.38/.357/.40/10mm (6 rd.)	P64-11741	8.50
.38/.357/.40/10mm (7 rd.)	P64-27083	8.50
.38/.357/.40/10mm (8 rd.)	P64-11742	8.50
.44 Sp.-Mag./.45 Colt/.460 S&W/.410 Shotgun (6 rd.)	P64-11750	8.50

SDM S&W Revolver Front Sights



Pin-In Front Sight – \$28.00	Classic Slip-In Sight – \$35.00
.250" high, red P64-18379	.250" high, red P64-18375
.250" high, green P64-18380	.250" high, green P64-18376
.300" high, red P64-18381	.300" high, red P64-18377
.300" high, green P64-18382	.300" high, green P64-18378
Pin-In Front Sight – \$44.95	Classic Slip-In Sight – \$44.95
.250" Gold Bead P64-18565	.250" Gold Bead P64-18567
.300" Gold Bead P64-18566	.300" Gold Bead P64-18568

W.C. Wolff Co. Revolver Springs

(Hammer/Trigger Return Springs)	
Ruger GP-100	P64-11367 \$10.50
SP-101	P64-12598 9.50
S&W J Frame	P64-12189 9.00
(Mainspring/Rebound Springs)	
S&W K,L,N (standard)	P64-15073 \$15.00
S&W K,L,N (reduced power)	P64-15072 15.00

Apex Tactical Specialties



S&W J-Frame Duty/Carry Spring Kit – Installation of this kit reduces the trigger pull weight by approximately 3 pounds from factory specifications.	P64-14309 \$25.95
S&W Revolver Frame-Mounted Firing Pin – The combination of the Firing Pin and the Reduced Power Firing Pin Return Spring is designed to reduce the probability of light strikes.	P64-21888 \$15.95

HOGUE®



Monogrips
\$26.95

S&W K, L, N, X, Z Frame Round Butt Rubber Tamer Conversion Monogrip. An extra layer of padding helps absorb recoil and adds trigger reach for those with larger hands or long fingers.

P64-10181 \$29.95

Square Butt Monogrips
Colt Python P64-12138
K, L-Fr. Square Butt P64-12786
N-Fr. Square Butt P64-12145
N-Fr. Round Butt P64-18100
Round Butt Monogrips
Ruger SP-101 P64-14833
S&W J-Fr. Round Butt P64-12277
K, L-Fr. Round Butt P64-12549



Jerry Miculek Competition Grips
\$79.95



"BIG Butt" Grips
\$79.95

N-Fr. Round Butt P64-11324
N-Fr. Square Butt P64-11325
K, L-Fr. Round Butt P64-11327
K, L-Fr. Square Butt P64-11326

BIG Butt Grips
S&W N-Fr. Rd. Butt P64-12141
K, L-Fr. Rd. Butt P64-12140

ERGO Grip



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. Fits round butt J-Frames. Will not fit on Smith and Wesson Bodyguard 38 Model.

P64-19684 \$19.95

ODIN Ready Bag

ODIN Works introduces the new ODIN Ready Bag[^] (ORB)

featuring multiple pockets and pouches for mags, small gear, a clip for your keys, a water bladder pouch, and soft dividers inside to take down and pack your AR-15 while keeping parts safe and separated. For those builds with longer barrels, there is an extendable pouch at the top to ensure that any rifle will fit and be carried with ease. Whether you're going to the range, out on a hunting trip, or just hiking through the woods, packing your gear has never been easier!



- Quick-release compression straps
- Four D-ring attachment points
- Key clip
- Loop and hook fasteners
- MOLLE fasteners
- Reinforced handles
- Two water-bottle pockets
- Ambidextrous shoulder strap
- Locking buckle
- Dividing panels that separate an AR upper and lower
- Water-bladder pouch and hole for hose
- Pocket extender: *Can remain in bag as a pocket or extend up through the zipper to fit longer barrels*
- Available in black or coyote brown
- Dimensions: 28" x 7" x 6"

ORB Black
ORB Brown

P43-66696 \$99.00
P43-66697 99.00

Pachmayr Pac-Mag Gun Concealment Magnet



The Pachmayr Pac-Mag™ Holds up to 30 pounds and the three-magnet design gives the Pac-Mag more strength than any other gun magnet on the market. Secure almost any gun – pistol, rifle or shotgun – practically anywhere!

P43-10098 \$19.99

SnapSafe Modular Vaults LOCKBOX



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".

P43-01044 \$19.95



Sack-Ups Protective Gun Sacks



Sand Viper AR-15
Sand Viper M24 Bolt Rifle
Handgun, 13.5" Gray
Handgun, 13.5" Black
Handgun, 13.5" Natural
Shotgun, 42" Black
Rifle/Shotgun, 52" Gray
Rifle/Shotgun, 52" Black
Rifle/Shotgun, 52" Natural
Muzzleloader, 72" Gray
Shotgun Rcvr., 24" Gray
Shotgun Bbl., 36" Gray

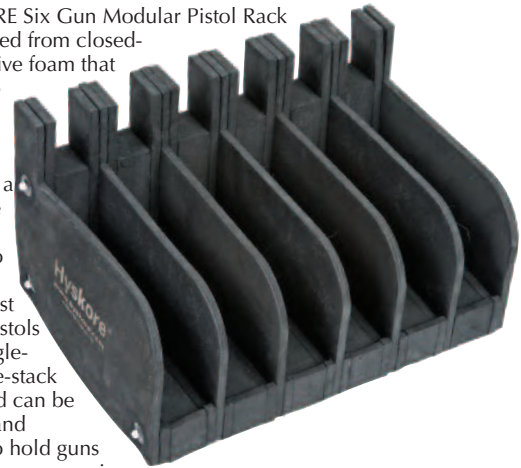
P43-17378 \$28.99
P43-17348 28.99
P43-17249 7.99
P43-17250 7.99
P43-17252 7.99
P43-17253 10.99
P43-17247 8.99
P43-17248 10.99
P43-17251 8.99
P43-17254 11.99
P43-17257 8.99
P43-17256 8.99

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.



P43-10208 \$19.99

Rust IS coming after your guns

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

DESI®PAK (2 bags, 1 card)

P43-21435 \$16.95
4-ounce bag **P43-14694 4.95**
2-ounce bag **P43-14695 2.95**
Humidity Indicator Card, 6 pack
P43-21523 4.95



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

Blue Press 29

SUPER 1050[^]

STANDARD FEATURES:

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

All for **ONLY...**

\$1881^{95*}

*Prices vary on exotic-caliber machines.

SUPER 1050 Stock Numbers

.380 ACP	P64-21135
9mm Parabellum	P64-21067
.38 Super	P64-21132
.38 Super Comp	P64-21069
.38 Special	P64-21136
.357 Magnum	P64-21137
.40 S&W	P64-21070
10mm	P64-21138
.41 Magnum	P64-21139
.44 Special	P64-21140
.44 Magnum	P64-21141
.45 ACP	P64-21061
.45 Colt	P64-21133
.223 Remington	P64-21130
.223 Rem./Carbide \$1963.95*	P64-21131
6.5 Creedmoor	P64-62404
.300 BLK/Carbide \$1953.95*	P64-62388
.308 Winchester	P64-21058
.308 Win./Carbide \$1971.95*	P64-21068

(See Page 31 for more caliber listings.)

1050 Accessories

QUICK-CHANGE TOOLHEAD CONVERSION[^]

Includes:

- Toolhead
- Powder Measure

P64-21393, \$283.95

CALIBER CONVERSION[^]

Includes:

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



Pistol Calibers

- .32 ACP
- .32 S&W Long
- .32 H&R Magnum
- .380 ACP
- 9mm Parabellum
- .38 Super
- .38 Super Comp
- .38 Special
- .357 Magnum
- .357 SIG
- .38-40 Winchester
- .40 S&W
- 10mm
- .41 Magnum
- .44 Special
- .44 Magnum
- .44-40 Winchester
- .45 GAP
- .45 ACP
- .45 Colt
- .475 Linebaugh
- .480 Ruger
- .500 S&W Magnum

Conversion#/Price

- #20633/\$128.95
- #20634/\$128.95
- #20634/\$128.95
- #20483/\$128.95
- #20482/\$128.95
- #20484/\$128.95
- #21057/\$128.95
- #20477/\$128.95
- #20477/\$128.95
- #20068/\$128.95
- #21160/\$128.95
- #20545/\$128.95
- #20788/\$128.95
- #20478/\$128.95
- #20479/\$128.95
- #21161/\$128.95
- #21010/\$128.95
- #20480/\$128.95
- #20481/\$128.95
- #20833/\$165.95
- #20833/\$165.95
- #20834/\$165.95

Machine#/Price

- #21162/\$1881.95
- #21134/\$1881.95
- #21134/\$1881.95
- #21135/\$1881.95
- #21067/\$1881.95
- #21132/\$1881.95
- #21069/\$1881.95
- #21136/\$1881.95
- #21137/\$1881.95
- #21127/\$1919.95*
- #21158/\$1881.95
- #21070/\$1881.95
- #21138/\$1881.95
- #21139/\$1881.95
- #21140/\$1881.95
- #21141/\$1881.95
- #21159/\$1881.95
- #21002/\$1881.95
- #21061/\$1881.95
- #21133/\$1881.95
- call
- call
- #20428/\$1946.95*

Rifle Calibers

- .223 Remington
- .223 Rem./Carbine
- .22-250
- .243 Winchester
- 6.5 Creedmoor
- 6.8 SPC
- .270 Winchester
- .30 Carbine
- 7.62x39
- .300 AAC Blackout
- .30-30 Winchester
- .300 WSM
- .303 British
- .308 Winchester
- .308 Win./Carbine
- .30-06 Springfield
- .30-06 Sp./Carbine
- .45-70 Government

Conversion#/Price

- #20485/\$128.95
- call
- #21055/\$146.95
- #21054/\$146.95
- #62403/\$146.95
- #20468/\$146.95
- #21053/\$146.95
- #20626/\$146.95
- #20631/\$165.95
- #62374/\$128.95
- #21052/\$146.95
- #20466/\$175.95
- #21051/\$146.95
- #21049/\$146.95
- call
- #21050/\$209.95
- call
- #21056/\$179.95

Machine#/Price

- #21130/\$1881.95
- #21131/\$1963.95*
- #21129/\$1881.95
- #21126/\$1881.95
- #62404/\$1881.95
- #21150/\$1931.95*
- #18491/\$1881.95
- #21142/\$1898.95*
- #21144/\$1931.95*
- #62388/\$1953.95*
- #21003/\$1881.95
- #21110/\$1946.95*
- #21060/\$1881.95
- #21058/\$1881.95
- #21068/\$1971.95*
- #21059/\$1946.95*
- #62178/\$2104.95*
- #21064/\$1999.95*



1050 TOOLHEAD STAND

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

P64-62200, \$49.95

Total price as pictured here with optional accessories: **\$2030.75**

Powdercheck System

Low Powder Sensor

Bullet Tray

1050 Toolholder

P64-21044 \$71.95

P64-16306 \$43.95

P64-22215 \$45.95

P64-62202 \$36.95

1050 PRIMER SYSTEM[^]

Large primer system conversion

P64-20476 \$129.95

Small primer system conversion

P64-20419 129.95

EXTRA CASEFEED PLATE[^]

Large pistol

P64-21072 \$39.95

Large rifle

P64-21075 39.95

Small rifle

P64-21074 39.95

Small pistol

P64-21073 39.95

1050 POWDER MEASURE[^]

P64-20421 \$90.95

1050 TOOLHEAD[^]

P64-20420 \$204.95



1050 TOOLHOLDER

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

With bracket **P64-62202, \$36.95**

W/O bracket **P64-62203, \$31.95**

Ball End Dipped Wrench Set

P64-62161, \$18.95

BULLET TRAY

Designed for "economy of motion" when loading.

P64-22215, \$45.95



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

P64-97018, \$51.95

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. **P64-13239, \$39.95**

Master lock **P64-13083, \$3.95**

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

P64-20779, \$37.95

PRIMER PICKUP TUBES

Used to transfer primers from flip tray to priming system.

1 Lg. **P64-22029 \$8.49**

1 Sm. **P64-22028 8.49**

2 Sm., 2 Lg. **P64-20056 26.95**

4 Lg. **P64-20050 26.95**

4 Sm. **P64-20049 26.95**

PRIMER FLIP TRAY

A heavy, high-quality tray large enough for the Federal primer package. **P64-13606, \$22.95 ea.**



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

"INCOMING!"

REBUTTALS to "Why the .45 ACP Failed" and "Achy Breaky Hands" in the October Issue

Bill England, MD

billengland.md@gmail.com

I just returned from Thunder Ranch training with a 15-round Remington 1911 in .45 ACP. *The Blue Press* was waiting for me and I read the article by Duane Thomas. It is an interesting but flawed article. Usually the purpose of magazine articles is to sell stuff, not logically develop a thesis. And telling people what they want to hear is always a good way to sell stuff.

The crux of his article is in the first paragraph: "Results from the street have shown that there's no real difference in overall stopping performance between the popular service autopistol cartridges. Once we accept that 9mm and .45 work the same, it's awfully hard to justify choosing a more heavily recoiling gun carrying less ammo, when we could be choosing a more lightly recoiling gun with more ammo."

This article desperately needs footnotes to support these premises. I'm a pretty widely read guy and have been following the wound ballistics literature for nearly 40 years. That first sentence could have come from a political speech: an appeal to authority and invention of supporting evidence and undefined terms. "Results from the street" needs to be documented. I have not seen a good scientific study supporting this statement. I'm sure Marshall and Sanow are good guys, but collecting anecdotes isn't science, nor is asking your experienced street cop buddy what he thinks. "Stopping performance" is similarly elastic like Bill Clinton talking about "investing in America."

What do we need a bullet to do? We need a bullet to penetrate the target and damage vital structures, leading to rapid physiologic incapacitation. If we require instant incapacitation, we need the bullet to destroy the high spinal cord or penetrate into the brain, but we better be damn fine shots to make this happen. To get this penetration we need relatively heavy for caliber bullets that are adequately constructed, as ably demonstrated by McPherson. Our probability of damaging those vital structures and rapidly causing exsanguination is improved by increasing the diameter of the penetrating bullet, hence the desire for expansion if it does not overly impede penetration, as the area will increase by the square of the radius and the rate of exsanguination will be increased by approximately the fourth power.

This gives the .45 quite an edge over a .355.

Does size really matter? Of course it does. Let's consider a thought experiment. Imagine a target, be it a whitetail deer or a 250-pound felon trying to kill you with a knife. First consider a handgun firing a sewing needle at sufficient velocity to completely penetrate the target but not expanding. Second, consider a .22 rim-fire. Third, consider a 9mm 124-grain JHP. Finally, consider a 12-gauge slug. Any knowledgeable shooter would quickly concede that these four projectiles would cause tissue destruction and hemorrhage in increasing proportion to the size of the projectile. However, many seem to think that there is a "magic zone" somewhere in the neighborhood of 9mm to .45 ACP where the slope of this line suddenly becomes zero.

OK, discount the thought experiment. For a useful scientific study, we cannot simply look at gelatin or just corpses. Doing a prospective study where several hundred humans get shot with different cartridges won't pass the institutional review board or get funded by NIH. But there are retrospective studies that do this. But to be a good study, it needs to avoid selection criteria that influence the results. I was impressed with the recent Braga study in *The Journal of the American Medical Association* (JAMA): <https://tinyurl.com/yynr9auy>.

This was a "guns are bad and we should ban them study" and clearly the authors don't understand the difference between caliber and cartridge chambering and designations. But the beauty of the study is, they counted everybody that got shot anywhere if the cartridge could be identified and they used non-arbitrary end points of "dead" and "alive." And for commonly utilized cartridges like 9mm and .45 ACP, they had a sufficient number of shootings to be useful. Smaller calibers were less likely to result in fatal injuries than larger calibers, and this included the 9mm/.45 ACP range. Physiology is such that "fatal" correlates well with more rapid physiologic incapacitation.

No, the results are not perfectly linear. For better data, you'll need more than 367 victims. I don't think the 10mm Auto is a death ray, even though it was 2/2. And I'm not carrying a .32 ACP even though it was about 50/50. I suspect the pocket pistols were likely pushed against the victim's chest or head when fired.

So why is the 9mm Parabellum becoming so popu-

lar? First, it is not a bad defensive pistol round as the Braga study demonstrates (but don't try and con me that it is just as effective as a .45 ACP). Pistols are convenient, not particularly capable – it's just awkward taking a Remington 870 everywhere you go. The 9mm pistols are generally smaller, lighter, and less expensive. Ammunition is cheaper. It's less expensive or subject to legal challenge to "qualify" recruits with a 9mm, but don't pretend that this administrative benefit is correlated to effectiveness. It's easier to shoot faster with a 9mm so it is of course more popular in shooting games like IPSC and IDPA.

A 1911 is an aficionado's pistol, I'll concur. It requires a little more skill, experience, and knowledge to run and maintain this platform than a striker-fired 9mm. Given that, a 1911 can certainly reliably feed modern JHP. But most people don't want to be bothered. As the sage opined, "We all have to find our own salvation."

It is possible to kill a Cape buffalo with a .303 British rifle. But enough people got killed trying this that most African countries have a cartridge minimum starting around the .375 H&H. The requirement is based on muzzle energy but it really comes down to adequate bullet diameter, construction, and velocity to reliably penetrate and incapacitate Mbogo. And the .375 will do this. But you'll be challenged to find many professional hunters that will claim it works "just as well" as a .458 or .470, given a shooter who can place shots

accurately with either rifle, even if your split times are quicker with the smaller round.

The .45 ACP does have more recoil than a 9mm, but not so much that my wife or 13-year-old son could not happily shoot it proficiently and accurately during training and practice. But "training" and "practice" are in short supply.

So if you chose to carry a 9mm pistol, please feel free. It is not a bad choice and if you like it and practice with it, that's a good thing. Just don't start your justification by claiming it is "every bit as effective as a .45 ACP." But I figure in another decade, we'll see plenty of articles lauding the mighty .380 ACP and how it is just as effective as a 9mm with modern bullets. Some of us will simply smile, nod, and trust our lives to a 230-grain JHP.

Thomas H. DeLong

traveler332@hotmail.com

As a retired Armor/Armored Cavalry Officer along with being a competitive shooter, the .45 ACP round will always be my go-to pistol round. I have shot it in pistol competition and in the military. I have fired it in military issue M-1911A1s, M-3 and M-3A1 submachine guns, and my own M-1911A1s, both full size and officer models.

My winter carry gun is a Kimber Stainless Steel Officers model .45 ACP. It has the stopping power of a kick from the rear end of an Army Pack Mule. My other win-

Continued on Page 36



Model: K9094NC1
 Caliber: 9MM
 Barrel: 3.5", Polygonal rifling
 O/A Length: 6"
 Height: 4.5"
 Width: 0.9"



Kahr Arms
 WWW.KAHR.COM



Comes with a matching custom
 1911 leather holster

500 Limited Edition

Kahr Arms: The First and Best Choice for Concealed Carry

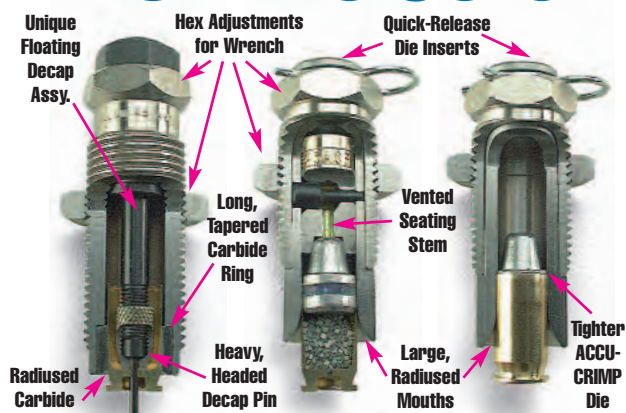


Join us: @KahrFirearms

Made in the
USA

K9
 25th Anniversary

Dillon Die Sets



Sizing/Depriming Die (Pistol)

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

Bullet Seating Die (Pistol)

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

Crimp Die (Pistol)

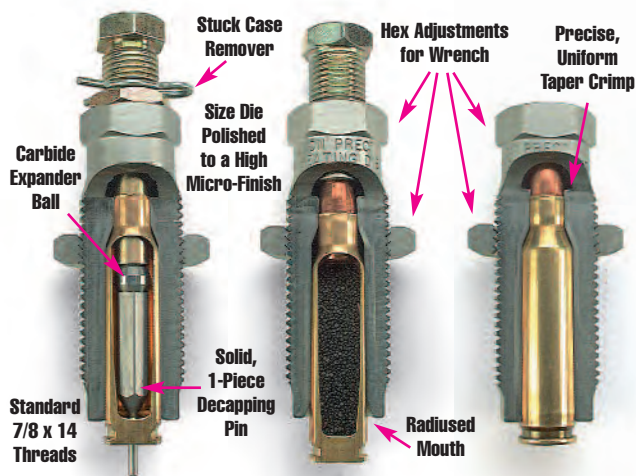
We’ve made it easy for you to remove the die insert for cleaning without having to change the critical crimp adjustment. Once your crimp die is set for the proper amount of crimp, you’ll never have to change it. This is especially good news for all of you who load lead bullets! Before, you had to unscrew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

Dillon Pistol Dies (Three-Die Sets)

.32 S&W Long/.32 H&R Mag.	P64-14426	\$71.95
.380 ACP	P64-14401	71.95
9mm Parabellum	P64-14406	71.95
9x25 Dillon	P64-14601	139.95
.357 SIG	P64-22083	139.95
.38 Super	P64-14399	71.95
.38 Special/.357 Magnum	P64-14400	71.95
10mm/.40 S&W	P64-14398	71.95
.41 Magnum	P64-14402	71.95
.44 Special/.44 Magnum	P64-14403	71.95
.45 ACP/.45 GAP	P64-14404	71.95
.45 Colt	P64-14405	71.95

Spare Decapping Pins

Package of 10	P64-21528	\$6.75
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Sizing/Depriming Die (Rifle)

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

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

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

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

Bullet Seating Die (Rifle)

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

Taper Crimp Die (Rifle)

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

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

Dillon Rifle Dies (Three-Die Sets)

.223 Remington	P64-10839	\$80.95
.308 Winchester	P64-15574	80.95
.30-06 Springfield	P64-10840	80.95

Dillon Carbide Rifle Dies (Three-Die Sets)

.223 Remington	P64-10096	\$176.95
.30 M1 Carbine	P64-62128	111.95
.300 AAC Blackout	P64-62114	185.95
.308 Winchester	P64-10793	182.95
.30-06 Springfield	P64-62151	288.95

Spare Decapping Pins

.223 Remington	P64-13278	\$4.45
.308 Winchester	P64-13132	4.45
.30-06 Springfield	P64-13069	4.45
For Universal Decapping Die	P64-15816	4.45

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

Dillon Die Lock Ring	P64-14067	\$1.75
5-Pack Die Lock Rings	P64-10669	5.50

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

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 45). 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
Pistol Pouch, Black[^]

P64-19366 \$89.95
P64-17027 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!

Border Shift Ammo Bag, Black
I.D. Card Holder (Inset, Left)[^]

P64-13755 \$25.95
P64-14575 2.95

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"

P64-18146 \$65.00

Dillon Precision Logo PVC Key Ring



P64-66032 \$4.95 ea.



Dillon Key Keeper, Gray
Dillon Key Keeper, Coyote
Dillon Key Keeper, Black

P64-96671 \$12.99
P64-96672 12.99
P64-96670 12.99



6" x 1" Dillon Logo Sticker
6" x 2.5" Dillon Logo Sticker

P64-96668 \$2.50
P64-96666 4.00

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

Blue Press 35

ter carry gun is a .357 Magnum loaded with 158-grain SWC/HP rounds. Both the .45 ACP and the .357 Magnum make short work of someone wanting to do you harm. My Smith & Wesson Model 39-2 9mm is tucked away nice and warm in the safe. But then again it has been in there for a number for years.

I was on active duty in West Germany when the U.S. Army decided to change to the 9mm round replacing the .45 ACP. But the real reason for the change had nothing to do with the 9mm being a better combat round than the .45 ACP. Sure, the M-1911A1s in the arms room rack were getting old. Some of them first saw life as a M-1911 and had a depot up grade to the M-1911A1. Many of those pistols had been carried in combat in WW II, Korea and Vietnam or spent years on the East German border during the ongoing Cold War. The truth be known those M-1911A1s still had life left in them. But the two big problems were the military ranks – combat and combat-support ranks were getting filled with more female troops who could not handle firing the M-1911A1s.

There were not enough .38 Special revolvers to issue to them. The other problem was, we were forcing on our NATO partners the 5.56mm M-16 round after we pushed for the 7.62 NATO round. There was an ongoing push to standardize ammunition though out the NATO organization. So, we ended up getting the 9mm round.

The other factor was cost; going to the 9mm would save the military money, both in the cost of ammunition and weapons. Back then the NATO countries and the U.S. were going broke keeping up with Russian military spending. So, after deciding on the 9mm, the military needed a new handgun to go with it. Again, going with the lowest bidder and not the best product. The military ended up with the Beretta M9, which did not prove itself in the "Sand Box!" Now, we have a new SIG pistol: again, the lowest bidder and it now must prove itself in combat. But for me, I would take an old arms-room M-1911A1 .45 ACP, for it has proved itself time and again all over the world.

So then, why is it today the 9mm is so popular, I would say first, cost and next, advertising. So, let us talk cost and we'll cover ammunition first. To meet the needs of the military, the ammunition manufacturers have been turning out 9mm ball ammo at a very high rate. There for they have been selling the surplus on the open market to both clear inventory and to keep the ammo plants running. So, with the laws of supply and demand 9mm ammo is available and cheap, not like .22 Long Rifle was a few years ago.

Now for the pistols themselves, one can go to the gun store and pick up a Glock or some other plastic pistol with a lot less expense than a well-made M-1911A1 from Colt, Kimber or Smith & Wesson. With

that said one can go to the range and place little holes in paper or cardboard targets at a major cost saving.

As for the argument about the number of rounds in a pistol's magazine; or "My gun has a 15-shot magazine to your little 7-shot magazines!" I say this to that statement, "Yes, but my .45 can do with one round what yours can do in 15 rounds." One just needs to look at the rounds fired in a police shooting and ask that officer why he or she emptied their 9mm magazine.

One day I asked my Chief of Police who had a 9mm Glock on his belt and four 15-round magazines in his chest kit. "Why is our police force using 9mm Glocks? Whereas the village up the road all their officers are packing Kimber M-1911A1 .45 ACP sidearms." The Chiefs reply to my question was, "That's all we can afford to arm our officers with!" The dirty little truth is most police departments do not have the funds to meet the training requirements set forth on officers' yearly qualifications with their duty weapons. Therefore, they must take the cheapest route.

The bottom line for me is I'll always go with my old standby, that being a .45 over a 9mm any day!

Bruce Hunn

hunn.mehaffie@gmail.com

The 9mm/.45ACP "Which is better" debate is meaningless. Over the last six decades of shooting I have learned a few hard-won facts about guns in general and pistols in particular, so please indulge me with a quick perusal of a few of my aged observations.

There is a sage bit of wisdom about guns that says that the reason for having a pistol in combat is so that you can get a rifle. Other than that zinger, everyone, that is, everyone, agrees that having any pistol is better than NOT having a gun at all, so what we have is a continuum from zero response to overwhelming response.

Considering the previous jaded arguments, lets muddy the waters with 10 more "undeniable" facts and then let the debate chips fall where they may.

The 10 Rules for shooting engagements:

1. Competition game shooting of ANY kind is NOT the real world of combat. FACT: No IPSC shooter has ever been killed by his target's return fire.
2. It is not the 1898 Philippine Insurrection anymore, and virtually no one considers the .38 S&W as an "ultimate" defense caliber.
3. Most savvy PISTOL shooters don't consider hardball 9mm OR hardball .45 ACP as "the ultimate stopping round."
4. ANY caliber pistol or rifle round HAS been used to kill people as well as ANY large animal on earth including the .22 rimfire for elephants.
5. Exactly where the bullet goes determines its ultimate utility.

6. Animals or people have demonstrated millions of times that they can absorb an overwhelming amount of injury from any kind of weapon and still function to some degree, BEFORE they die.
7. Formulas calculating bullet energy, major power factor, stopping power, killing power, or knockdown power, all include assumptions that often involve some VERY big assumptions about what those numbers mean in the real world.
8. As the infamous George L. Herter (check out your 1960s gun history) used to say, "Combat shooting is nothing at all like target shooting on a nice day."
9. Unlike video games, Hollywood movies or John Wick/zombie scenarios, it's not the number of bullets you fire, it's the time it takes for you to stop a live target while NOT being harmed yourself.
10. Being able to hit exactly where you want to, under all conditions, IS the key to ANY kind of EFFECTIVE shooting.

So to back up these "facts" I have some typical responses which go something like this, "Well I saw an elk take three rounds from a .338 Winchester and run a 1/4 mile like nothing," or "I heard a story about some guy in combat who shot [fill in the blank] with a .223, .308, .30-06, 8mm, 9mm, or .45 Auto, five times and they just kept coming." Or, "A friend of mine is a cop and he shot this meth head six times with his 9mm and

he did not even slow down." Or finally, "An old timer I knew used to shoot elk with a .22 rimfire" (which is one of my favorites). The problem of all these stories is that sometimes they are true!

Having killed many small and some large animals, I could relate examples of both immediate kills and horribly botched failures. However, having never harmed another person with a gun, I have ZERO personal evidence in that regard. What seems to be lacking in most, "This is better than that" debates, is that one must consider logic, science, experience and dare I say, "common sense" when it comes to predicting the future, based on past performance. Also most people do not consider critical factors like what an assailant is wearing, or if are they behind cover, if so what kind of cover, are there multiple assailants, can they shoot well, are they moving, are you moving, are you stressed out by the thought of being killed or any number of "what ifs" that promote endless, late-night, pseudo-serious, discussions of these matters.

In regard to target shooting of ANY kind TODAY, yep, the 9mm is THE most popular cartridge, PERIOD.

So, here are some undeniable facts with which to address the issues while still backpedaling from a thunderous, "I'm right, you're wrong" conclusion: The 9mm IS the most used and produced combat handgun car-

Continued on Page 72



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

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38 Blue Press

Berry's Mfg. Plated Bullets[^]

Description	Stock #	250	500	1000
Bullets for the 7.62 x 39 Cartridge				
123 gr. RN-DS*	P64-17210	\$42.00	\$81.00	\$150.00
.380 Caliber Bullets				
100 gr. RN-DS*	P64-17532	24.00	46.00	85.00
9 Millimeter Bullets				
115 gr. RN-DS*	P64-17533	25.00	49.00	90.00
115 gr. HBRN-TP*	P64-17178	27.00	52.00	96.00
124 gr. RN-DS*	P64-17534	27.00	51.00	95.00
124 gr. HBRN-TP*	P64-17272	30.00	57.00	106.00
124 gr. HBFP-TP*	P64-17385	30.00	57.00	106.00
147 gr. RN-DS*	P64-17535	31.00	60.00	110.00
.357 Caliber Bullets				
125 gr. FP-DS*	P64-17536	28.00	53.00	98.00
158 gr. RN-DS*	P64-17540	33.00	63.00	117.00
158 gr. FP-DS*	P64-17539	33.00	64.00	118.00
.40 Caliber/10 Millimeter Bullets				
155 gr. HBRN-DS*	P64-17238	36.00	70.00	130.00
165 gr. FP-DS*	P64-17232	36.00	70.00	130.00
165 gr. HBFP-DS*	P64-17271	41.00	79.00	146.00
180 gr. FP-DS*	P64-17542	38.00	74.00	137.00
180 gr. RN-DS*	P64-17515	35.30	68.26	127.00
.45 Caliber Bullets				
185 gr. HBRN-DS*	P64-17543	41.00	78.00	145.00
185 gr. FP-DS*	P64-17516	35.30	68.26	127.00
200 gr. HBFP-DS*	P64-17517	45.00	78.00	146.00
230 gr. RN-DS*	P64-17549	42.00	80.00	149.00
Description	Stock #	200	400	800
.44 Caliber Bullets				
240 gr. FP-DS*	P64-17545	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

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(This is not LOADED ammunition.)

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52 gr. HPBT MatchKing	100/box	P64-10178	\$25.95	
55 gr. BlitKing	100/box	P64-14458	28.95	
69 gr. TMK	100/box	P64-80015	29.95	
69 gr. HPBT MatchKing	100/box	P64-13007	27.95	
77 gr. TMK	100/box	P64-80016	35.99	
77 gr. HPBT MatchKing	500/box	P64-18171	157.95	
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70 gr. HPBT MatchKing	100/box	P64-12386	30.95	
6.5mm				
123 gr. HPBT	100/box	P64-14459	44.95	
142 gr. HPBT	100/box	P64-14460	46.95	
7.62mm/.308 Caliber				
125 gr. HP	100/box	P64-14448	39.95	
155 gr. TMK	100/box	P64-80018	48.00	
155 gr. HPBT Palma	100/box	P64-18160	39.95	
168 gr. TMK	100/box	P64-80017	47.00	
168 gr. HPBT MatchKing	100/box	P64-10177	42.95	
175 gr. HPBT MatchKing	100/box	P64-17481	44.95	

Armcor Projectiles[^]

.38/.357 125 gr. RN	100/pkg.	P64-15823	\$10.50
.38/.357 158 gr. RN	100/pkg.	P64-15819	11.50

Privi Partisan Projectiles[^]

.40 Cal. 180 gr. JHP	100/pkg.	P64-15812	\$17.99
.45 Cal. 230 gr. FMJ	100/pkg.	P64-15813	19.99

Hornady Projectiles[^]

.30 Cal. 150 gr. FMJBT	100/pkg.	P64-44445	\$18.62
.38 Cal. 148 gr. HBWC (lead)	250/pkg.	P64-70011	31.79

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SNS Casting[^]

<i>Coated Hard-Cast Bullets</i>	<i>Stock #</i>	<i>500</i>	<i>1000</i>
.30 M1 Carbine RN 115 gr.	P64-15403	\$43.00	\$80.00
.380 RN 95 gr.	P64-15393	40.00	74.00
9mm RN 115 gr.	P64-13150	41.00	76.00
9mm CN (conical) 124 gr.	P64-15075	42.00	78.00
9mm FP 125 gr.	P64-15396	42.00	78.00
9mm RN 125 gr.	P64-15332	42.00	78.00
9mm No Lube Groove 125 gr.	P64-15756	42.00	78.00
9mm RN 135 gr.	P64-15043	44.00	81.00
9mm RN 147 gr.	P64-15044	47.00	88.00
9mm FP 147 gr.	P64-15333	47.00	88.00
9mm/.38 Super RN 160 gr.	P64-15397	52.00	97.00
.38/.357 RNFP 100 gr.	P64-15859	41.00	76.00
.38/.357 FP 105 gr.	P64-15860	42.00	77.00
.38/.357 FP 125 gr.	P64-15879	42.00	79.00
.38/.357 RNFP 130 gr.	P64-19679	44.00	81.00
.38/.357 DEWC 148 gr.	P64-15880	47.00	88.00
.38/.357 RN 158 gr.	P64-15045	52.00	97.00
.38/.357 SWC 158 gr.	P64-15881	52.00	97.00
.38/.357 RN 160 gr.	P64-15400	52.00	97.00
.40/10mm FP 140 gr.	P64-15335	47.00	87.00
.40/10mm RNFP 165 gr.	P64-19677	55.00	101.00
.40/10mm SWC 175 gr.	P64-15336	57.00	106.00
.40/10mm FP 180 gr.	P64-15337	58.00	107.00
.40/10mm RN 180 gr.	P64-10029	58.00	107.00
.40/10mm RN 200 gr.	P64-15338	60.00	112.00
.40/10mm FP 220 gr.	P64-15855	66.00	123.00
.44 RNFP 200 gr.	P64-15882	60.00	112.00
.44 SWC 240 gr.	P64-15891	69.00	129.00
.45 SWC 185 gr.	P64-15856	58.00	108.00
.45 RN 200 gr.	P64-15339	60.00	112.00
.45 RNFP 200 gr.	P64-15857	60.00	112.00
.45 SWC 200 gr.	P64-15340	60.00	112.00
.45 RN 230 gr.	P64-15401	66.00	124.00
.45 RN No Lube Groove 230 gr.	P64-19678	66.00	124.00
	<i>Stock #</i>	<i>250</i>	<i>500</i>
.30/30 RNFP 158 gr.	P64-15854	\$27.00	\$50.00

Starline Brass[^]

Unprimed brass sold in packages of 100 (This is not LOADED ammunition.)

<i>Description</i>	<i>Stock #</i>	<i>1 Pkg.</i>	<i>5 Pkg.</i>	<i>10 Pkg.</i>
.32 H&R Mag.	P64-30258	\$19.00	\$88.00	\$168.00
.32-20 Win.	P64-31282	25.00	116.00	224.00
9mm	P64-31277	17.00	79.00	152.00
.38 Short Colt	P64-39919	20.00	91.00	175.00
.38 Special	P64-31278	18.00	80.00	154.00
.38 Super +P	P64-31276	20.00	90.00	173.00
.38 Super Comp	P64-30257	20.00	90.00	173.00
.38 SIG	P64-30528	22.00	102.00	196.00
.40 S&W	P64-31283	20.00	93.00	180.00
10mm	P64-31281	21.00	98.00	188.00
.44 Special	P64-31280	24.00	111.00	214.00
.45 ACP	P64-31284	22.00	99.00	190.00
.45 Colt	P64-30259	24.00	111.00	214.00

Once-Fired Brass

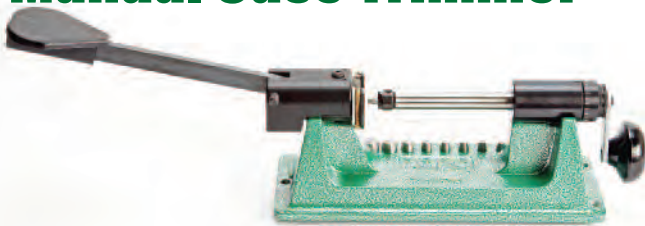
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.40 S&W cases	1000/box	P64-43297	\$44.00
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The RCBS Trim Pro-2 manual case trimmer features a spring-loaded "universal" shell holder that will accommodate case head diameters from .250" to .625". Comes with pilot calibers: .22, .24, .25, .27, .28, .30, .35, .44 and .45.

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 Outer Chamfering Starter Set **P64-62269 34.95**

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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 **P64-14622 \$38.95**
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.223 Rem.	P64-14627	\$6.99 each
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.243 Win.	P64-14631	
.270 Win.	P64-14641	
7mm Rem. Mag.	P64-14648	
.308 Win.	P64-14652	
.30-06	P64-14653	
.300 Win. Mag.	P64-14655	



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 **P64-14670 \$16.95**

Comparator Insert (required)

.22 caliber	P64-14672	\$8.95 each
.24 caliber	P64-14673	
.25 caliber	P64-14674	
.26 caliber	P64-14675	
.27 caliber	P64-14676	
.28 caliber	P64-14677	
.30 caliber	P64-14678	
.33 caliber	P64-14679	
.35 caliber	P64-14680	
.37 caliber	P64-14681	
.45 caliber	P64-14682	

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by Double-Alpha

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

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

Mr. Bulletfeeder Set Up in One Caliber

9mm/.38/.357	P64-15145	\$469.95
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.45 ACP	P64-15148	469.95
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.30 cal./7.62mm	P64-15153	499.95
6.5mm	P64-15154	499.95

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.45 ACP	P64-15170	149.95
.223 Rem./5.56 NATO	P64-15171	169.95
.30 cal./7.62mm	P64-15172	182.95
6.5mm	P64-15173	182.95

Replacement Bullet Dropper Dies

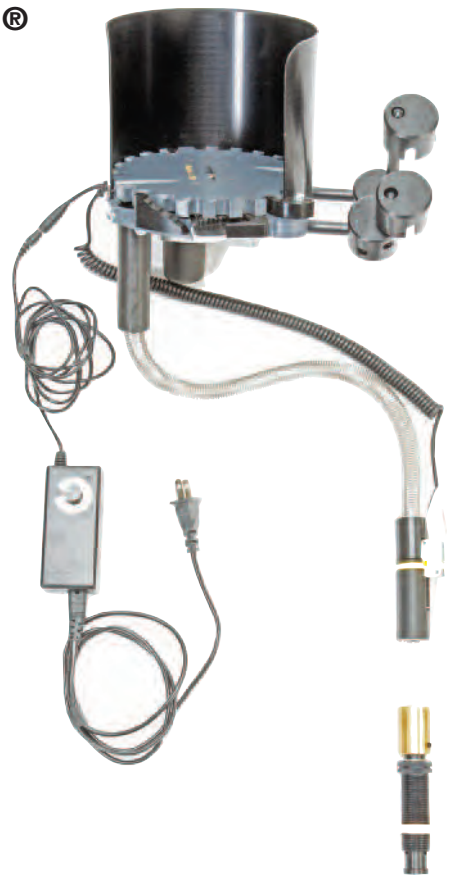
9mm/.38/.357	P64-10218	\$94.95
.40 S&W/10mm	P64-10219	94.95
.45 ACP	P64-10220	94.95
.223 Rem./5.56 NATO	P64-10221	94.95
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BL 550[^]

Dillon's Basic Loader

\$289⁹⁵

P64-15399

Reloading Dies and Caliber Conversions sold separately
(See the back of the order blank in the center.)

Pictured with optional accessories:
Strong Mount **P64-22051** \$52.45

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. The additional toolheads are \$26.95 each, or \$24.95 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 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.

AUTO PRIME SYSTEM[^] **P64-16627** **\$90.95**
PRIMER SYSTEM EARLY WARNING[^]

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. **P64-20302** **\$27.95**

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Greatly increases your ammo production capabilities and adds a Cartridge Chute/ Bracket and a Cartridge Bin to your reloader. **P64-22120** **\$33.95**

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Extra powder dies for your BL 550 make it easier to set up additional toolheads for loading different calibers.

Powder Die: **P64-16629** **\$20.95**
Oversize Die: **P64-16626** **20.95**
Plastic Funnel: **P64-16617** **6.95**

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RL 450 Powder Die **P64-20308** **23.95**

Our Pride, Your Sleeve



Dillon Logo/Rifle, Black Long Sleeve

Large	P64-43456	\$21.95
X-Large	P64-43450	21.95
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DP Box Logo, Black Long Sleeve (not pictured)

X-Large	P64-43448	\$21.95
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Dillon/Precision Logo, Black

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Large	P64-43413	19.95
X-Large	P64-43414	19.95
XX-Large	P64-43415	20.95
XXX-Large	P64-43416	21.95

Dillon/Precision Logo, Charcoal

Small	P64-43418	\$19.95
Medium	P64-43419	19.95
Large	P64-43420	19.95
X-Large	P64-43421	19.95
XX-Large	P64-43422	20.95
XXX-Large	P64-43423	21.95

DP Box Logo, Black

Small	P64-43436	\$19.95
Medium	P64-43437	19.95
Large	P64-43438	19.95
X-Large	P64-43439	19.95
XX-Large	P64-43440	20.95
XXX-Large	P64-43441	21.95

DP Box Logo, Charcoal

Small	P64-43442	\$19.95
Medium	P64-43443	19.95
Large	P64-43444	19.95
X-Large	P64-43445	19.95
XX-Large	P64-43446	20.95
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Back of shirt is plain



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Black, XL	P64-18516	19.95
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Navy, XXXL	P64-18514	14.50
Gray, Large	P64-18527	12.50
Gray, XL	P64-18528	12.50
Gray, XXL	P64-18529	14.50
Gray, XXXL	P64-18530	14.50
Black, Large	P64-18519	12.50
Black, XL	P64-18520	12.50
Black, XXL	P64-18521	14.50
Black, XXXL	P64-18522	14.50



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Black Small/Medium Flexfit Cap	P64-43454
Black Large/X-Large Flexfit Cap	P64-43452

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Blue Press 41

John Marshall on Classic Firearms:



Through many years, the Winchester Model 67 single-shot .22 rifle was the “first gun” for innumerable boys and girls, and today it’s a treasured memory for them all. This is its story.

In the early 1930s, the competition for .22 single-shot youth rifles was quite spirited. Remington, Stevens, Marlin and Winchester were the main competitors. Since 1932, Winchester had an entry single-shot bolt action, the Model 60, developed sequentially from the models 1900, 1902, 1904, 58 and 59. They all stemmed from an initial John Browning design. The engineers and management at Winchester felt that they could develop that basic Model 60 further, offering the public a really nice and up-to-date successor for a still attractive price. The result of their efforts was the Model 67, introduced in May 1934. It became enormously popular, and its manufacture continued until 1963. Even today, these rifles are sought after, especially as accurate and very safe beginners’ guns.

The Model 67 inherited the same very interesting design features originated by John Browning in the previous single shot bolt-actions. These made it not only quite practical, useful and inexpensive to own, but also easy to manufacture. For example, there is no receiver, which usually houses the action parts and the bolt. In conventional manufacture, the receiver is a separate part that accepts the barrel at its front. In the Model 67

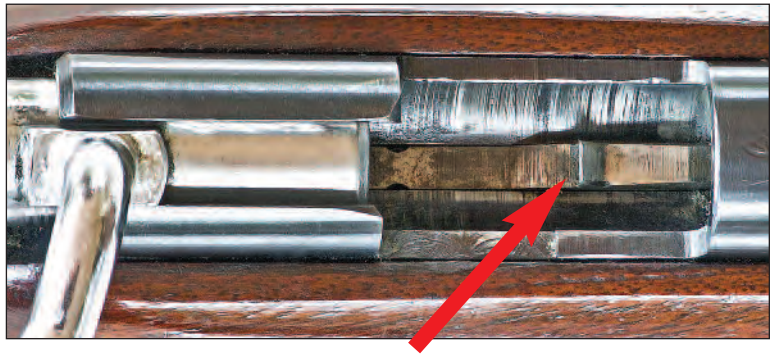
as in its predecessors, the barrel and receiver are all crafted from the same piece. The rear of the barrel is simply machined out to accommodate the bolt and another interesting part. While a normal bolt will also incorporate an extractor or extractors, the evolved Model 67 bolt does not. Underneath the bolt is a sliding bar that actually combines three functions – extractor, ejector, and sear. This arrangement was exactly as first conceived by Browning and used in the original Model 1900. The bar became a bit larger and had a longer rearward stroke than the one on the preceding Model 60. Instead of the trigger pivoting on a pin in a normal receiver, it is secured in the stock with a pin running sideways through the stock. This is another feature first used in the Model 1900. The ends of this pin can be seen on both sides of the stock just below the rear of the barrel/receiver. The trigger engages a prong at the rear of the combination sliding bar. The bar itself acts as the sear. It’s pushed down by the trigger acting on its prong and releases the spring-loaded firing pin to fire the rifle when the trigger is pulled.

The bolt handle has a much larger knob than the previous Model 60, a welcome improvement. When the bolt is opened and pulled to the rear, it actuates the sliding bar, which engages the rim of the cartridge case with a projection, pulling it out of the chamber. The bar then pops up under spring pressure to eject the

The Winchester Model 67 Rifle

Winchester Model 67 (above) and its predecessor, the Winchester Model 60.

Close up of the Model 67 shows the sliding extractor/ejector (arrow) under the bolt.



case from the rifle. When the bolt is pressed forward to chamber a round, it is not cocked. The rebounding firing pin remains slightly to the rear of the bolt face when the bolt is closed and locked down. In order to fire the rifle, the cocking knob at the rear of the bolt must be pulled to the rear, spring-loading the firing pin and cocking it preparatory to a trigger pull. This feature ensures that the firer knows that the rifle is purposely cocked and ready to fire. Unlike the previous Model 60, there is a rotary tab at the rear of the bolt that serves as a safety lever. When rotated counterclockwise, it projects into the line of sight and locks the bolt, preventing it from firing or opening.

The rifle can be taken down into two major assemblies by unscrewing the takedown screw located just forward of the trigger guard. The trigger guard is identical to that used on the later-introduced and more sophisticated bolt-action repeater, the Model 69. The Model 67 stock is larger and more robust than that on the preceding Model 60.

The barrel length on the Model 67 is quite long by conventional standards, measuring 27" from muzzle to bolt face. The high-speed .22 long rifle cartridge usually achieves maximum velocity at around 19 inches of barrel, but an extra-long barrel gives a noticeable quietness advantage when standard or special low velocity rounds are fired. This helps when eliminating

garden pests while not disturbing the neighbors!

The Model 67 went through a number of changes over the years. The initial model had finger grooves in the stock, which were authorized to be dispensed with in late 1935. However, the grooves continued through 1937. An optional chambering in .22 Winchester Rim Fire (now obsolete) was made available in September 1936. Prior to 1937, the bolt had one flat on its underside. Subsequently there were two, coincidental with a slightly different shape to the extractor projection. A bolt retaining spring was removed in August 1937. In October 1937, the stock was enlarged and re-shaped so that the takedown screw would be flush, rather than projecting. In January 1938, a manufacturing change order was drafted. Changes to the rifle under that order were not actually implemented until 1949, when the designation was changed to "Model 67A." The main differences were in the extractor/ejector bar spring and the stock stud on the barrel. These alterations resulted in a more forceful ejection of the spent case. Around 1947, the caliber markings on the barrel were abbreviated (22 S.L.OR L.R.) instead of being spelled out. The firing pin configuration was altered a number of times over the rifle's years of manufacture.

A smoothbore version of the Model 67 came about in September 1936. A later version had a 24" barrel and a bead sight like that used on the Model 12 shot-

"Big Fifty" [^]

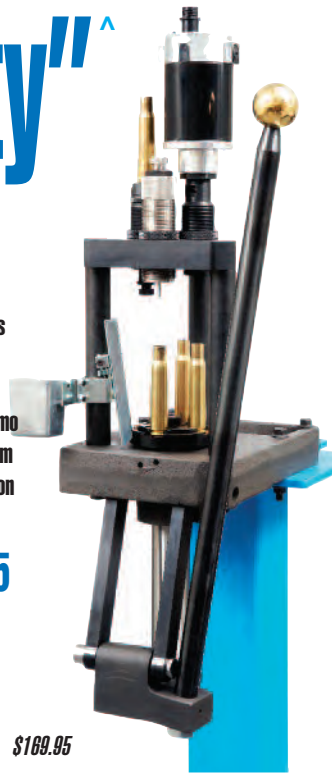
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12 Gauge Casefeeder (pictured)	P64-97037	\$259.95
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20/28 Gauge Casefeed Plate	P64-97045	44.95
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SL 900 MACHINE COVER[^]

This heavy-duty nylon cover comes equipped with a D-ring, allowing the zipper to be locked. **P64-13239 \$39.95**
 Master lock **P64-13083 \$3.95**

PACKAGE DEAL[^]

Includes: Lyman Reloading Handbook, Clear Safety Glasses, Dial Caliper, Eliminator Scale, Machine Cover, and Low Powder Sensor. **P64-22290 \$223.95**

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1 20 Gauge Yellow Wad Guide	1 Ejector Wire
1 28 Gauge Green Wad Guide	1 Plastic Wad Guide
1 20 Gauge Locator Pin	1 Swing Arm Torsion Spring
1 Index Pawl	1 Primer Transfer Arm
1 Ring Indexer	1 12 Gauge Locator Pin
1 Index Spring Revision A	1 Gum Rubber Insert Revision B
1 Hair Pin Cotter	1 Shot Fitting E-Clip
2 Bellcrank Cubes	1 Failsafe Bushing Revision B
1 Case Insert Slide Spring	P64-11154 \$29.95



Winchester Model 60 (top) and Model 67 actions compared.

gun, and was introduced in April 1940. Both of these were designed to use special .22 LR shot cartridges.

A Model 68 was introduced concurrently with the Model 67 in 1934. It was nothing more than the Model 67 with an aperture rear sight and a hooded front sight. It was discontinued in 1944 when the same sights became optional on the Model 67. Deliveries of the Model 68 were still being made in 1945. The Models 67 and 67A with target sights continued to be cataloged into the 1950s.

In January 1937, the Model 677 was offered. This was equipped with Winchester scopes of either 2-3/4 or 5-power and crosshair reticles. A vertical post reticle scope of 2-3/4 power was an option beginning that November. The barrel had no iron sights, but had scope mounting blocks. The scopes came in separate boxes from those used with the rifles. The Model 677 was not popular and was dropped from the Winchester lineup in 1938. Only 1,400 were produced.

In August 1937 a "Junior Rifle" was introduced at the prodding of Ad Topperwein, a famous exhibition shooter of that era. The barrel was a shorter 20", the length of pull was shortened by a little more than one inch, and its weight was 4.5 pounds, a half-pound lighter than the full-size model. This was commonly also called the "Boy's Rifle." The post reticle scope could be mounted on some Junior Rifles that were provided with scope blocks. The open sights were retained on this variation, which had see-through tunnels in the scope blocks. These were rarely if ever actually produced.

Production of the Model 67 was halted during most of WWII, beginning again in the closing years of the war. Instead of the earlier chrome plating, the bolt was blued beginning in October 1944. Chrome plating was reinstated in 1946 when chromium was no longer rationed for the war effort. The stock shape was changed slightly in 1951. A minor change to the stock stud was made in 1954.

Production number estimates vary depending on the source to as high as over 652,000 for the Model 67. None were ever serial numbered during its span of manufacture and relevant company records are now pretty much nonexistent. Some did have factory serial numbers applied when they were intended for certain foreign purchases. The number of these is not known.

The Model 67 was a very popular first rifle, and used specimens can often be found relatively inexpensively at gun shows and gun shops, and on Internet auctions. If a gun is in exceptional condition, the value will be higher, and of some collector interest. Unfired and in its original box, the value would be still higher. To a collector, the Junior Rifle is a bit more desirable. The .22 WRF versions and the smoothbores can draw a doubling of the usual going price. The Model 677 complete with scope is rare and can easily top ten times the standard price range.

Model 67s are considered classic rifles today, with an extensive history dating back to 1900. All of the variations listed here are now gone but fondly remembered by a lot of folks as their first firearm.

The Second Amendment Foundation

“Winning firearms freedom one lawsuit at a time”

By Alan Korwin

In these trying times it's good to know we have an army of armies out there doing battle to protect our rights. We face hostile hordes trying to restrict or remove our rights and turn the American granite of freedom into a socialist wasteland or worse. While the mainstream “news” machine compromises every aspect of its code of ethics, calls the gun lobby names and tries to convince the public that gun ownership is something evil, it overlooks every decent facet of the right to keep and bear arms, including most of its champions – this publication included.

To listen to the lockstep mass media, the so-called “gun lobby” is one monolithic monster of unspeakable power that speaks with a single voice and is controlled from a single building that pulls every string in Congress. Idiotic on its face, the only thing monolithic is that distorted view of the truth. And the only thing uniform in their picture is the public's unflinching attachment to the core principle – which media has all but abandoned – individual freedom of thought and speech.

Just for the record, America's biggest most powerful lobbies are commerce, the banks, airlines, drug companies, energy producers, chemical companies, construction firms, aerospace, hospitals, phone companies, high tech, and telecommunications...the gun industry is tiny by comparison. Shame on the media for such monstrous distortion, but we've come to expect it from them.

Only a tiny fraction of America's real gun lobby, the 100 million of us who keep and bear arms, and vote, belong to the media's dreaded three-letter whipping boy. The rest reside in scores of unnamed national and

nearly countless state, regional and local gun-rights and freedom organizations.

Leading that pack of off-the-media's radar is the 650,000-member Second Amendment Foundation (saf.org), a 501(c)(3) tax-deductible group and its associated groups. Chairman and founder Alan M. Gottlieb never seems to stop pouring out ideas, honing new weapons against the enemies of freedom arrayed against us, and encouraging the champions around the nation to fight the fight.

When a team of medical professionals, fed up with the corrupt anti-gun-rights practices of their industry reached a tipping point, he provided them a home with offices in SAF's headquarters, and Doctors for

Responsible Gun Ownership (DRGO) moved from the Claremont Institute in California to Bellevue, Washington. DRGO founder Dr. Timothy Wheeler had done an admirable job launching the group in 1993, and now a core group of top pros provides organized push back against a hopelessly politicized medical oligarchy that includes the openly biased AMA, agenda-driven pediatricians, and doctors who've insanely convinced themselves guns are germs and armed Americans are a disease needing inoculation. Sick barely describes this modern mainstream “medicine.” Learn more and support DRGO at drgo.us.

For 30 years, Aaron Zelman's group Jews for the Preservation of Firearms Ownership (jpfpo.org) provided an ethical and history-based underpinning to the gun-rights movement, with the moral authority of an oppressed class nearly exterminated by government tyranny and the ever-present threat all people face of disarmament-fueled genocide. After Aaron's sad pass-



ing in 2010, with the group in disarray and financially troubled, Gottlieb picked up its debts and belongings, and breathed new life into the group, moving its HQ and operations from Wisconsin to his Washington-State office complex.

It was hardly a financial windfall as some skeptics imagined, but Gottlieb says, “The niche JPFO fills is very important but a narrow cast in the gun-rights movement,” and he stands by it staunchly. Getting the Jewish community to understand the value and social utility of firearms is a constant but worthwhile struggle. You would think that Jews of all people would know better but hey, many still vote the wrong way. JPFO has its work cut out and is an invaluable ally under the SAF umbrella.

SAF did similarly with KeepAndBearArms.com, the ambitious effort of a lone activist, Angel Shamaya, who

eventually went on to other pursuits. A first-rate source of real information, if you’re following gun-related news and not on this website regularly you are simply missing out. This army of activists gets and provides constant updates on which people can act.

And then there’s the Citizen’s Committee for the Right to Keep and Bear Arms (ccrkba.org) the sister organization to SAF. CCRKBA is a 501(c)(4) non-profit social welfare organization protecting the public’s firearms rights. Their role is to educate activists, the public, legislators and media, so all Americans understand the importance of the Second Amendment and its role in keeping Americans free. Donations are not tax-deductible – it engages in direct grassroots lobbying.

LAWSUITS

It is the legal activity that sets SAF apart when it comes to gun-rights lobbies and activism. “Sue the

A Brief Chat With SAF Founder and CEO Alan Gottlieb

AK – Why is SAF important when compared to other groups?

AG – SAF is responsible for more than 80% of the case law protecting 2A rights that have been won in the courts. The Foundation does more to shape the future debate about gun rights than other groups. We try to stay one step ahead of where our opponents are going.

To expand the 2A base of support we work with people and groups like the LGBTQ and minority communities that are not part of the usual base. Winning this battle is a game of addition and multiples, not subtraction and divisiveness.

AK – What made you go into this and what keeps you going?

AG – My individual rights were under attack and still are, the same as you. What keeps me going is seeing human faces behind the rights we are protecting. Meeting lawsuit plaintiffs like Otis McDonald, Rhonda Ezell, Michael Moore and seeing first hand how we have effected people’s rights is more than anyone needs to keep on going.

AK – What do you think of the portion of the country that doesn’t “get it”?

AG – Rights are not won or lost by the number of people who get it. They are won or lost by a small percentage of people who engage in the civil-rights struggle. That is not to say we should ignore the masses. We must concentrate our efforts on building our base as well as educating the general public.

AK – What don’t they get and can that be fixed? How large a portion are they?

AG – We try to reach the public through information campaigns using both earned and paid media. Appearing on TV, radio and in print as well as the Internet,

direct mail and social media. The Foundation reaches over 100 million people with about 350 million impressions each year. We do need to increase our reach but are limited by funding.

AK – Will you be increasing the SAF umbrella and if yes in what directions?

AG – It all depends on funding needed to do it. We would like to expand our investigative journalism project, and expose who our enemies are, how they get their money and how they operate. Information is power in the fight for our gun rights. We need and want to increase our research staff. I hope to add on additional staff in 2020.

AK – What would happen if the news media gave the gun issue fair coverage?

AG – Obviously they don’t for the most part. If we got fair coverage we would win the battle for our rights hands down. That is why the media does not treat us fairly. They have an agenda, and it’s not pro rights.

AK – What are the most biased questions you get from reporters?

AG – Why can’t you just compromise? Why do you want to help kill the kids? Why are you part of the evil gun lobby?

AK – Is there one main obstacle preventing people from joining groups like yours?

AG – Apathy. They think others will do the job for them.

AK – Can you share a few personal items with us?

AG – Our opponents have gotten so toxic in their rhetoric and actions I try to maintain my privacy. Asian, Italian and great Jewish deli food are my favorites. When I do get time off, reading a good novel by a pool without interruption is heaven.

bastages!” is a battle cry you hear from rank-and-file activists all the time. Most don’t know what they’re saying, or how that’s done. They certainly have no idea what it takes to prepare for and conduct a lawsuit against something as monstrous or well heeled as the federal or state government. These leviathans can squash you like a bug, and will, but SAF is strong and has stood up to these unholy monsters, and has prevailed.

Monumental wins at the U.S. Supreme Court in both the Heller and McDonald cases are well known and fundamental to our rights. They involved hundreds of pro-gun-rights participants with SAF part of the vanguard.

The sheer breadth and number of other state and federal cases SAF undertakes is overwhelming. Even a partial description would put the non-lawyers in our audience soundly to sleep. Consider for a moment the scope of assaults on our rights by people and agencies in government who are supposed to defend the Constitution and our precious rights, and instead make their livings attacking us. There is no end to work a righteous group like SAF, with your support must do:

- Nebraska used a statutory prohibition to prevent legal non-residents in the state from getting carry permits so SAF filed a motion for injunctive relief;
- Missouri stonewalled a legal non-citizen resident of the state from carry by non-citizens, and faced a federal challenge brought by SAF;
- Alameda County California set up impossible and changing conditions to prevent three businessmen from opening an otherwise perfectly legal gun store in the county, requiring a lengthy and complex lawsuit;
- The City of Seattle violated the Public Records Act by hiding public records related to their controversial “gun-buyback” program, so SAF sued to get the info released;
- San Francisco and Oakland, California police had to be sued to force them to return firearms to citizens after refusing to return the property to their rightful owners, after the people charged with crimes were subsequently cleared of any wrongdoing;

- The Warren County, Illinois Housing Authority took it on itself to ban personally owned firearms by residents of government-subsidized housing, so SAF brought a federal lawsuit against the federal authority;
- Massachusetts faced an SAF federal lawsuit for denying legal resident aliens the licenses required to possess a handgun in the home for self-defense, or even the purchase of any kind of firearm or ammunition;
- North Carolina faced an SAF federal lawsuit seeking a permanent injunction against the governor, local officials and local governments from declaring states of emergency under which private citizens could be prohibited from exercising their right to bear arms;

- Virginia faced an important constitutional challenge in U.S. District Court over its provisions banning handgun sales to non-residents, a topic SAF has railed against in the courts, editorials and its publications;
- Michael Bloomberg himself, the billionaire grand guru of anti-rights activity, faced a federal civil-rights lawsuit over the exorbitant \$340 New York City fee to keep your own handgun in your own home, because it is “excessive and...impermissibly burdens the Second Amendment right to keep and bear arms.”

We won some, we lost some, and some are still in the works, you can read the entire set of filings and results on the SAF website, so go there, saf.org. Win, lose or draw, the cases make points and raise serious legal issues, exposing the hypocrisy, tactics, and malfeasance of the malevolent forces arrayed against us.

What’s important to understand here is how many cases there are, and how much work goes into this, and how broad the attacks on us are – that the mass media hides from you. (This is only a partial list.) At every turn, so-called “authorities” are hard at work attempting to deny you the very rights you are supposed to have unincumbered. Where would we be without a force like The Second Amendment Foundation and their allies – you!

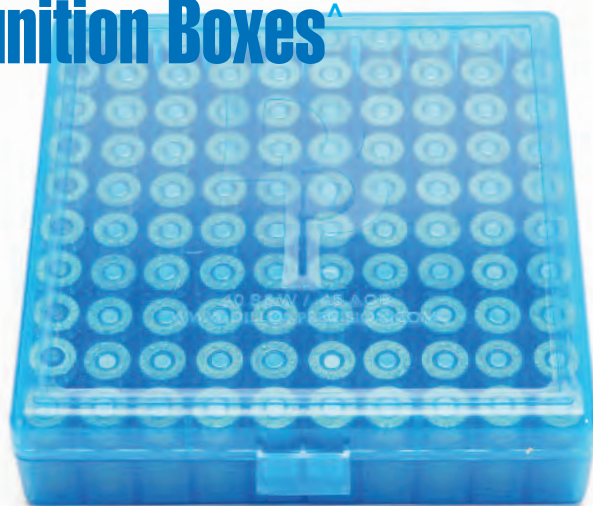
Award-winning author Alan Korwin has written 14 books, 10 of them on gun law, and has advocated for gun rights for nearly three decades. See his work or reach him at GunLaws.com.

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They involved hundreds
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participants with SAF
part of the vanguard.**

Dillon's Transparent Ammunition Boxes[^]

Description	Stock #	Each	Case (50)
.22 LR/.25 ACP (100 rd)	P64-80038	\$1.76	\$79.00 (50)
.380/9mm (50 rd)	P64-80019	1.73	78.00 (50)
.380/9mm (100 rd)	P64-80033	2.83	127.50 (50)
.38/.357 (50 rd)	P64-80020	1.73	78.00 (50)
.38/.357 (100 rd)	P64-80034	2.83	127.50 (50)
.44 Mag./45 Colt (50 rd)	P64-80023	2.05	92.50 (50)
.44 Mag./45 Colt (100 rd)	P64-80036	3.15	142.00 (50)
.40 S&W/.45 ACP (50 rd)	P64-80024	2.05	92.50 (50)
.40 S&W/.45 ACP (100 rd)	P64-80037	3.15	142.00 (50)
.223/5.56 (50 rd)	P64-80022	2.05	92.50 (50)
.223/5.56 (100 rd)	P64-80035	3.15	142.00 (50)
.243/.308 (20 rd)	P64-80039	1.90	85.50 (50)
.243/.308 (50 rd)	P64-80025	2.23	100.00 (50)
.30-06 (20 rd)	P64-80040	2.04	90.00 (50)
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AMMO BOXES ARE COVERED BY DILLON'S LIFETIME WARRANTY



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

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

Description	Stock #	Each	6 ea.	12 ea.
"Square Deal" Bin	P64-13756	\$2.95	\$15.30	\$24.84
"RL 550/XL 650/750" Bin	P64-13839	2.95	15.30	24.84
"RL 1050" Bin	P64-13484	6.95	34.92	61.92
"SL 900" Bin	P64-17125	10.50	56.94	106.92



Berry's Mfg. Ammo/Storage Boxes[^]

Description	Stock #	Each	10 ea.	50 ea.
.500 S&W (50 rd)	P64-19243	\$2.98	\$22.40	\$97.00
NOTE: .500 S&W Ammo Boxes also fit .223/.243/.308 WSSM				
.454 Casull (50 rd)	P64-19244	2.98	22.40	97.00
.45/70 (50 rd)	P64-19245	3.29	24.20	105.00
7.62 x 54R (50 rd)	P64-19247	3.50	25.50	110.50
.300 Ultra (50 rd)	P64-19246	3.50	25.50	110.50
Storage Boxes				
4-3/8" x 2" x 1-5/8"	P64-19250	\$1.12	\$8.40	\$36.50
4-1/2" x 4-1/2" x 1-5/8"	P64-19251	2.32	17.40	75.50
5-1/2" x 2-5/8" x 2-1/2"	P64-19252	2.22	16.70	72.00

Berry's Mfg. "20 Caliber" Ammo Can

Modeled after the military can, this tough unit is injection molded out of a tough polymer, has a gasket sealed lid, and a cam-lock latch to protect your contents. Also features a collapsible handle for easy stacking and storing.

Dimensions: 9.25" L x 3.125" BW x 3.125" TW x 2.5" H

LIFETIME WARRANTY. MADE IN THE USA

P64-12296 \$8.99



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	P64-13636	\$2.95	\$12.45
Large Utility Box	P64-17195	5.75	23.95

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



The Lever Loader

The Speed Beez Lever Loader gives you the mechanical advantage you're looking for! Works with double-stack GLOCK 9mm mags with or without magazine extensions.

A must have for Pistol Caliber Carabines using GLOCK mags.

P64-12337 \$24.95



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/UZI 9mm RH
Colt/UZI 9mm LH
CZ Scorpion LH
GLOCK 9/40 RH
SIG MPX LH

P64-10047 \$37.99
P64-10051 37.99
P64-10053 37.99
P64-10050 37.99
P64-10052 37.99

Tuff Products Mag Pouches



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

Black 8-Magazine Single-Stack (1911) **P64-19854 \$39.95**
Brown 8-Magazine Single-Stack (1911) **P64-19855 39.95**
Black 5-Mag. Double-Stack (9/.40 GLOCK) **P64-19856 39.95**
Brown 5-Mag. Double-Stack (9/.40 GLOCK) **P64-19857 39.95**

Taylor Freelance Magazine Extensions



AR-15/Tavor 9mm SMG +10 **P64-12377 \$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.*

TF/Wolff Spring for above **P64-12213 \$10.00**

Some Colt/Tavor/UZI magazines ship with strong springs capable of powering +10 extensions. Others don't. This spring eliminates the problem.

CZ Scorpion +10 **P64-12378 \$49.95**

- Extra length/strength spring included
- Thumbscrew-and-gasket retention system allows for quick, easy disassembly.

GLOCK +20 *Pictured* **P64-12148 \$69.99**

Transforms Glock 31-round magazines into 51+1 round mags.

Legal for PCC competition!

- Extra length/strength spring included.

SIG MPX +10 **P64-12376 \$29.95**

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

SIG P320 +5 **P64-12375 \$39.95**

- Extra length/strength spring included.

California Competition Works Six-Magazine Pouch for PCC Magazines



California Competition Works' magazine storage pouch[^] for PCC magazines is the easy way to protect, store, organize and transport your PCC magazines. Easily holds six 30-round factory or after-market pistol-caliber carbine magazines.

P64-39921 \$29.95

SAFARILAND Equipment Locking System

ELS Quick Attachment Accessory System



Sorry, but the shotshells and magazine pictured do not come with these ELS System components.



2 ELS Attaching Forks
P64-16685 \$20.00

2 ELS Receiver Plates
P64-16686 \$20.00

2 Forks/2 Plates
P64-15184 \$35.00

4-Shell Holder with ELS Attaching Fork (You'll need a Receiver Plate.)

4 Shell Holder P64-15181 \$58.00

8-Shell Holder with ELS Attaching Fork (You'll need a Receiver Plate.)

8 Shell Holder P64-15182 \$108.00

Mag Pouches (You'll need an Attaching Fork & Receiver Plate or other hardware.)

AR Mag Pouch P64-19396 \$19.95

M1A Mag Pouch P64-19397 19.95

Tactical Shotshell Strippers



California Competition Works' Tactical Strippers are available in 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 a belt clip that will accommodate up to a 2-1/4" duty belt.

Six-Shell Tactical Stripper

P64-18606 \$23.95

Four-Shell Tactical Stripper

P64-18605 22.95

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.

P64-15773 \$19.95

Arredondo Accessories' 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.

P64-15485 \$11.95

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

Blue Press 51

REDDING Reloading Dies & Accessories



Complete Three-die sets – Size, bell, seat

.32 ACP	P64-15521	\$106.00
.32-20 Winchester	P64-11906	106.00
.38-40 Winchester	P64-11838	140.00
.38-55 Win./Ballard	P64-19106	140.00
.44-40 Winchester	P64-11692	78.00
.45-70 Gov't	P64-12700	106.00
.460 S&W	P64-10319	106.00

Complete Two-Die Sets

.204 Ruger	P64-12547	\$78.00
.22 Hornet	P64-11484	78.00
.220 Swift	P64-12182	78.00
.22-250	P64-15761	78.00
.224 Valkyrie	P64-10316	106.00
.243 Winchester	P64-15762	78.00
6mm Creedmoor	P64-10315	106.00
.25-06 Remington	P64-12183	78.00

.25 WSSM	P64-11194	82.35
.260 Remington	P64-09997	78.00
.270 Winchester	P64-10822	78.00
.270 WSM	P64-18337	47.95
6.5 Creedmoor	P64-71005	78.00
6.5 Grendel	P64-19893	140.00
6.5 x 55mm	P64-11353	78.00
6.8 SPC	P64-12548	106.00
7 x 57mm Mauser	P64-11212	78.00
7mm WSM	P64-18339	64.95
7mm Rem. SA UM	P64-18338	64.95
7mm Rem. Mag.	P64-11775	78.00
7mm-08 Remington	P64-12041	78.00
7.5mm Swiss	P64-09995	140.00
7.62 x 39mm	P64-12045	106.00
.30-30 Winchester	P64-29020	78.00
.30-40 Krag	P64-11835	140.00
7.62 x 54mm	P64-09994	106.00
.300 AAC Blackout	P64-12550	106.00
.300 WSM	P64-15763	78.00
.300 RUM	P64-18342	78.00
.300 Weatherby	P64-11354	78.00
.300 Win. Mag.	P64-12046	78.00
.303 British	P64-11691	106.00
8 x 57mm Mauser	P64-09996	78.00
.338 Win. Mag.	P64-11774	78.00
.338 Lapua Mag.	P64-21354	140.00
.458 SOCOM	P64-10320	140.00

Individual Dies: Neck-Size-Only Dies

.223 Remington	P64-10164	\$53.00
.22-250	P64-11184	53.00

.224 Valkyrie	P64-10318	71.00
.243 Winchester	P64-10172	53.00
6mm Creedmoor	P64-10317	71.00
.25-06	P64-11336	53.00
.260 Remington	P64-09993	53.00
.270 Winchester	P64-11806	53.00
7mm Rem. Mag.	P64-11392	53.00
.308 Win./7.62	P64-10165	53.00
.30-06	P64-11763	53.00
.300 Win. Mag.	P64-11108	53.00



Powder Measure, Reloading Accessories

Match-Grade Model 3 BR Powder Measure	P64-10121	\$184.00
Large (7.5") Powder Reservoir	P64-10123	\$16.00
X-Large (10") Powder Reservoir	P64-10124	\$19.00
Powder Trickler	P64-11986	\$38.00
Stuck Case Removal Kit	P64-12186	\$28.00

Specialty/Custom Die Sets^A

.50 AE	P64-14514	\$49.95
(Incl: RCBS steel size, expander, seat/crimp)		
.500 S&W	P64-11114	\$49.95
(Incl: RCBS steel size, expander, seat/crimp)		
RCBS Carbide .500 S&W Size Die only		
	P64-19923	\$40.95



Lyman Neck Expander Die

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

properly aligned with the axis of the case neck. By adjusting the plug slightly deeper, the second step also provides a slight flaring of the case mouth for reloaders using cast bullets.

.22 Caliber Neck	P64-48962	\$26.50
6mm Neck	P64-48966	26.50
6.5mm Neck	P64-48965	26.50
.30 Caliber Neck, Short	P64-48964	26.50
.30 Caliber Neck, Long	P64-48963	26.50



Dillon's 1" Bench Wrench

A characteristic of virtually all progressive reloading machines, regardless of brand, is that the dies are set rather close together. When you're setting up a "naked" machine, there's plenty of 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. We've addressed this in two ways. We offer 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 1" wrench is a 7/16" box-end for adjusting the Powder Bar of any Dillon Powder Measure. All our lock rings fit any standard 7/8" x 14 dies.

1" Die Lock Ring (Zinc Alloy)	P64-14067	\$1.75
5-Pack of Die Lock Rings (Zinc)	P64-10669	5.50
1" Dillon Bench Wrench	P64-10842	8.95
<i>(Buy two or more 1" Bench Wrenches for \$8.10 each)</i>		
Wrench/Zinc Lock Ring 5-Pack	P64-10668	10.95

New Steel 1" Die Lock Rings

1" Die Lock Ring (Steel)	P64-62422	\$2.25
5-Pack of Die Lock Rings (Steel)	P64-62423	8.95
10-Pack of Die Lock Rings (Steel)	P64-62424	14.95
Wrench/Steel Lock Ring 5-Pack	P64-62425	17.95

L. E. Wilson Case Gages, Deburring Tool

.22-250	P64-12718	\$38.00
.243	P64-12828	38.00
.25-06	P64-11760	38.00
.270	P64-11828	38.00
6mm/6.5mm Creedmoor	P64-12108	38.00
6.8 SPC	P64-19522	38.00
7mm Mag.	P64-12336	46.00
7.62x39	P64-14901	38.00
.30-30	P64-12924	38.00
.300 AAC Blk.	P64-19515	38.00
.300 Win. Mag.	P64-11752	46.00
.300 WSM	P64-18709	38.00
.357 SIG	P64-18708	38.00
.38-40 Win.	P64-10682	38.00
.44-40 Win.	P64-10697	38.00
.50 BMG	P64-14447	60.00
Deburring Tool	P64-16038	26.00



EGW Chamber Checkers

Rifle Chamber Checkers		
.223 Rem.	P64-25377	\$29.95
5.56x45	P64-25376	29.95
6.5 Creedmoor		
.300 Blk	P64-11582	39.95
.308 Win.	P64-11581	39.95
.30-06	P64-18964	39.95
	P64-19675	45.00
Pistol Chamber Checkers		
9mm	P64-19846	\$19.95
.38 Super	P64-19847	19.95
.40 S&W	P64-19848	19.95
10mm	P64-19676	20.00
.45 ACP	P64-19849	19.95
Shotgun Chamber Checker		
12 Ga.	P64-19523	\$49.99
20 Ga.	P64-19524	49.99
Cowboy Chamber Checker (.357 Mag., .44 Mag., .44-40, .45 Colt)		
	P64-25375	\$19.95

Dial Caliper[^]

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



P64-13462 \$28.00



Digital Caliper[^]

Accurate, Easy to Read!

P64-17171 \$39.95

Lyman Products



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. 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.

P64-11389 \$39.95



Lyman Scale Weight Check Sets enable you to check/calibrate your scale using known weights.

Weight Set .5 - 60.5 Gr.
Weight Set .5 - 210.5 Gr.

P64-15958 \$36.95
P64-15959 48.95

CED Ultimate Pro Powder Trickler



- Adjustable height
- Weighted base
- Extension arm

\$21.95
P64-10940

Lyman Powder Pal Funnel Pan



P64-18399 \$5.95

Kershaw[®]

TRUST YOURSELF. TRUST YOUR TOOLS. BE READY FOR EVERYTHING.



Kershaw Volt II opens one-handed and with an authoritative "twack" thanks to Kershaw's SpeedSafe[®] assisted opening system. A simple pull back on the flipper and the Volt II opens smoothly and easily.

Blade length: 3.25" Closed: 3.9" Open: 7.1"

P64-66698 \$55.95



Designed by RJ Martin, the Volt II has the same versatile blade and handle style as the original Volt, but with a hardworking 8Cr13MoV stainless steel blade and textured, black glass-filled nylon scales.

Blade length: 3.25" Closed: 3.9" Open: 7.1"

P64-66699 \$49.95



The Kershaw Method opens quickly, easily, and manually with Kershaw's KVT ball-bearing system and a built-in flipper. The handle is black - of course. The G10 handle features an unusual machined pattern reminiscent of an architectural truss.

Blade length: 3" Closed: 4.25" Open: 7.25"

P64-66700 \$39.99



Kershaw Pub looks like nothing you've ever seen. The blade is a modified sheepsfoot with a straight edge and clipped rather than rounded tip.

Blade length: 1.6" Closed: 3.1" Open: 4.5"

P64-31323 \$24.95

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 un-noticed by 90 percent of people who see it. Yup, just another "keychain device" to most, and yet it works so well when needed. You deserve a Stinger!

P64-19495 \$9.95

The Original GLOCK[®] Field Knife

Field Knife, GLOCK, with scabbard, 1 ea.

P64-15483 \$34.95



MAGPUL®

UNFAIR ADVANTAGE™



MAGPUL 10-Round polymer PMAG 10 AR-15/M4 Gen M3™ .223/5.56 magazine.
P64-33393 \$13.95



MAGPUL 25-Round polymer PMAG 25 LR/SR Gen M3™ Window SR25/ M110 .308/ 7.62x51 magazine.
P64-27080 \$22.95



MAGPUL 30-Round polymer PMAG 30 AK/AKM MOE® 7.62x39 magazine.
P64-43241 \$13.95

MAGPUL 30-Round polymer PMAG 30 GEN M3™ AR-15/M4 .223/5.56 magazine.
P64-43280 \$14.95
 MAGPUL AR-15/M4 .300 BLK magazine
P64-12121 \$15.95



MAGPUL -5 Round Limiter PMAG 20. Only fits .223/5.56 magazines.
P64-33394 \$13.95 Pkg of 3



MAGPUL 20-Round polymer PMAG 20 LR/SR Gen M3™ SR25/M110 .308/ 7.62x51 magazine.
P64-55007 \$19.95



MAGPUL 20-Round polymer PMAG 20 AK/AKM MOE® 7.62x39 magazine.
P64-10008 \$12.95



MAGPUL's Enhanced Self Leveling Follower is a drop-in replacement for USGI 30-round magazines. Features a four-way anti-tilt design.
 3-Pk. **P64-12606 \$6.95**



MAGPUL MAGLINK™ makes it easy to link MagPul .223/5.56 mags together.
P64-43240 \$17.95
FOR MAGPUL .223/5.56 MAGS ONLY



MAGPUL Bipod for 1913 Picatinny Rail is made of high-strength polymer, steel and Mil-Spec hard anodized aluminum.
 Flat Dark Earth **P64-12112 \$109.95**
 Black **P64-12098 109.95**



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 **P64-43237 \$19.95**
 Black **P64-43236 19.95**
 Olive Drab Green **P64-43238 19.95**

MAGPUL Magazines for GLOCK® Pistols



The PMAG® 15 GL9™, PMAG® 17 GL9™, PMAG® 21 GL9™ and PMAG® 27 GL9™ magazines hold 15, 17, 21 and 27 9mm Parabellum rounds respectively. *Note: Will not accept aftermarket floorplates designed for GLOCK® factory magazines. Instead, MagPul offers the GL L-PLATE™ Overmolded extension for GL9™ pattern PMAGs®. Note: Does not increase capacity.*

PMAG 17 GL9	P64-43287	\$12.95
PMAG 15 GL9	P64-20950	12.95
PMAG 21 GL9	P64-43399	17.95
PMAG 27 GL9	P64-12096	19.95
GL L-PLATE 3-Pack	P64-20929	19.95

SPRINGFIELD Magazines/1911 Guide Rod



Springfield XD & XDM Magazines		
12-Rd. XD .40	P64-11587	\$31.95
13-Rd. XD Comp. 9mm	P64-11765	29.95
9-Rd. XD Comp. .45	P64-11764	29.95
13-Rd. XD/XDM .45	P64-11585	32.95
19-Rd. XDM 9mm	P64-15496	36.95
7-Rd. XD-S 9mm	P64-19681	28.95
8-Rd. XD-S 9mm	P64-11731	39.95
9-Rd. XD-S 9mm	P64-19680	39.95
16-Rd. XDM .40	P64-19971	36.95
5-Rd. XD-S .45	P64-15234	28.95
6-Rd. XD-S .45	P64-11730	39.95
7-Rd. XD-S .45	P64-15235	39.95

Two-Piece 1911 Recoil Spring Guide Rod – Machined from stainless steel.
P64-15724 \$24.95



GLOCK factory magazines.
G-17
P64-11363 \$39.95
33-Rd. 9mm
P64-18806 \$39.95

C-Products 32-Rd. 9mm M-16/AR-15 magazines. .
P64-49996 \$29.95

C-Products 30-Round aluminum M-16/AR-15 magazine.
P64-15593 \$19.95

Mec-Gar Pistol Magazines

NEW Plus-2 Adapter, fits mags in red	P64-62207	\$9.95
Beretta 92 18-rd. AFC*	P64-18728	25.95
Beretta 92 20-rd. AFC*	P64-18729	29.95
Browning HP 15-rd. Blue	P64-18730	25.95
1911 8-rd. .45 ACP Blue	P64-43406	25.95
1911 8-rd. .40 S&W Blue	P64-43405	24.95
1911 8-rd. 10mm Blue	P64-43404	24.95
1911 10-rd. 9mm Blue	P64-43402	29.95
1911 11-rd. .45 ACP Blue	P64-18732	24.95
CZ-75B 19-rd. AFC*	P64-14989	29.95
Para P-14 14-rd. Blue	P64-18733	23.95
Para P-16 15-rd. Blue	P64-18734	23.95
Para P-18 17-rd. Blue	P64-18735	23.95
Ruger P-Series 9mm 17-rd. Blue	P64-18736	25.95
Ruger P-Series 9mm 20-rd. Blue	P64-18737	29.95
S&W 59 17-rd. Blue	P64-18738	25.95
S&W 59 20-rd. Blue	P64-18739	29.95
SIG Sauer 226 18-rd. AFC*	P64-18740	25.95
SIG Sauer 228 15-rd. Blue	P64-18741	25.95
Springfield XD (not XDM) .40 13-rd. AFC*	P64-14991	29.95
Taurus 92-99 17-rd. Blue	P64-18742	25.95
Taurus 92-99 18-rd. AFC*	P64-14987	23.99
Taurus 92-99 20-rd. Blue	P64-18743	29.95

*AFC = Anti-Friction Coating

CMC Magazines

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	P64-11077	\$39.95
CMC RPM 8-Rd. .45 ACP 1911	P64-11078	36.95
XP Series, Match Grade and Power Mag+ Magazines		
Match Grade .45 ACP 8-Rd. (Floorplate drilled for base pads.)	P64-10311	\$30.99
Power Mag+ .45 ACP 10-Rd.	P64-15025	34.99
Extra XP-9 Base Pad	P64-43300	4.99

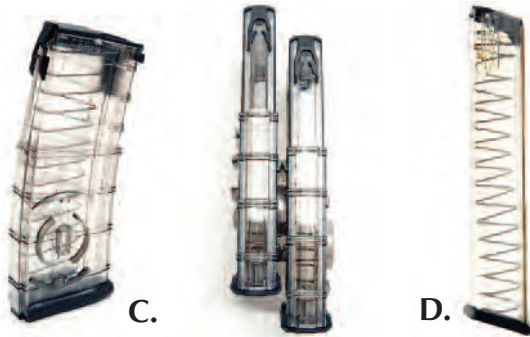
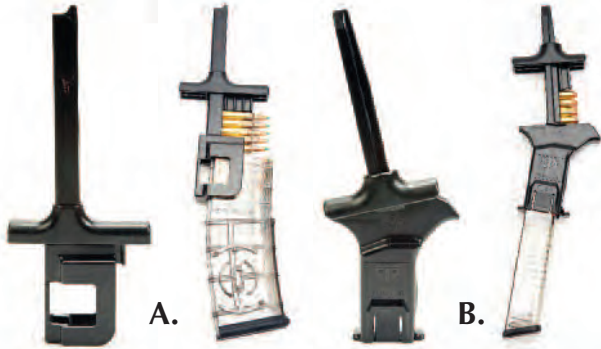
ADCO Super Thumb

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.



ST2 is for GLOCK and Para-Ordnance magazines.	P64-18607	\$10.95
ST3 handles virtually all centerfire, single-column magazines.	P64-18608	\$10.95
ST22 is for Ruger 10/22 rifles.	P64-18609	\$10.95
STJR is for Ruger, Browning, Colt and High Standard .22 pistols.	P64-18610	\$10.95
	P64-18611	\$3.50

Elite Tactical Systems Magazines & 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.

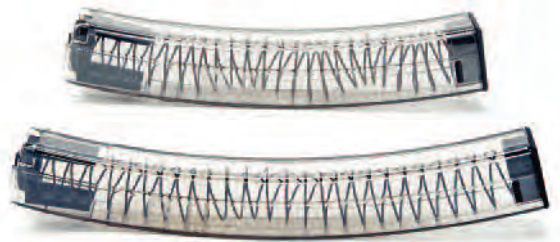
Made in USA With a Lifetime Warranty!

A. C.A.M. Rifle Mag. Loader	P64-10244	\$29.99
B. C.A.M. Pistol Mag. Loader	P64-10245	29.99
C. AR Magazine, 30 rd.	P64-10266	19.99
D. GLK-18 Magazine, 31 rd. 9mm	P64-10246	21.99
GLK-17-10 Magazine, 10 rd. 9mm	P64-10265	17.99
GLK-19-10 Magazine, 10 rd. 9mm	P64-10264	17.99
GLK-22 Magazine, 30 rd. .40 S&W	P64-10250	21.99
GLK-42 Magazine, 7 rd. .380	P64-10251	16.99
GLK-42 Magazine, 9 rd. .380	P64-10260	21.99
GLK-42 Magazine, 12 rd. .380	P64-10261	21.99
GLK-43 Magazine, 7 rd. 9mm	P64-10247	16.99
GLK-43 Magazine, 9 rd. 9mm	P64-10248	21.99
GLK-43 Magazine, 12 rd. 9mm	P64-10249	21.99

Arredondo Accessories Magazine-Cleaning Brush



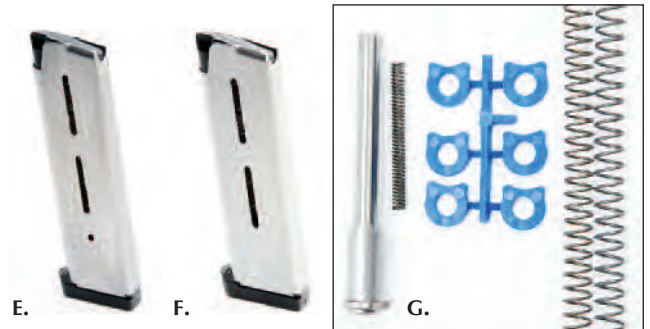
Arredondo Accessories' Magazine-Cleaning Brush is ideal for that little job we all dread (avoid?!). No excuse, Sir! P64-19257 \$11.95



The new ETS magazine fits the H&K MP5, MP5K, HK94, SP89 and the SP5K. It works with the ETS C.A.M. Rifle Magazine Loader. It's extremely reliable feeding – even with hollow points. They're far lighter than steel magazines, fits standard MP5 mag pouches and couplers. Both 30- and 40-round capacity available. Compatible with all MP5-style 9mm firearms such as: Zenith, MKE, Omega, POF, HK Contract MP5 9mm Variants, MP5 style SW5, BW5, CA94, D54, V94, clones or other custom builds.

HK MP5 Magazine, 30 rd. 9mm	P64-10043	\$39.99
HK MP5 Magazine, 40 rd. 9mm	P64-10042	44.99

Wilson Combat



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

A. (8 rd) .45ACP P64-18602 \$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 P64-12027 \$34.95

C. ETM (10 rd) 9mm P64-19463 \$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 P64-10505 \$32.95

E. WIL-ROG Mag (8 rd) .45ACP P64-11714 32.95

F. Officers Match Mag. (7 rd) .45ACP P64-10506 32.95

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 P64-18150 \$37.05

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

SHOK-BUFF Kit (2 buffers, 18.5# recoil spring) Gov't Model P64-18148 \$5.95

SHOK-BUFF Buffer only (6 ea.) P64-18147 \$6.95

EB Ed Brown Products

Two-Piece 1911 Guide Rod Assembly
Heat-treated Stainless Steel
May be installed without firearm modification.
P64-10229 \$29.95

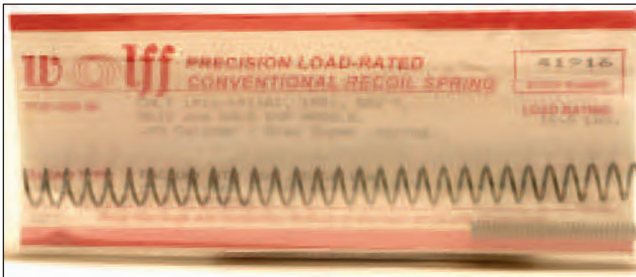


Rebuild Kit
for 1911-Style Pistols,
STAINLESS (pictured)
P64-10226 \$19.95
BLUE
P64-10225 \$19.95

Grip Screw Bushings
Set of Four for
1911-Style Pistols
STAINLESS (pictured)
P64-10228 \$7.95
Set of Four for
1911-Style Pistols
BLUE
P64-10227 \$6.95



Wolff Gunsprings



Wolff RECOIL SPRINGS				
BROWNING HI-POWER				
18.5 Pound	P64-11373	\$7.25	14 Pound	P64-19357 7.98
COLT GOVERNMENT MODEL				
9 Pound	P64-11719	\$7.25	15 Pound	P64-19358 7.98
10 Pound	P64-12193	7.25	16 Pound (Std.)	P64-19359 7.98
12 Pound	P64-12007	7.25	SPRINGFIELD 5" 9/40 XD	
13 Pound	P64-12443	7.25	12 Pound	P64-19339 \$7.98
14 Pound	P64-12338	7.25	13 Pound	P64-19340 7.98
16 Pound (Std.)	P64-11860	7.25	14 Pound	P64-19341 7.98
17 Pound	P64-12192	7.25	15 Pound	P64-19342 7.98
18.5 Pound	P64-12465	7.25	16 Pound	P64-19343 7.98
20 Pound	P64-12056	7.25	17 Pound (Std.)	P64-19344 7.98
23 Pound	P64-11377	7.25	SPRINGFIELD 5" 45 XD	
COLT OFFICERS MODEL				
24 Pound	P64-12110	\$7.25	14 Pound	P64-19345 \$7.98
CZ 75B				
9 Pound	P64-19348	\$7.98	16 Pound	P64-19346 7.98
10 Pound	P64-19349	7.98	18 Pound	P64-19347 7.98
11 Pound	P64-19350	7.98	SPRINGFIELD 4.5" 9/40 XDM	
12 Pound	P64-19351	7.98	14 Pound	P64-19336 \$7.98
13 Pound	P64-19352	7.98	16 Pound	P64-19337 7.98
14 Pound (Std.)	P64-19353	7.98	18 Pound (Std.)	P64-19338 7.98
SMITH & WESSON M&P				
12 Pound	P64-19356	\$7.98	Wolff GUIDE RODS	
			S&W M&P	P64-19354 \$24.95
			Sp'field XDM 4.5	P64-19355 24.95
			Wolff HAMMER SPRINGS	
			1911	P64-11511 \$9.00
			Wolff MAG CATCH SPRINGS	
			1911	P64-11791 \$9.95

Adjustable Target Pistol Sight



This **Adjustable Target Pistol Sight** is precision machined and fits in a standard 1911 "Bomar slide cut." Yeah, the services of a gunsmith are required to cut the slide (unless your pistol already has a Bomar cut) but the results are worth it.

P64-18210 \$53.95

Evolution Gun Works 1911 Magwell



EGW 1911 Magwell, Blue
EGW 1911 Magwell, Stainless

P64-18601 \$74.99
P64-18600 74.99

Dillon's 1911 Action Impact Reducers[^]



An easy, affordable way to protect your favorite 1911's frame from being battered by recoil.
Action Impact Reducers (6 ea.)

P64-20516 \$4.95

Dillon Bushing Wrench



Metalfom 8-Round 10mm
1911 pistol magazine.

P64-33328 \$24.95

P64-11049 \$2.50

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

The new
Super Vel.
Hotter.
Faster.
Better.



The original Super Vel Cartridge Company forever changed "police ammunition" with a new style of bullet, the jacketed hollow point. Now, 40 years later, Super Vel is back!

Super Vel Ammunition

.38 Sp. +P "Super Snub" 90 Gr. JHP (20)	P64-10024	\$22.95
.380 ACP "Pocket Rocket" 80 Gr. SCHP (20)		
	P64-10270	24.95
9mm +P 115 Gr. SCHP (20)	P64-12881	27.95
9mm 115 Gr. Subsonic SCHP (20)	P64-12883	27.95
10mm 160 Gr. SCHP (20)	P64-12886	39.95
.45 ACP +P 160 Gr. SCHP (20)	P64-12880	39.95

Baschieri & Pallagri Slugs



\$23⁹⁵
P64-19214

Reduced recoil,
1200 fps 25 per
box.
NOTE: Age
verification
required to
order.

**Lone Wolf Distributors Parts
for GLOCK® Firearms**

BUTTON RIFLED, THREE-STAGE HONED BORE



Lone Wolf Distributors' Alpha Wolf Replacement Barrels

GLOCK 17 9mm Barrel (Black)	P64-43350	\$139.95
GLOCK 19 9mm Barrel (Black)	P64-43352	139.95
GLOCK 26 9mm Barrel (Black)	P64-43361	139.95

DESIGNED FOR LEAD, PLATED, OR JACKETED AMMUNITION



Lone Wolf Distributors' Alpha Wolf Threaded Replacement Barrels (Thread Protectors ARE included)

GLOCK 22/31 9mm Conv. 1/2"x28 Bbl.	P64-43357	159.95
GLOCK 23/32 9mm Conv. 1/2"x28 Bbl.	P64-43360	159.95

All Alpha Wolf barrels are proudly made in the USA.



Lone Wolf Distributors' Slide-Completion Kit

9mm GLOCK	P64-43367	\$84.95
10mm GLOCK	P64-43364	84.95
.45 ACP GLOCK	P64-43365	84.95



Lone Wolf Distributors' Parts:

Extended Mag Release (Small Frame)	P64-18569	\$9.95
Extended Mag Release (Large Frame)	P64-19115	4.99
Extended Take-Down Lever	P64-19114	9.95
3.5# Trigger Stop Connector	P64-16501	14.95
3.5# Trigger Stop Connector for G42/43	P64-10111	19.99
Extended Slide Stop	P64-22299	15.99

GLOCK® Factory Original Parts:

Extended Slide Release	P64-18570	\$19.95
Striker Cups (The ones you always lose.)	P64-19325	4.95
Striker Channel Liner	P64-18881	9.95

Wolff Spring Co. Parts for GLOCK firearms:

Competition Spring Set	P64-11524	\$9.95
Trigger Return Spring 3-Pack	P64-11818	7.99
X-Tra Power Trigger Rtn. Spr. 3-Pk.	P64-15558	7.99
Guide Rod, GLOCK 17, 22, 31	P64-11356	24.95
Guide Rod, GLOCK 19, 23	P64-11435	24.95
Guide Rod, GLOCK 20, 21	P64-11352	24.95
Recoil Spring, 12#	P64-11420	7.99
Recoil Spring, 14#	P64-11418	7.99
Recoil Spring, 15#	P64-11419	7.99

Apex Tactical Specialties



**S&W SD Polymer
Action Enhancement Trigger**
P64-77789 \$39.95



S&W M&P Pistol Sear
M&P 9/40 P64-21889 \$41.95
M&P 45 P64-21892 \$41.95



**S&W M&P 9/40
Competition Spring Kit**
P64-21891 \$25.95



**S&W M&P 9/40
Ultimate Striker Block Kit**
P64-21890 \$35.95

**S&W Sigma
Spring Kit**
P64-77788
\$20.95

Pearce Grip, Inc. Grip/Magazine Extensions



Grip extensions do not alter mag. capacity.

GLOCK® 26/27	P64-10346	\$9.95
G29 (10 rd.)/30 (9 rd. opt. mag.)	P64-10355	9.95
G30 (10 rd. mag. only)	P64-10356	9.95
G42	P64-10583	9.95
G43	P64-10584	9.95
Kel-Tec P11/Taurus PT111	P64-18586	9.95
SIG P365	P64-11802	9.95
S&W M&P SHIELD™	P64-11782	9.95
Springfield XD (9mm/.40 only)	P64-18587	9.95
Springfield XD-S	P64-15286	9.95
<i>Mag. extensions add additional capacity.</i>		
GLOCK® 10mm/.45 ACP (+2)	P64-18589	9.95
G27/33 (+1)	P64-18590	9.95
G42 (+1)	P64-10585	9.95
G43 (+1)	P64-10586	9.95

“The Plug” GRIP PLUG FOR GLOCKS



For Pre-Gen 4 GLOCKS

GLOCK® Models 17, 19,20,21,22,23 (fit may vary)	P64-18161	\$7.95
Model 21SF	P64-19925	7.95
Models 26,27,33	P64-10235	7.95
Model 30	P64-10648	7.95

For Gen 4 GLOCKS w/o Backstrap

Models 17, 18,19,22,23,24,25,31,32,34,35	P64-12179	\$7.95
Models 20,21,41	P64-12180	7.95
Models 26,27,33	P64-60900	7.95
Models 42,43	P64-60899	7.95

The National Target Company, Inc.



Pistol Targets: 100 per package

NRA Paper D-1 “Tombstone” Target 23”x35”	P64-18388	\$44.00
IDPA Paper Practice Target 22”x34”	P64-15735	39.95
USPSA/IPSC Paper Practice Target 22”x35”	P64-15836	39.95
50 Foot TIMED/RAPID FIRE 10.5”x12”	P64-15832	12.00
Competition 50 Foot SLOW FIRE 10.5”x12”	P64-15831	12.00
Competition 25 Yard SLOW FIRE 10.5”x12”	P64-13096	12.00
High Visibility Green 25 Yard SLOW FIRE 10.5”x12”	P64-66703	14.00
Police B-34 (Silhouette) 25 Yard 14”x24”	P64-13163	17.00
B-34 High Visibility Green 25 Yard 14”x24”	P64-66704	20.50
Police BH-21 (Silhouette) 25 Yard 22.5”x35”	P64-10094	37.00
Competition 25 Yard RAPID FIRE 21”x24”	P64-12839	24.00
Competition 50 Yard SLOW FIRE 21”x24”	P64-10041	24.00
Police B-27 (Silhouette) 50 Yard 22.5”x35”	P64-10670	37.00

Rifle Targets: 100 per package

Small Bore Rifle 100 Yard 14”x14”	P64-12430	\$11.00
High Power 200 Yd. 21”x24” (600 Yd. reduced)	P64-12650	46.00
ST-4 100 Yard Precision Rifle Target 15”x17”	P64-13679	16.00
Replacement Center 100 per package		
Pistol 25 Yard B8P Repair Center 10.5”x10.5”	P64-12676	\$7.00
200 Yard Rifle Repair Center 12.75”x12.75”	P64-15830	20.00

See Hit Targets 12 per package

SH-B8CRC Pistol 25 Yard Repair Center 10”x10”	P64-16328	\$9.00
SH-H-1 8 Inch Sighting Target 10”x10”	P64-16329	9.00
Target Pasters		
Black, Self-Adhesive, 500 ea.	P64-16304	\$3.50
Buff, Self-Adhesive, 500 ea.	P64-16309	3.50
Brown, Self-Adhesive, 500 ea.	P64-16310	3.50
White, Self-Adhesive, 500 ea.	P64-16313	3.50
Orange, Self-Adhesive, 500 ea.	P64-16327	3.50

Hartman Mfg Target Stands



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

One Target Stand	P64-18237	\$49.95
A Pair of Stands	P64-74493	91.95



One Hostage Target Adapter
(Shown at right attached to
Target Stand – not included.
Works only with Hartman target
stands.)

P64-11697 \$26.99



A Pair of
Target
Spikes
P64-11393

\$26.99

The HMB Bolt



Young Manufacturing is the licensed manufacturer of the HMB bolt. The HMB Bolt by HM Defense eliminates the pass-through cam-pin hole and replaces it with a cam-pin socket and radiused cam-pin design. The new patented design eliminates the natural weak point of Mil-Spec bolts by significantly increasing the amount of metal (and strength) at the cam-pin location. The result: **NO MORE BROKEN BOLTS!** The HMB Bolt also reduces contact between cam pin and firing pin, enabling smoother operation of the firing pin, bolt lugs and aft gas rings. The new cam-pin socket also retains lubrication for extended operations. Comes with a phosphate cam pin.

HMB Bolt P64-66680 \$99.00



Young Manufacturing's **Upper Receiver Vice** holds any AR15 upper receiver regardless of the manufacturer. Since it supports the receiver from the inside, the outside dimensions are of no concern. Made from aircraft-grade 6061 T6 aluminum and anodized to MIL-A-8625 Type 3 Class 2.

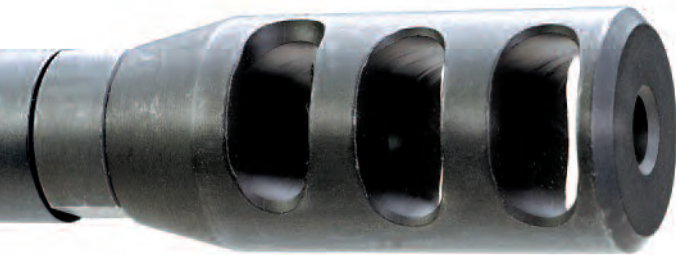
YM Upper Receiver Vice P64-66679 \$34.99



This tool makes it simple to remove or install a new ejector and spring into the AR-15 bolt. Anyone who has tried to do this without a tool will be amazed at the reduction in the number of cuss words needed to perform the task. Comes with alignment and roll pin punch.

YM Bolt Assembly Tool P64-66678 \$39.95

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 3-gun competitors.

P64-11328 \$49.95

JP Enterprises Tactical Performance Gear



JP Enterprises (Competition Only)

Low Mass Buffer JPLMB

P64-12585 \$59.95



JP Enhanced Reliability,
Reduced Power AR Spring Set

P64-12590 \$10.95

JP Reduced Power
AR Spring Set

P64-12618 \$10.95



JP Enhanced Gas Rings

.223 Gas Rings P64-11917 \$9.95

.308 Gas Rings P64-11718 9.95

Specialized Dynamics Emergency AR(epair) Kit



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

P64-19460 \$19.95

Badger Ordnance 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.

P64-10379 \$18.95

Elzetta

Tactical Flashlight Mounts



ZFH1500 Flashlight Mount for AR15s



ZSM Tactical Shotgun Flashlight Mount



ZRX Tactical Flashlight Mount

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	P64-12020	\$29.95
ZSM Tactical Shotgun Mount	P64-18050	39.95
ZRX Tactical Flashlight Mount	P64-15487	35.00

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.

CAR-15	P64-11961	\$34.95
FN-FAL/HK-91	P64-11962	40.00

KNS Precision, Inc. AR Accessories



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

P64-33391 \$33.00



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

P64-33392 \$38.00



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

P64-33390 \$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.

P64-19927 \$9.00

Schuster Mfg. Inc. Adjustable M1/M1A Gas Plugs

All Schuster Mfg. Inc. adjustable gas plugs are made in the U.S.A. from hardened tool steel, Parkerized and feature a lifetime factory warranty. By adjusting the volume of gas, you change the speed of the op rod and the barrel harmonics. If you're working up your own handloads, a quarter of a turn WILL affect your group size. Includes instructions and the adjustment tool (Allen wrench).



M1A (Pictured)	P64-15405	\$59.00
SOCOM M1A	P64-15409	59.00
M1 Garand	P64-15408	40.00



Gunslinger Spring Kits

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

Colt & clones	P64-20510	\$26.95
Ruger Blackhawk/Vaquero	P64-20511	24.95
Rossi/Navy Arms 92 lever guns	P64-20513	24.95
Stoeger IGA shotgun	P64-20514	14.95

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WINCHESTER 350 LEGEND

By John Bibby, Photo by Oleg Volk

At SHOT Show 2019 Winchester Ammunition proved once again, everything old is something new again. They introduced the .357 Maximum with a shiny new name and slightly different packaging. Quite honestly, it is a brilliant move into the niche market of deer hunting in straight-wall rifle states.

Perhaps I should explain a bit of the reason for this reintroduction. Back in 1983, Remington and Ruger jointly introduced the .357 Maximum. It was an attempt to up the power of the .357 Magnum for revolver deer hunting and Silhouette shooting. It worked wonderfully, except that in the pursuit of ultimate speed they chose to offer loads with 110- and 125-grain projectiles. In the light-bullet options, this led to flame cutting of the top straps. No one wants a top strap cut in half or a plasma saw out the cylinder gap, just waiting to take off an errant finger. The revolver line was quietly discontinued when this came to light. No such issue happened in the few single-shot rifles or over/under doubles chambered in .357 Maximum/.410 Gauge.

The cartridge was a high energy, flat-shooting round that provides excellent terminal energy. It just had no business being used in a revolver with such light projectiles. Moving up to at least 158-grain bullets removes most of those issues – even in revolvers – and is a better weight for hunting, as the velocity and energy last better at distance. At the time, a 180-grain JHP could be driven to just north of 1950 fps from a 14" barrel.

Enter the new 350 Legend

The Legend uses the exact same increase of 0.300 inches to the .357 Magnum case. Winchester learned from the Maximum's errors and offers bullet weights starting at 150 grains. In complete fairness, they have done some other things that will greatly improve the chances of the cartridge making it in today's crowded field. The first of these is they are actively pitching this round to a niche market of hunters who are desperate for recognition, and for a capable and flat-shooting round. To take better advantage of "flat shooting," they are offering polymer tipped bullets that enhance the ballistic coefficient of the round. Hunters in states that refuse to allow bottlenecked cartridges for hunting

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should pay attention as this makes for a very competent 200-yard gun in supersonic mode.

They also made the round rimless. This does two things. First, it greatly reduces the likelihood that anyone is going to load 110-grain bullets and shoot them in a revolver. Secondly, this greatly simplifies the transition to use in a semiautomatic platform. It was mentioned earlier, the brass is 0.300 longer than .357 Magnum, but they did not start with that as base brass. Instead, they are effectively using straight-walled .223 brass. I can already see a dozen of my friends chambering this for their modern sporting rifle (AR-15). CMMG already has, and it was released at the same time as the round. With straight-walled ".223 brass" as the foundation, a standard bolt carrier group works and all you need are different mags and a proper .357 barrel. If that catches on in any way at all, the round will get significant legs. The AR crowd will also be excited by the choice to release very heavy projectile rounds for use in suppressed applications.

Whether in a bolt gun or a semiauto, a 265-grain bullet traveling at 1060 feet per second is a force to be reckoned with. With a 100-yard zero, from the muzzle to 125 yards, the hold is from 3" high to 5" low and at 150 yards it is only a 12" hold over. That makes for a very simple and quiet 150-yard deer slayer, with 560 foot-pounds of energy at 150 yards. It also makes for a

fairly efficient brush gun using a roundnose projectile and a 50- to 75-yard zero.

For those wanting to hunt supersonic, Winchester's factory 160-grain offering gives +2200 fps at the muzzle, 9" of drop at 200 yards and a retained energy of +800 foot-pounds at that distance.

I know I would be very tempted to try a load using Hornady's 200-grain FTX for a 150-yard gun and the 200-grain Interlock RN for brush duty. The problem with my idea – according to the factory – is the .355 bore diameter. This is being done as Winchester is using thin-jacketed pistol projectiles to insure proper expansion at the low end of rifle velocities. That would not always be the case for a jacketed .358 bullets. The thicker rifle jackets would resist expansion. So for now it looks like the 170-grain Hornady bullets are the heaviest supersonic options.

Time will tell if the choice to utilize pistol diameter bullets is a pro or a con. It seems to this reloader, Winchester may have missed the boat a little bit by going with the .355 (9mm) diameter instead of the .358, which would have allowed for the use of common rifle bullets in that caliber range.

Perhaps this will mean the guys over at Seismic Bullets will adapt one of their 185-grain 9mm projectiles to the new 350 Legend. I know I would be first in line to bust a hog with that round.



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FREE NEW Introductory Gunsmithing Lesson on Video Includes...

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

Blue Press 63



Real Avid Gun Tools & Cleaning Gear



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

- AR-15 Smart Mat **P64-29041** **\$19.99**
- 1911 Smart Mat **P64-29040** **14.99**
- Handgun Smart Mat **P64-29042** **14.99**



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

P64-29033 **\$29.99**



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

P64-29032 **\$39.99**



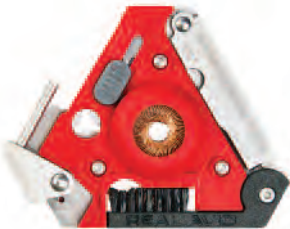
The Lug-Lok™ Upper Vise block utilizes the strength of barrel lugs to safely secure AR15 upper receivers while you work, rendering clamp-style blocks obsolete.

P64-29035 **\$79.99**



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

P64-29034 **\$9.99**



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

P64-29039 **\$29.99**

The unique Accu-Grip™ Picks and Brushes get the job done, feel good in your hand, and won't scratch your firearm.

Eight profiles dig gunk out of the places that even the sun don't shine. They're tough on the crud but tender on the metal. A better designed, better built detailing kit that just might make your dentist jealous.

P64-29036 **\$9.99**



The AR15 Brush Combo™ contains the critical components you need to keep your AR15 chamber and bore carbon free. It contains a star chamber brush and star chamber mop for cleaning inside the hard to reach star chamber. Star chamber pads help collect left-over carbon while applying the perfect amount of oil or solvent. The .223/5.56mm bore brush scrubs baked on carbon from lands and grooves.

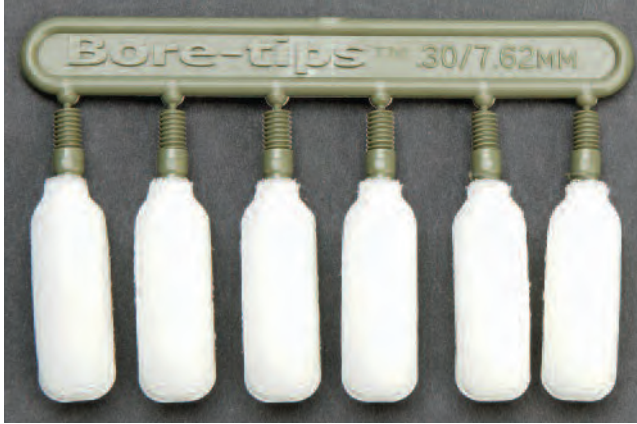
P64-29037 **\$9.99**

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

P64-29038 **\$12.99**



Swab-its A Swab for Every Job!



No s#!+, there I was...in my office, cleaning my revolver 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.)	P64-15310	\$4.98
.243/6mm (6 ea.)	P64-15311	4.98
.30/7.62mm (6 ea.)	P64-15312	4.98
.357/9mm (6 ea.)	P64-15313	4.98
.40/10mm (5 ea.)	P64-15314	4.98
.45 Caliber (5 ea.)	P64-15315	4.98
12 Gauge (3 ea.)	P64-15325	8.98
Multi Pack: (6) .22/5.56, (6) .30/7.62, (6) .357/9mm, (5) .40/10mm, (5) .45	P64-43312	26.99

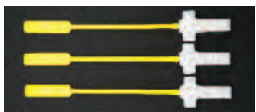


Gun-tips® Extended Reach Firearm Cleaning Swabs by Swab-its® revolutionize the way you clean your gun. The foam tips are lint free, reusable and ideal for cleaning trigger assemblies, slide rails, springs, extractors and anywhere else space is tight. 24 per package.

P64-12583 \$9.99

Bore-Whips™ .17 and .22 caliber (*pictured*) by Swab-its® are ideal for air rifles, rim-fires 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.	P64-12689	\$9.99
.22 Cal. (<i>Pictured</i>)	P64-12690	9.99



Star Chamber Cleaning Foam Swabs™ are for AR-15, M4 and similar MSRs. 3-pack

P64-10056 \$13.99

The **Swab-its® Handgun Cleaning Kit** for 9mm/.357 caliber handguns contains four Bore-Sticks™, a three-in-one tool that replaces the cleaning rod, jag, and patch; a nine-piece Multi-Surface Gun-Tips® package for internal and external cleaning requirements; and a 0.4 ounce bottle of **BREAKTHROUGH®** Battle Born HP Pro Lubricant and protectant. As with all Swab-its products, the Bore-Sticks and Gun-Tips are made of reusable, lint-free foam that is washable with degreasing soap and water or mineral spirits.

P64-11907 \$19.95



The **HYSKORE Degreazer** 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. 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. 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 Degreazer (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.

P64-10209 \$15.95



On gun dealers shelves since 1976, the **ADCO E-Z Brite Wonder Cloth** is still a must for keeping stainless steel and nickel-finished revolvers looking like new. Demand the original lead and carbon wipe!

P64-18613 \$7.99

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 **P64-19916 \$4.95**



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 **P64-19915 \$2.95**



Ram Rodz Barrel & Breech Cleaners

.22 Caliber/5.56mm, 300 count	P64-43289	\$12.95
.38 Caliber/9mm, 200 count	P64-43290	12.95
.40 Caliber/10mm, 100 count	P64-43291	12.95
.45 Caliber, 75 count	P64-43292	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.

P64-43293 \$34.95



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

Slip 2000 Products

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



16 Oz. P64-19237 \$21.99

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. P64-19234 \$21.99

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. P64-11644 \$18.99

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. P64-11645 \$18.99



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

P64-11652 \$25.99



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.

P64-11676 \$19.99

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. P64-11646 \$11.99

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 P64-11674 \$14.99

MIL-COMM Extreme Performance Lubricants

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
1.5 Ounces

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

4.2 Oz. Aerosol

P64-15732 \$10.99
P64-15731 14.50

P64-66677 \$11.95



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
Slide-Glide Lite

P64-15571 \$7.95
P64-15572 7.95



Sweet's 7.62

Sweet's Australian 7.62 Solvent easily removes powder residue and stubborn copper fouling. It's harmless to steel, a non-acid formula with five percent ammonia. If you shoot a rifle, you ought to try cleaning it with Sweet's.

P64-13128 \$12.95



Microton 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.

P64-75125 \$9.95

J. Dewey Manufacturing Co.



DEWEY Nylon Coated Cleaning Rods

All Caliber Pistol 6"	P64-15461	\$19.95
(.22-.26 Jag Adapter for All Caliber 6" rod [▲])	P64-19894	3.25
(.27 & up Adapter for All Caliber 6" rod [▲])	P64-19895	3.25
.22-.26 Caliber Pistol 12"	P64-12985	23.95
.17 Caliber Rifle 26"	P64-11472	22.95
.17 Caliber Rifle 36"	P64-11473	25.95
.22-.26 Caliber Rifle 36"	P64-13084	26.95
.22-.26 Caliber Rifle 44"	P64-15462	25.95
(.22-.26 Jag Adapter for Rifle rod [▲])	P64-14542	2.25
.27 Caliber and up Pistol 12"	P64-13021	23.95
.27 Caliber and up Rifle 36"	P64-12991	24.95
.27 Caliber and up Rifle 44"	P64-15463	25.95
.35 Caliber and up Rifle 36"	P64-17096	29.95
.35 Caliber and up Rifle 44"	P64-17097	29.95
(.27 & up Adapter for Rifle rod [▲])	P64-14541	2.25
Shotgun Rod (Uncoated Brass [▲])	P64-10473	24.95
2-pc Shotgun Rod	P64-15464	31.99

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

.22 Caliber Brass Jag	P64-10026	\$2.99
.24 Caliber Brass Jag	P64-10027	2.99
.27 Caliber Brass Jag	P64-10025	2.99
.30 Caliber (and up) Brass Jag	P64-10867	2.99
.38 - .41 Cal. Brass Jag	P64-10028	2.99
.44 - .45 Cal. Brass Jag	P64-10243	2.99

Brass Patch Loop[▲]

Accepts most pistol and rifle patches P64-10737 \$2.25

.17 Caliber Bore Brushes

.17 Caliber Rifle/Nylon (ea.)	P64-11475	\$1.95
.17 Caliber Rifle/Bronze (ea.)	P64-11474	1.95

Nylon Bore Brushes[▲]

.22 Caliber Rifle (ea.)	P64-16144	\$1.95
.243 Caliber Rifle (ea.)	P64-16145	1.95
.270 Caliber Rifle (ea.)	P64-16146	1.95
.30 Caliber Rifle (ea.)	P64-16147	1.95
.22 Caliber Pistol (ea.)	P64-16302	1.95
.38 Caliber Pistol (ea.)	P64-16148	1.95
.40 Caliber Pistol (ea.)	P64-16149	1.95
.45 Caliber Pistol (ea.)	P64-16150	1.95

Bronze Bore Brushes[▲]

.22 Caliber Rifle	P64-16278	Each/\$1.50	5 pack/\$5.50
.25 Caliber Rifle	P64-16293		P64-22089
.243 Caliber Rifle	P64-16280		P64-22094
.270 Caliber Rifle	P64-16274		P64-22091
.30 Caliber-.7.62mm Rifle	P64-16273		P64-22085
.35 Caliber Rifle	P64-16281		P64-22084
.44-.45 Caliber Rifle	P64-16279		P64-22092
.22 Caliber Pistol	P64-16282		P64-22090
.38 Caliber -9mm Pistol	P64-16275		P64-22093
.40-.41 Caliber -10mm Pistol	P64-16276		P64-22086
.44-.45 Caliber Pistol	P64-16277		P64-22088

Cotton Mops[▲]

.22-.27 Caliber (ea.)	P64-17089	\$1.95
.30-.38 Caliber (ea.)	P64-17090	1.95
.400-.450 Caliber (ea.)	P64-17091	1.95
16, 12 & 10 Ga. Shotgun (ea.)	P64-17094	1.95

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

Breech Rod Guide	P64-10149	\$20.00
AR-15 Chamber Cleaning Brush	P64-11299	3.50

Deluxe M-16/AR-15 Lug Recess Cleaning Kit[▲]

Lug Recess Cleaning Kit	P64-18533	\$27.95
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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	P64-14196	\$18.95
.243 Caliber - 7mm	P64-14197	18.95
.30 Caliber	P64-14198	18.95
.338 Caliber	P64-14199	18.95

Muzzle Guards

AR-15/M-16	P64-16875	\$10.95
M1-A/M-14	P64-16876	10.95
M1 Garand	P64-16878	10.95
Ruger 10-22 Standard Bbl.	P64-16877	10.95
Ruger 10-22 Bull Barrel	P64-16879	10.95
Brass Muzzle Guard, .30 Cal. [▲]	P64-17245	10.95

Nylon Gun Parts Cleaning Brush

Parts cleaning brush	P64-16389	\$2.25
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Cleaning Patches

Packages of 1000

.17 cal.	P64-11807	\$12.95
.22-.24	P64-11808	14.95

Packages of 500

.24-.27	P64-11809	\$11.95
.30-.35	P64-11810	13.95

Packages of 250

.38-.45	P64-11811	\$11.95
12-16 ga.	P64-11812	13.95

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. P64-18599 \$14.95



The Original M1 Buddy[®] Service Rifle Cleaning Port fits all models of M1 Garand and M1A rifles. The Original M1 Buddy is covered by a lifetime warranty and will be replaced free of charge if it fails under normal use. P64-13447 \$12.95



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

The Original Carbine Buddy P64-13452 \$9.99



Lyman's Pick & Brush Set[▲] is an indispensable item for your cleaning supplies and range bag. P64-40160 \$3.99

Grace USA Gun Care Tool Set



This custom designed 12" x 9" x 1-1/2" case is made of 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[▲]

P64-10680 \$99.95



Grace USA Gunsmith Hammer and Punch Sets[▲]

8 oz. Brass Hammer	P64-14969	\$15.95
16 oz. Brass Hammer	P64-15069	20.95
Brass Punches (8-Pc.)	P64-14968	31.95
Steel Punches (7-Pc.)	P64-15070	31.95
8 oz. Brass Hammer & 8-pc. Brass Punch Set	P64-21655	44.95

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.

P64-15305 \$39.95



Tru-Weight Trigger Scale

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.

P64-14838 \$26.95



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.

P64-15434 \$7.95

Bondhus Hex Key Sets



Ball-end set	P64-13286	\$12.95
Gorilla Grip Sm.	P64-16822	5.45
Gorilla Grip Lg.	P64-16823	6.35
Gorilla Grip Set	P64-22142	10.75

Barrel-Lite[®]

P64-10529 \$4.95



Specialized Dynamics Armorer's Upper Receiver Block



The **Specialized Dynamics AR15/AR10 Armorer's 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.

P64-43234 \$59.99

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
P64-18531 \$8.99



Dillon Bushing Wrench[^]



P64-11049 \$2.50

STUL GLOCK Slide Removal Tool

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.

P64-19527 \$11.95



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.

P64-15250 \$12.95

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.

P64-11390 \$15.95

NEBO[®]

The **NEBO[®] INSPECTOR[^]** is an innovative, powerful pocket light that outputs 180 lumens, with three light modes (High, 180 lumens for 2 hours; Low, 54 lumens for 6 hours; and Strobe, 180 lumens for 50 minutes) and a 3x adjustable zoom that provide the perfect amount of light for any situation. The INSPECTOR is also waterproof (IP67) and features a removable steel clip and Soft-Touch Technology, which provides momentary operation when the light is off with a slight touch of the button. Uses 2 AAA batteries.

P64-10206 \$19.99



Note, while there are two lights pictured in this photo, only one is included for \$19.99.



The **NEBO[®] INSPECTOR RC[^]** is a powerful 360 lumen rechargeable, waterproof (IP67) penlight. The INSPECTOR RC features FLEX-POWER and is equipped with a removable steel clip, 4x zoom and 3 light modes (high, low, strobe) and Soft-Touch Technology, which provides momentary operation when the light is off, with the slight touch of the button.

- 3 LIGHT MODES (Rechargeable Battery)
- High (360 lumens) – 1 hour/125 meters
 - Low (120 lumens) – 3 hours/70 meters
 - Strobe (360 lumens) – 25 minutes/125 meters
- 3 LIGHT MODES (AAA Batteries)
- High (100 lumens) – 1 hour/90 meters
 - Low (30 lumens) – 4 hours/50 meters
 - Strobe (100 lumens) – 25 min./90 meters

P64-13792 \$29.99

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

SELECTING BULLET HARDNESS



By Oleg Volk

As projectile material, lead predates guns by centuries. Roman slingers used cast lead bullets alongside stones and ceramic spheres. Despite being more expensive, lead won over in time: it was much denser, and easier to cast into uniformly shaped bullets. All through the Medieval and early Renaissance periods, lead bullets were used in arbalests or bullet crossbows. The infamous Chevalier de Bayard, “the knight without fear and beyond reproach” known for mutilating enemy arquebusiers and crossbowmen, fell to such a lead bullet in 1524. It remains on open debate whether the bullet that penetrated his armor came from a firearm or a crossbow, since both were referred to as “arquebus” at the time. Melting at just over 600° F and soft enough to be cut with a knife, lead could be made into bullets over a campfire. Considering the absence of bore standardization, the ability to make one’s own bullets was a distinct plus to individual soldiers in the field.

With the invention of rifling in the early 16th century, lead’s softness was also appreciated for better bore obturation than stone. Bullet velocity stayed at around 500 fps for pistols and under 1200 fps for muskets and rifles all the way up to the end of the 18th century. With muzzle-loading rifles, bullets were engraved on rifling during the slow and physically strenuous loading process. By the 1830s, the transition to rifled guns with elongated bullets revealed the problem with soft material: the bullets wouldn’t engrave on the lands properly, deforming around the edges instead. Paper patching was one way to get around that, but unjacketed lead

remained the material of choice until gilding metal jacket was invented in the 1890s. As better barrel steel and more-pure powders with optimized ratio of ingredients became available, pure lead bullets had to give way to harder cast alloys with the addition of tin and antimony. While quenching lead to harden it – the way birdshot is rapidly cooled in water or oil – is also possible, the alloying approach provides a more consistent solution. Concurrently, breech loading no longer required pushing the bullet through rifling using a ramrod, making the harder bullets practical in use.

The addition of small amounts of tin and antimony hardened lead considerably for better engraving on rifling, concurrently reducing the melting temperature. Pure lead melts at around 612° F, while 89/11 alloy with antimony liquefies at only 477° F, with all other ratios raising the melt point towards the original value and even higher. An added benefit to the harder lead alloys is the reduction of drossing. In either home or industrial casting, liquid metal should be kept at the melting point and no higher. Boiling the liquid wastes energy and increases the amount of airborne fumes. The bubbling and the churning also reintroduces lighter impurities back into the mix. With lead just at melting point, various contaminants float at the top and do not enter the bullet forms filled from the bottom of the container. Overheating the metal is also slows down the cooling of the poured portions inside molds.

Manually operated molds usually have one, two or four cavities. Unlike the classic single-cavity molds used by the pre-modern shooters, modern molds have

such close fit between halves that the seam is of negligible dimensions, so cutting of the sprue or molding flash is not necessary. With manually operated molds, overfilling should still be controlled to avoid waste of metal and effort. Underfilled molds are also a problem, and a more serious one, resulting in malformed projectiles due to air pockets.

Pure lead has Brinell hardness of around 5.0, soft enough to be used as a pencil filler that rubs off on paper. Each 1% of tin added increases it by 0.29-0.3. The main purpose of tin is to reduce the surface tension, improving mold fill. It also reduces the melting temperature of the alloy, getting as low as 361° F at 63% tin content. Such a mix isn't commonly used: while harder than lead, it's not very dense and projectile velocity would fall off rapidly. Thanks to their hardness, high-tin alloys have good penetration despite low density: they make most sense for short-range uses where quick follow-up shots are important. Such alloys also work well for low-recoil pistol target ammunition. Various alloys have different aging characteristics, with high tin content causing softening over time.

Every 1% additional antimony increases hardness by hardness increases 0.86-0.9. 90% lead with 10% antimony will melt at around 480° F instead of 621° F. Typical hard bullet-casting alloys contain between 0.5% tin and 2% antimony for BHN 11-12, and 15% tin with to 23% antimony for BHN 28-30. With antimony melting point being fairly high 1,167° F, most ingots earmarked for bullet production already contain some proportion of it. Some also contain trace amounts of arsenic to make heat treatment more effective. Reminder: arsenic isn't a recommended air ingredient, so ventilate your work area well!

Empirically derived formula for best hardness is based on the chamber pressure: $BHN = PSI/(1280)$. So a target load for .45 ACP can make do with BHN 16-18, while .30-30 Winchester would do better with BHN 30 and higher. Using excessively hard alloys would result in poor obturation, with gas blow-by and excessive leading. Very soft lead fired at higher pressures would fail to engrave on the rifling. Paper patching and, for higher velocities, polymer coating, metal plating or jacketing, were developed to mitigate that problem. Polymer or metal "skins" allow dispensing with the lubricants typical of plain cast ammunition, reducing the amount of smoke from each shot. However, additional layers of material can make the bullet balance less even. A single-ingredient cast bullet has higher potential for accuracy than a typical jacketed projectile, at least at anywhere near the same price point.

Bullet lubrication appeared almost at the same time as the elongated modern rifle bullet. The greater bearing surface than with patched roundball, cylindroconic

cal projectiles used animal or plant fats to reduce friction and lead fouling. Conventionally lubricated bullets have an advantage for black powder shooters, as the lube makes powder residue easier to remove. With paper cartridges common from the 1830s to the 1870s, lubricants also helped waterproof the ammunition to some extent.

Most long bullets have several grooves, one of which is used for crimping and the rest for the lube, which can be one of many substances of plant, animal or petroleum origin. Dry lube, like graphite, is also an option. Upon firing, the bullet deformation and the gas pressure force the lubricant out of the grooves and into the rifling around the bullet. Some of that lubricant burns up upon firing, producing the characteristic smoke. Mainly for the reduction of that smoke, many bullet casters have gone to polymer coatings. Another expedient for reducing both the lube burn-off and the gas cutting of lead at the bullet base is the gas check, a thin ductile metal pod of copper, zinc, aluminum or brass placed at the base of the bullet. With higher-velocity cartridges, gas checks reduce lead fouling and can improve accuracy by preserving the integrity of the bullet base. Gas checks are cheaper and easier to apply than complete jacketing and, being applied at the base, do more to ensure stable exit from the muzzle than jacketing drawn from the front with the exposed lead base, like standard "full metal jacket" ball ammunition.

The downside to harder alloys is the much-increased energy required to expand them upon impact with game or foe. Hollowpoint projectiles appeared in the late 19th century as bullet velocity increased and harder alloys had to be used. That was especially important for low-velocity handguns: the standard 1890s Webley .455 "Manstopper" bullet was an "H" in cross-section to ensure expansion by hydraulic pressure despite relatively low velocity around 650 fps. The Hague convention of 1899 put an end to expanding military ammunition, and hollowpoint bullets largely went away until the 1960s. Soft point bullets were relegated to hunting, for reasons of treating but also of cost and fragility relative to jacketed ball.

Removable pins are used to modify molds for casting hollowpoints. Without the pins, solid bullets come out, with them, hollowpoint and/or hollow base. The same mold can produce either kind. A hard cast hollowpoint loaded to 750 fps for a mild .45 Colt cartridge would be great for punching paper, but not expand on impact with flesh. The same bullet loaded hotter for a carbine and fired from a long barrel at 1300 fps probably would. The same exact shape loaded with softer metal would work better in a short revolver barrel. This separation of loads would defeat the point of "cowboy logistics," but would improve terminal performance.

tridge in the history of the world and has supported the majority of the World's military, police and security forces for over a century in its FMJ configuration. The .45 ACP was developed to provide more effective stopping of crazed, suicidal, and often drugged-up enemies of this country and there is plenty of evidence to support that as well. So if you, like me, carry a .45 because you like the solid "thunk" of a screaming 200-grain HP bullet on heavy steel plates at short range, as opposed to the dink sound of a 9mm on the same target, then you too can be a hypocrite like me, and carry a 10mm semiauto like I do, when I go to get my mail in the wolf- and bear-infested forest in which I live. In summary: It's not the gun, it's the person behind the gun that matters.

David Mueller

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Your October 2019 issue of *The Blue Press* appears to be an anti-.45 ACP magazine. First we have "Why the .45 ACP FAILED" by Duane Thomas telling us that the 9mm must be better because some "Old" guys and some "Lazy" millennials like to shoot it better and because the FBI says it's just as good or better than the .45 ACP (this is the same FBI that covered up for Hillary with extremely "Honest" men like James Comey). Then we have an article on "Achy Breaky Hands" by D.K. Pridgen about how he likes the 9mm better because it doesn't make his hands hurt. I am getting so tired of articles by old men complaining about this caliber or that caliber hurting their hands or downloading this caliber or that caliber so it won't hurt their hands. I sometimes wonder if that's why the military switched from .30-caliber guns to .22-caliber guns because the "Older" soldiers running the military thought the .30-caliber guns "hurt" too much to shoot. Or is it because the left-wing European countries felt like the bullets from .30-caliber weapons might kill too many of the enemy and "hurt" them too much?

I personally love the feel of shooting higher-powered guns. I shoot three hours twice a month and always start off by shooting at least 100 rounds of .45 caliber ammo before shooting the "play" rounds like 9mm or various .22 calibers. The .45 calibers I shoot consist of .45 ACP, .45 Colt, and .45/70 in my Magnum Research BFR revolver.

I have to admit I usually carry a 9mm pistol, but I do so not because it doesn't hurt to shoot, but because it conceals better. During the winter months when I wear a jacket or coat, I usually carry my snub-nose .41 Magnum.

Bottom line, come on wimps, stop acting like old men! I realize I'm only 75, but hopefully I won't "act" old like you do when I get more candles on my birthday cake.

Peter Clinch

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The only explanation I can come up with for the latest edition of *The Blue Press* is that you are deliberately trolling your readers. How else to explain not one, but two articles declaring the .45 ACP dead? Come on, .45 ACP has to be one of the most commonly reloaded cartridges.

I enjoy and learn from *The Blue Press* articles written by better shooters than me, but Duane Thomas's latest is tough to swallow. I always notice that articles declaring the ascendance of the 9mm always say something like "we can assume the 9mm and the .45 ACP do the same thing." Sure, if we assume they are the same, I guess they are the same and why not shoot 9mm. Except, high school physics tells us they are different. They are different in energy, momentum, diameter, and weight. Perhaps we can assume that any pistol cartridge between 350 and 500 foot-pounds is a good defensive choice, and therefore you may make your choice among several calibers. The choice in that range is influenced by prevailing wisdom and current fashion, which changes. Twenty years ago, the 9 was seen as inadequate because it was on the low side of acceptable energy; now it is ubiquitous. The wheel will turn.

By the way, the brass bucket at the range is not a good way to estimate a cartridge's popularity, but it's probably pretty good at estimating what cartridges people don't reload. Promoting 9mm ascendancy is not what I expected to hear from Dillon Precision!

As for the article decrying .45 ACP recoil, wait – I thought .45 ACP and 9mm were the same? So maybe the .45 is more powerful? But not by so much that a slightly heavier .45 won't shoot it like a pussycat.

Yikes! What's next, AOC on next month's cover?

David Connor


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I had just returned from an IDPA match outside of San Antonio when the October *Blue Press* was in the mail. While shooting at the match I wondered why all of the 1911 .45 shooters had disappeared and were being replaced by 9mm, as I was only one of two shooters out of about 40 who were still using the .45!

Obviously Duane Thomas and D. K. Pridgen's articles told the story. I was noticing these 80-plus year old hands were having a bit more difficulty racking the slide and holding to the point of aim. Perhaps these two gents are wiser than I! Great magazine, keep it up – what do I now do with my dozen or so .45s?

Editor

mpixler@dillonprecision.com

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Jessica is this month's cover model. On the cover, she has a Grand Power P11 9mm pistol. At the time, Grand Power firearms were imported by Eagle Imports (eagleimportsinc.com) but they're now imported by Global Ordnance (globalordnance.com). Here, Jessica has a Korth Mongoose .357 revolver imported by Nighthawk Customs (nighthawkcustoms.com). This Mongoose is equipped with an available 9mm cylinder. To see more photos of Jessica and other **Blue Press** cover models, follow us on Instagram @bluepress.

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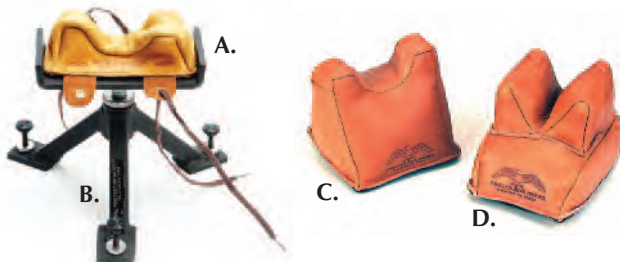
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Blue Press 75

B&T GHM9

The Grasshopper Mouse 9mm

By Duane Thomas

B&T of Thun, Switzerland makes a very interesting pistol caliber carbine, excuse me, pistol with an arm brace, called the GHM9, short for, I kid you not, Grasshopper Mouse 9mm. So, what is a grasshopper mouse, and why is this gun called that?

Grasshopper mice are extremely savage, carnivorous rodents, known for hunting, killing and eating scorpions. Scorpion venom can't kill a grasshopper mouse; their metabolism converts it to a painkiller. Since the GHM9's natural prey in the pistol caliber carbine race is the CZ Scorpion, calling their gun the Grasshopper Mouse is B&T's clever poke at CZ. The GHM9 is B&T's Scorpion-killer. Remove a GHM9's upper receiver, on its underside is a cartoon of a grasshopper mouse eating a scorpion.

Grasshopper mice stealthily stalk their prey, like a cat. Some people think grasshopper mice are "cute" because they're small. If these things were human-sized they'd be one of the most dangerous creatures on the planet, and we'd be hunting them with African big game rifles. Thus the vibe B&T is looking for with the Grasshopper Mouse 9mm: small but deadly.

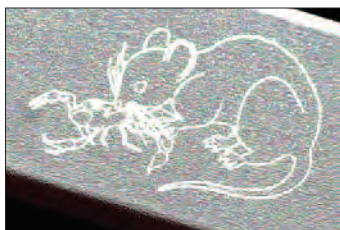
The GHM9 is imported through B&T USA (bt-arms.com). It's blowback-operated, fires from a closed bolt, and feeds primarily off dual-feed "stick" magazines holding 30 rounds of 9mm; 15, 20 and 25-rounders are also available.

Many blowback-operated long guns have extreme muzzle rise, and move around a lot when fired, especially when shooting fast. Blowbacks have heavy bolts; that's a lot of mass reciprocating back-and-forth, leading to excess gun movement. B&T got around that problem by adding a spring-loaded buffer to the back of the bolt. It works.

The GHM9 has no dustcover, however it doesn't need one. A notable trait of blowback operation in a long gun, it just chews through even heavy fouling, and works anyway. A dustcover would be a bit superfluous. The GHM9's close cousin, the select-fire APC9 Pro Compact, was just adopted for service by the U.S. Army; it doesn't have a dustcover either.

The GHM9 is blowback-operated and fires from a closed bolt. With the telescoping "arm brace" collapsed, it's well under 19" long.

Below: Remove the GHM9's upper receiver, on its underside you'll find an etched drawing of a grasshopper mouse eating a scorpion.





Note the lack of a dustcover, the trimmed offside ambi safety lever, and the large trigger guard. Behind the magazine housing we find a button bolt release; the magazine release is a pivoting paddle.

The barrel is 175mm (6.89") long, cold hammer forged, free-floated. Barrel twist is 1:10". It's threaded for a screw-on suppressor; thread pitch is 1/2x28. A thread-protecting muzzle cap is present-and-accounted-for; also an HK-style Tri-Lug suppressor mount. The upper receiver is aluminum, the lower receiver polymer. The pistol grip is deeply grooved for purchase with slick hands, and hollow for storage.

The current production GHM9 is the Gen 2. The main differences between Gens 1 and 2 are (1) Gen 1 had a one-piece upper receiver/forend, and (2) Gen 1's barrel wasn't easily replaceable. On Gen 2, the upper receiver and forend are separate pieces, which allows replacing the forend with one of a different length. The barrel is secured with four Torx bolts to either side, this allows easily replacing the barrel. The 175mm barrel is considered Standard; there's also the Compact (110mm, 4.3"), Carbine (225mm, 8.9"), and Sport (420mm, 16.5"); all come with forends of corresponding length.

Controls largely mimic the AR-15, and there's been serious effort put into making them totally ambidextrous. The magazine release is a paddle located in the same place on the lower receiver as the AR-15 mag button. On the opposite side of the gun is a corresponding button for lefties. The bolt release is above the magazine release, in the same place as on an AR-15; unlike the AR-15 with its paddle, on the GHM9 it's a button on both sides of the gun. My manual of operation with the GHM9 is identical to the AR-15, I manipulate the mag release with my right index finger, and the bolt release with my left thumb.

The bolt locks back when the gun's empty. The manual bolt lock is a button on the bottom of the gun, behind the mag well. Again, ambidextrous. With either hand on the pistol grip, extend your index finger, push up on the bolt lock while pulling the bolt to the rear with the other hand, the action locks open.

The bolt handle can be easily switched from one



You cannot say the GHM9 lacks patriotism. It mentions its country of origin on both upper and lower receivers AND flies a Swiss flag. Note four Torx bolts holding the barrel in place, and the AR-15-like thumb safety. Two buttons right behind the magazine housing are (top) bolt release, (bottom) magazine release.

side of the gun to the other. Out-of-the-box my GHM9 had the bolt handle on its right side. I switched it over to the left side, so I can keep my right hand on the pistol grip while manipulating the bolt handle with my left. The bolt handle is reciprocating, i.e. it moves back-and-forth during cycling.

The thumb safety is located in the same position as, and operates like, the AR-15. Horizontal is Safe, sweep clockwise to Fire. It's a 45-degree throw from Safe to Fire instead of the commonly encountered AR-15 90-degrees. The gun may be put on Safe with the internal hammer either cocked or uncocked.

Unfortunately the offside, ambi safety lever, when flipped down into the Fire position, contacted my right hand at the index finger's base knuckle, hard. Dry firing this gun was painful. I had absolutely no desire to do it live fire. Fortunately that lever is easily removable. Before ever taking the gun to the range, I removed the lefty lever, and Mr. Dremel and I had a discussion with it, before re-installation, about the error of its ways. This entailed removing so much material it's no longer a functional ambi safety lever. Well, I guess I can live with that. The only reason it's even still on the gun at all, I use it as a cap to cover the hole through the safety lever pin.

The GHM9 comes with two short Picatinny accessory rails, polymer, one-each bolted to either side of the forend. I removed both, giving me a much narrower, very hand-pleasing forend. There's an under-barrel rail, and a full-length two-piece top rail, to attach whatever accessories the end user prefers.

The GHM9 is equipped with fold-down, polymer, backup "iron" sights of clever design, made by B&T. The gun came from B&T with an Aimpoint Micro TL (stands for "throw lever") with 4 MOA dot (aimpoint.com). I installed an inexpensive UTG Super Slim 3/4" tall x 5-1/2" long riser, positioning the Micro perfectly for my right eye. Some people might wonder why such a long riser when the footprint of the Micro TL is much shorter.



In common with other blowback-operated weapons of its type, the GHM9 has a huge, heavy bolt. Not at all common, note the springloaded buffer system protruding from the rear of the bolt, key to the gun's soft recoil impulse.

It's so, if I decide to go to different optics down the road, some of which might be considerably longer, I won't have to install a different riser, I can switch optics back-and-forth using what's already there.

Trigger pulls out-of-the-box went 9-1/4 pounds. With a bit over 500 rounds through the gun, and a lot of dry fire, that's dropped to 8-1/2 pounds. This is not a highly refined match trigger; it's very milspec AR-15-like. Geissele makes a match trigger for the GHM9. The trigger guard is quite large, allowing easy insertion of a gloved index finger.

Examining the lower receiver, we see three pushpins, captured units, so no worries of loss during disassembly/reassembly. The way the upper and lower receivers mate is very AR-15-ish, the front and middle pins pass through both receivers. Pushing out both pins allows separating the upper and lower. Push out only the middle pin, the gun can clamshell open for simple cleaning. (I'll address the rearmost pin shortly.)

You may purchase the GHM9 simply as a "pistol." The telescopic brace adapter, an optional accessory, accepts an "arm brace" called the Tailhook. MSRP on the pistol is \$1,649.99, the telescopic brace adapter is \$534.99, and the Tailhook, which is only the oval-shaped part actually going against your shoulder, costs \$74.50. In the real world, you can find them all for somewhat less. You can buy all these parts from B&T; companies like Brownells (brownells.com) will sell you everything already put together.

Firearms like this with no stock (excuse me, arm brace) are too long and heavy to really shoot like a pistol, at least if you want to fire them fast and accurately. Install the adapter/Tailhook, however, the GHM9 instantly goes from plinker to serious weapon. The adapter/Tailhook is a nice piece of kit, basically two steel struts with an aluminum "arm brace" on its end.

So, how about that rear pin? Why, I'm glad you asked! Push out the rearmost receiver pin, remove the end cap, replace it with the adapter/Tailhook, push the pin back in, and you've just installed a collapsible three-position stock of simple design. When I say "simple" that's not an insult, it's a compliment. It's easy to design something complicated. Designing something simple, that still performs its intended purpose superbly, that's hard. The adapter/Tailhook is very well made; and unlike some "wire" or strut-type units, it's quite comfortable to use with a proper check weld.

GHM9 lower receivers are available in three different versions, to work with either standard B&T, GLOCK or SIG P320 mags. Upper and lower receivers will interchange, so, like the AR-15, you can fit multiple lower receivers to the same upper (and vice versa). For that matter, GHM9 receivers will work on APC9 uppers, and vice versa. The upper receiver is the serial numbered part. No need to fill out a 4473 when buying a new frame, the gun's serial number stays the same, and the lower can be mailed to you via the United States Postal Service instead of going through an FFL holder.

According to my postal scale, the GHM9 with adapter/Tailhook, riser and Aimpoint Micro TL installed, and an empty 30-round magazine, weighs 6 pounds, 4.8 ounces. Loaded with 30 rounds of 115-grain ammo, it goes 7 pounds, 2.4 ounces. With stock collapsed, the entire gun is approximately 18-3/4" long. Fully extended, it's circa 23-1/2".

Magazines are polymer, with a smoked translucent appearance, and are fairly easily loaded all-up, with a bit of compression slack left over. It does take some effort to seat a full 30-rounder with the bolt forward. Downloading to 28 rounds, à la MP5 or AR-15 with milspec aluminum mags, helps. Bolt-forward reloads with 30 rounds should get easier as mag springs soften with use. The one niggling irritation here, while magazines drop free when I punch the release with the bolt forward, they won't from boltlock, I have to strip them out by hand. That seems to me a very European feature.

This would be a good time to discuss the Swiss flag proudly displayed on the side of the GHM9. They have every right to be proud. There's are reasons "Swiss" and "craftsmanship" are words so often appearing together. B&T was originally Brügger & Thomet; after Thomet left the company, the name was shortened to B&T. While not yet well known in the United States – B&T is just beginning a big push to expand into the American market – in Europe their name is a watchword for extreme quality in firearms.

While testing the GHM9 for this article, I let anyone who wanted to handle and shoot it, do so. Every single person remarked on the gun's fit and finish, the fact it's blatantly an extremely well put-together piece of machinery. The word that could best describe it is "smooth." One guy I let fire the GHM9 commented, "Just cycling the bolt on this thing, I've never before felt a bolt that moves so smoothly on, well, anything. Thank you for letting me shoot it, I really appreciate it.

Though I'm kind of sorry I did, because now that I have, I know I won't be able to stop thinking about it."

I accuracy and reliability tested the GHM9 with ten 9mm loads. Hardball on-hand was Federal "white box" and Super Vel's remanufactured Certified Select, both 115-grain FMJs. Hollowpoints were Black Hills 115-grain JHP +P, Hornady 124-grain +P and 147-grain XTPs, Super Vel 90-grain and 115-grain JHP +P, Wilson 115-grain TAC-XP +P and 124-grain XTP +P, and my handloads with a 147-grain HP projectile over VihtaVuori N310.

I view short semiauto rifles and pistol caliber carbines as long guns for pistol-range problems. Thus I zeroed the GHM9 at seven yards. During accuracy work from the bench at 50 feet on an indoor range, this meant bullets hit high, on average about 4". Dealing with height-over-bore/impact discrepancies with an optic at various ranges is beyond the scope of this article, I'll just say I have no problem with 4" high at 50 feet.

Since this was, of course, a pistol (ahem!), I tested it for accuracy with the traditional 5-shot groups from a pistol, rather than the 3-shot groups of a rifle. The Hornady 124-grain XTP +P gave me a vertically strung one-hole group measuring 0.8" center-to-center. A group with Hornady 147-grain XTPs also measured 0.8", the bullet holes just didn't happen to arrange themselves into one hole. Super Vel Certified Select factory reloads went 0.9"; Federal white box was 1" even. There wasn't a single group fired with any load that couldn't be classed as good. This is a consistently accurate gun with a wide variety of ammo.

Reliability-wise, in hollowpoint-land I would say the GHM9 will work flawlessly with ammo with which it will work flawlessly. Of the eight hollowpoints tested, five fed reliably. The Wilson 115-grain TAC-XP +P and Super Vel 115-grain JHP +P both gave me 45-degree nose-up feedway stoppages, and the Super Vel 90-grain JHP +P, a load I like so much I make it my daily carry ammo in my GLOCK 9mms and Wilson EDC X9, hit the feed ramp – below the feed ramp, actually – so hard the bullet was driven back into the casing with its tip even with the case mouth. On the other hand, the Black Hills 115-grain JHP +P, both the Hornady XTPs, the Wilson 124-grain XTP +P, my 147-grain HP/N310 handloads, and of course the two hardball loads, all worked flawlessly.

One of my favorite drills with a pistol caliber carbine, or rifle, is to begin with it held at High Ready, safety engaged, gun depressed just enough to see the target over the sights, then at the timer's buzzer raise it to eye level and see how fast I can hit the down-zero circle on an IDPA target five times at five yards, and it only counts if all five shots are down-zeroes. My best rep with the GHM9 was 1.32 seconds with the Hornady 124-grain XTP +P. My best Low Ready to an

almost perfectly centered headshot was .62, also with the Hornady 124-grain XTP +P.

My friend J. Dorage brought his suppressor to the range a couple of times for me, and other people, to try out on the Grasshopper Mouse 9mm. If the GHM9 is extremely controllable when unsuppressed – and it is – with a suppressor attached it's downright ridiculous. I don't know if "silencer" backpressure changes how the gun cycles, or it's just having the extra weight out front, or a combination of the two, but with a suppressor the GHM9 literally barely moves when fired.

My handloads run a 147-grain HP projectile with VihtaVuori N310 powder acquired through Brownells. I've noted in articles in the past, N310 is a very "quiet" powder; at the same power factor it puts out less noise than other powders, in my experience. Normally I use this stuff in handguns at matches. Putting it through the suppressed GHM9, the gun was so quiet my electronic timer literally wouldn't pick up the shots. And I mean with the timer held right beside the muzzle.

Eventually, after doing the main review of this gun, I did install a Wilson Tactical Trigger Unit (TTU) (wilson-combat.com). Yes, the GHM9 accepts AR-15 trigger components as drop-in parts, which opens up the entire range of AR-15 aftermarket triggers for it. Sweet! Now those 8-1/2 pound two-stage trigger pulls are 4-1/2 pounds, single-stage. As one person who got to shoot the GHM9 with both the stock trigger and Wilson TTU put it, "I actually liked the stock trigger pulls. But still the match trigger is obviously an upgrade. It takes this gun from being very good to being freakin' awesome." Personally, I thought it was already freakin' awesome. Though I do agree, the Wilson TTU made a great gun even better.

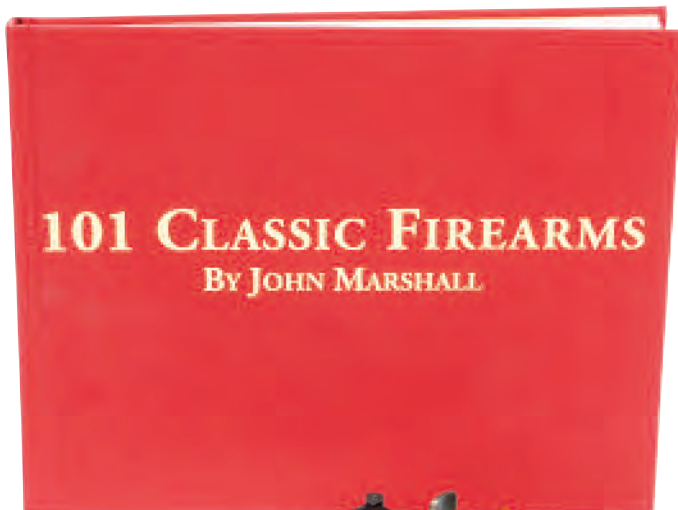
Remember I said the thumb safety on the GHM9 may be applied with the hammer either cocked or uncocked? That's with the stock trigger unit. With an AR-15 trigger, by contrast, the gun can only be put on Safe when the hammer's cocked, just like an AR-15. Some people may like being able to load the gun with the safety already engaged. Personally, I prefer being able to look at the gun and know, if its safety's on, that means the hammer's cocked.

SUMMARY

As a gunwriter, I tend to be really stingy with my superlatives. "Extraordinary." "Great." "Best." "Fantastic." And so on. Not words you'll see often in my articles. Because when everything's wonderful, there are no words left reserved only for the real thing. Based on its consistently high level of accuracy, workmanship and overall smoothness, reliability with favored loads, how fast and well and easily it can be fired, world-class control layout, light weight, compactness, fast-handling qualities, and performance when suppressed...the B&T Grasshopper Mouse 9mm is the real thing.

101 Classic Firearms

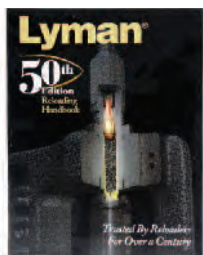
John Marshall's book *101 Classic Firearms: A Chronological Foray into the Golden Years of Firearms Development*, is a compilation of the author's popular articles appearing in *The Blue Press* since 2007. *101 Classic Firearms* is sure to be a prized addition to the library of any serious firearms enthusiast. Published by Dillon Precision, and printed and bound in the USA, *101 Classic Firearms* is a high-quality full color 11.5" x 9" hardcover with 224 pages packed full of insights and history on some of the world's most important firearms. *About the Author:* John Marshall is an accomplished photographer and freelance writer whose articles have appeared in *The Blue Press*, *Gun Digest*, *Guns & Ammo's Handguns*, and *American Gunsmith*. An expert on firearms, he is also a member of the Remington Society of America, the Smith & Wesson Collectors Association, the Smith & Wesson Historical Foundation and the American Gunsmithing Association. John is also an endowment member of the National Rifle Association.



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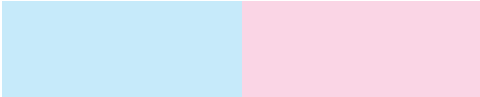




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