

the

Blue Press

July 2017
\$2.95 U.S. / \$3.95 Canada

**Which
Dillon
is
Right
for
YOU?**

Page 6



RUGER® SILENT-SR®



TOP-TIER SOUND REDUCTION

REDUCES SOUND PRESSURE LEVELS OF .22 LR, .22 WMR, .17 HMR AND 5.7x28MM PISTOLS AND RIFLES BY UP TO 40 dB

The **Ruger® Silent-SR®** sound suppressor* features best-in-class materials and advanced design, resulting in a lightweight, compact size and top-tier sound reduction. It was designed and built by Ruger utilizing the very latest in fluid dynamic simulation and computer numeric controlled (CNC) machining equipment. The Ruger® Silent-SR® is easy to disassemble and clean. Each piece snaps together to seal the baffles and keep the byproducts of combustion away from the tube and end caps. It is also strong and light, utilizing a titanium tube, aluminum rear cap, and stainless steel threaded mount, baffles and front cap. Ruger has selected the best material for each part to maximize strength and minimize weight without sacrificing durability.



Compact and Lightweight
for Balance and Portability



Easy Disassembly for Cleaning



Compatible with a Host
of Ruger® Firearms

*Sound suppressors are not available in all states and locales due to laws restricting their ownership and use. Prior to purchasing, please check your state and local regulations to verify that you may legally possess a suppressor.

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Find Ruger:    

 **RUGER**

Dillon's RF 100 Automatic Primer Filler

3

***Eliminates the need
for primer pick-up tubes!***

***Fills the primer tube
while you reload!***

***Clear polycarbonate shield
and protective housing***

Dillon's RF 100 Automatic Primer Filler eliminates the task of filling primer pick up tubes. Now you simply pour your primers from their box into the top, press the blue button and watch it run!

In about two minutes the primers are inside the protective metal housing. That's about 30 rounds you can load while the RF 100 is doing your work for you!

The RF 100 is available for either large or small primers, and conversion kits are available at one low price of \$48.95 each.

Lg. Primer Filler	N86-97077	\$334.95
Sm. Primer Filler	N86-97111	334.95
Lg. (Euro. 220v)	N86-97112	344.95
Sm. (Euro. 220v)	N86-97113	344.95
Sm. Conversion	N86-17903	48.95
Lg. Conversion	N86-17902	48.95
Nylon Packcloth Dust Cover	N86-11143	14.95



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We READ Our Mail!

I have used my XL 650 for almost 25 years – primarily to load handgun rounds. I finally decided to get involved in Long-Range (LR) shooting and purchased a Ruger Precision Rifle in .308. A lot of the LR shooters I talked to recommended against loading rounds on a progressive press – saying it could not deliver the round-to-round consistency needed for good groups. I decided to load up some Hornady ELD-M bullets over Varget powder on the XL 650 – and they delivered sub-MOA groups. SUB MOA from a PROGRESSIVE PRESS – they didn't know what to say! Thanks for making such a great product (and for helping me look good at the range).

Steven Holtey

Well, who'dathunkit? You mean all those folks who've been perpetuating the myth that "you can't load accurate rifle rounds on a progressive loader" are...WRONG?

I spoke with one of your phone salesman today about my 35-year-old 550B. There were several parts that finally wore out, and I had called to replace them. I was told they were under warranty! I couldn't believe my ears – I reminded the person that my press is over 30 years old, has no less than 60,000 rounds through it, and I certainly was willing to purchase the needed parts. I just want to add that the sales person was very helpful, and knew the product very well. Just so you know – with that kind of customer support, you have a satisfied customer for life! I have loved my 30-plus years of use from my 550B. Thank you for making an incredible product!

Milton Vierow – Miltto53@msn.com

I have owned a Dillon XL 650 for several years and have loaded mainly 9mm and 45 ACP. I would like to comment on the article "Loading Plated Bullets" by Duane Thomas in the [June] issue of *The Blue Press*. This was a wonderful article that gave me much insight on what a plated bullet is and how it impacts my accuracy, especially with a 9mm projectile. Since I have always used one of the companies that Mr. Thomas indicated in his article, it may be a significant cause for the buckshot patterns I sometimes get. I was contributing this to my age, eyesight and less-than-steady hands. Thank you, Mr. Thomas for this information.

Clark H. Johnson – Blue Springs, MO

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

THE BLUE PRESS

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July
2017

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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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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 to .45 Colt. It comes to you from the factory set up to load one caliber.



Page 14

RL 550C

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



Page 20

XL 650

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



Page 30

SUPER 1050

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

Dillon Progressive Loading Machines: Facts & Figures

	SQUARE DEAL B	RL 550C	XL 650	SUPER 1050
COST				
Base price	\$404.95	\$459.95	\$579.95	\$1799.95
Caliber Conversion price range	\$88.95-98.95	\$46.95-56.95	\$78.95-88.95	\$126.95-279.95
RATE				
Cyclic rate (Rounds per hour)	300-500	400-600	500-800**	1000-1200
One hour production rate	350	500	800**	1000
Caliber change time	10 min	5 min	10 min	20 min
FEATURES				
Number of stations	4	4	5	8
Auto index	yes	no	yes	yes
Auto Casefeeder	no	optional	optional	standard
Uses standard (7/8" x 14) dies	no	yes	yes	yes
Powdercheck System	no	no	optional	optional
Primer Early Warning System	standard	standard	standard	standard
Failsafe Powder System	standard	standard	standard	standard
Separate Crimp Station	yes	yes	yes	yes
SPECIFICATIONS				
Primer magazine capacity	100	100	100	100
Casefeed capacity (.38/.223)	N/A	N/A	600/500	600/500
Powder measure capacity	3/4 lb	3/4 lb	3/4 lb	3/4 lb
Shipping weight	17 lbs.	25 lbs.	36 lbs.*	66 lbs.
Height required above bench***	34 in.	35 in.	44 in.	43 in.
Benchtop overhang required***	1-3/4 in.	3/4 in.	3/4 in.	None
CALIBERS				
Pistol	.32 S&W - .45 Colt	All common	All common	All common
Rifle	N/A	All common	All common	.223 - .30-06

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

DILLON

7

HP1 Electronic Hearing Protector

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



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

HP2 Non-Electronic Hearing Protector



Hearing
Protector
Belt Clip

Dillon Hearing Protectors

HP1 (NRR 21) Electronic Hearing Protector, Blue	N86-10157	\$135.00
HP1 Electronic Hearing Protector, Black	N86-10156	135.00
HP2 (NRR 21) Non-Electronic Hearing Protector, Blue	N86-10361	19.95
HP2 Hearing Protector, Black	N86-10360	19.95
HP1/HP2 Replacement Ear Cushions	N86-19022	10.00
Hearing Protector Belt Clip	N86-13020	3.29

8 SQUARE DEAL 'B'

STANDARD FEATURES:

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

All for ONLY...

\$404^{95*}



**SDB DVD
Instruction Manual**
N86-19482 \$19.95

"SDB" Stock Numbers

.32 S&W Long/H&R Magnum*	N86-16815	\$434.95
.380 ACP	N86-20053	
.38 Special	N86-20102	
.357 Magnum	N86-20103	
.38 Super	N86-20099	
.38 Super Comp	N86-20115	
9mm	N86-20104	
.40 S&W	N86-20787	
10mm	N86-20643	
.41 Magnum	N86-20054	
.44 Special	N86-20105	
.44 Magnum	N86-20052	
.44-40 Winchester	N86-21036	
.45 ACP	N86-20101	
.45 Colt	N86-20051	
.45 GAP	N86-20098	
.45 S&W Schofield	N86-20418	

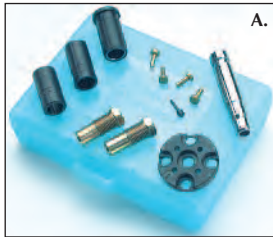
Total price as pictured here
with optional accessories: **\$609.70**

SDB Strong Mount	N86-22223	\$65.95
Low Powder Sensor	N86-16306	\$41.95
Bullet Tray	N86-22214	\$42.95
Tool Holder w/Wrench Set	N86-19441	\$27.95
Ctg. Case Bin & Bracket	N86-11672	\$25.95

SQUARE DEAL 'B' ACCESSORIES

A. SQUARE DEAL 'B' CONVERSION KITS

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



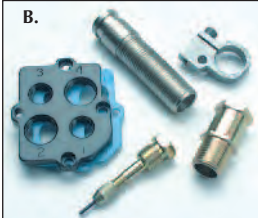
.32 S&W Long/H&R Mag	N86-16774	\$98.95
(.32 S&W Requires X-Small Powder Bar N86-20780 \$31.95)		
.380 ACP	N86-20246	88.95
.38 Special	N86-20240	88.95
.357 Magnum	N86-20240	88.95
.38 Super	N86-20229	88.95
.38 Super Comp	N86-20275	88.95
9mm	N86-20241	88.95
.40 S&W	N86-20469	88.95
10mm	N86-20469	88.95
.41 Magnum	N86-20247	88.95
.44 Special	N86-20242	88.95
.44 Magnum	N86-20242	88.95
.44-40 Winchester	N86-21035	88.95
.45 ACP/.45 GAP	N86-20123	88.95
.45 Colt	N86-20248	88.95
.45 S&W Schofield	N86-20417	88.95

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

N86-62256, \$127.95

'SDB' POWDER MEASURE N86-20001, \$81.95

B.



B. SQUARE DEAL 'B' TOOLHEAD

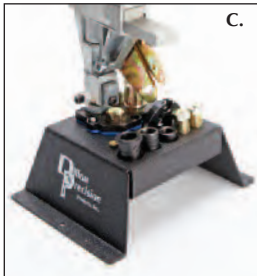
Extra toolheads keep all your adjustments the way you left them.

N86-20113, \$32.95

C. SQUARE DEAL 'B' TOOLHEAD STAND

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

N86-62225, \$25.95



C.

D. SQUARE DEAL 'B' BENCH WRENCH

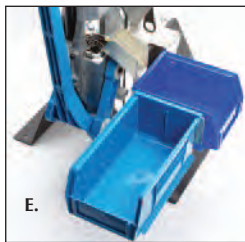
The Square Deal Bench Wrench has the correct sizes for Square Deal "B" die adjustments.

N86-19970, \$8.95 each.

Buy two or more, \$8.10 each.



D.



E.

F. PRIMER PICKUP TUBES

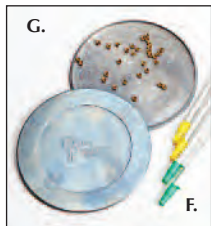
Used to transfer primers from flip tray to priming system.

1 Lg.	N86-22029	\$7.99
1 Sm.	N86-22028	7.99
2 Sm., 2 Lg.	N86-20056	24.95
4 Lg.	N86-20050	24.95
4 Sm.	N86-20049	24.95

E. CARTRIDGE CASE BIN & BRACKET

Ergonomically designed to cut your workload through economy of motion! Attaches to all Strong-Mount-equipped SDBs.

N86-11672, \$25.95



G.

G. PRIMER FLIP TRAY

A heavy, high-quality tray large enough for the Federal primer package. **N86-13606, \$21.95 ea.**

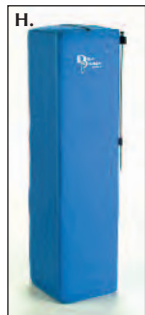
H. MACHINE COVER

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.

Machine Cover, **N86-13795, \$23.95**
(L.) Master lock, **N86-13083, \$3.95**



I.



H.



J.

J. 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 N86-97015, \$36.95

K. 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
- N86-20778, \$22.95**

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Universal Mounting Hardware Kit

N86-14355 \$5.49

10 Eight is Enough Ruger Redhawk .357 Magnum



Reviewed By Peter Caroline

When I was growing up in a suburb of Boston, there was a wonderful old bookshop across the street from the train station. Out front was a large display of used books and old magazines, with prices ranging from a nickel to 25 cents. This was my earliest source of firearms information, for whatever it was worth.

One of the things I learned was that the .357 Magnum cartridge was somewhat akin to the thunderbolt of Zeus. It would shatter automotive engine blocks, dispatch America's largest game animals and, if used in excess, would result in deafness and permanent damage to the shooter's central nervous system. Given all these incentives, naturally I wanted one. My parents were unsympathetic, and urged me to get a life.

While in the process of getting a life, I bought, sold and traded many guns, but some-

how didn't get around to acquiring a .357 Magnum until the 1970s. The Ruger stainless Blackhawk was the new big deal at the time. I bought one, and in a fit of enthusiasm had Ned Norton built me a full buscadero holster and belt rig, complete with floral carving, my initials on the drop and a sterling silver buckle set...beautiful, but decidedly out of place in a pre-SASS New England environment. Shooting the .357 was admittedly a letdown. Try as I might, I never managed to shatter an engine block. My hearing was already impaired, thanks to the M1 Garand in Basic Training, and the traditional Single Action grip never did feel right in my hand.

Recently, Ruger introduced their large-frame double-action stainless Redhawk in .357 Magnum with a 2-3/4" barrel, 8-1/4" overall length and 44 oz. in weight...you might call it a sumo snubby...Ruger tends to build its guns with heavy

loads in mind. Best of all, this one holds eight rounds. Yes, eight, just like the 1911's 7+1, but with far more noise and drama. Actually, the drama is greatly reduced by the weight of the gun; it is surprisingly pleasant to shoot. Interestingly enough, Ruger could legitimately refer to this revolver as a "triple-lock"...the cylinder is secured into the frame at the front, rear and bottom, for consistently positive alignment. The hardwood grips fill the hand comfortably, in addition to looking good. The sights are exemplary: the rear sight is adjustable for both windage and elevation, with a white-outline square notch; the dovetail-based ramp front sight is black with a bright red insert. The massive, unfluted cylinder is relieved for full-moon clips, three of which are included. The left side of the revolver is free from any inscriptions; the right side simply says "Ruger Redhawk" on the frame, and ".357 Magnum" on the barrel lug. The message stamped on the bottom of the barrel lug is mercifully brief: "READ INSTRUCTION MANUAL BEFORE USING FIREARM/NEWPORT, NH USA".

I took the Redhawk out to the desert on what passes, here in southern Arizona, for a nasty day... sunny, windy and in the low 40s. I fired three varieties of .357 Magnum ammo...Hornady LEVERevolution 140-gr. FTX, Remington 158-gr. lead semi-wadcutter and Armscor 158-gr. FMJ. In addition, I

brought along some Remington .38 Special 148-gr. TMWC Match wadcutters and 158-gr. lead RN. All grouped within 3" at 20 yards, which is pretty decent for astigmatic and shaky. What was most impressive was the diminished recoil; .357 felt like .38 Special, and .38 Special was more like .32 Long. Single-action trigger pull measured 6 lbs., but didn't feel all that heavy and was, in fact, quite manageable. Double-action pull was off my RCBS (non-digital) scale...probably in the 11-12 lb. range, and very smooth.

I suppose, in these days of information overload and universal expertise, one could go on endlessly about which is better, five or six rounds of .44 Magnum or eight rounds of .357. I tend to side with more rounds, more better...and full-moon clips as a bonus. The Ruger Redhawk would be a reassuring companion on a walk through the woods, perhaps coupled with one of Rob Leahy's Simply Rugged cross-chest suspension systems...just not in Massachusetts or California, for whatever bureaucratic reason. The Ruger Redhawk .357 Magnum comes in a sturdy gray hard case with three moon clips and the obligatory cable lock. MSRP is \$1,079, even less in the real world of retail commerce.

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Light Rust **N86-12104**



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Light Rust **N86-12105**



WX Saint \$95

3-Lens Pkg., Smoke Grey, Clear,
Light Rust **N86-12102**

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



\$9⁹⁹

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	N86-10513
Smoke	N86-10514
Light Blue	N86-10515
Yellow	N86-10516
Amber	N86-10517
Smoke Mirror	N86-10518

Bifocal Shooting Glasses



Clear, Bottom Bifocal

Clear Bifocal 1.5	N86-11820	\$19.95
Clear Bifocal 2.0	N86-11821	19.95
Clear Bifocal 2.5	N86-11822	19.95

Smoke, Bottom Bifocal

Smoke Bifocal 1.5	N86-11825	\$19.95
Smoke Bifocal 2.0	N86-11829	19.95
Smoke Bifocal 2.5	N86-11831	19.95

Top Bifocal, Clear or Smoke

Top Bifocal Clear, 1.25	N86-62262	\$35.00
Top Bifocal Smoke, 1.25	N86-62263	35.00
Top Bifocal Clear, 1.5	N86-62264	35.00
Top Bifocal Smoke, 1.5	N86-62265	35.00
Top Bifocal Clear, 2.0	N86-62266	35.00
Top Bifocal Smoke, 2.0	N86-62280	35.00
Top Bifocal Clear, 2.5	N86-62267	35.00
Top Bifocal Smoke, 2.5	N86-62268	35.00

Ear Pro EP3 Sonic De-fenders® 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	N86-25340	\$12.95
Medium (Fit Most People)	N86-25341	12.95
Large	N86-25342	12.95



FLUGZ

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

NRR 21

N86-43384 \$19.95



BL 550 Dillon's Basic Loader



\$274⁹⁵

N86-15399

Reloading Dies and Caliber
Conversions sold separately
(see the back of the order blank
in the center of *The Blue Press*).

Pictured with optional accessories:
Strong Mount N86-22051 \$49.95

Dillon's RL 550 has long worn the title of "The World's Most Versatile Progressive Reloader," and stripping it down to its most basic form – Dillon's BL (Basic Loader) 550 – adds a whole new dimension of versatility for the shooter/hunter who needs to feed several rifles.

The BL 550 is essentially an RL 550 without the automatic priming and powder systems. Capable of loading over 160 calibers – just like the RL 550 – it uses any manufacturer's standard 7/8" x 14 reloading dies. It's priced comparably with other manufacturers' turret presses; yet unlike them, it's fully upgradeable to Dillon's Progressive RL 550 loader!

The interchangeable toolhead (*Page 15*) makes it quick, easy and inexpensive to change calibers. For example, if you load .30-06 for elk, .243 for deer and .22-250 for coyotes, you don't even have to change the shellplate. You simply pull two pins and swap the toolhead with your .30-06 dies to another toolhead with your .22-250 or .243 dies in less than 30 seconds! The additional toolheads are \$22.95 each, or \$20.95 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 (*bottom right photo*) is available if you want to use a manual measure that you already own. Or, if you want to weigh every powder charge you load, it's easy – you can use a powder trickler with the powder die/funnel assembly that comes with the BL 550.

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

AUTO PRIME SYSTEM

Includes:

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

N86-16627, \$84.95



PRIMER SYSTEM EARLY WARNING KIT

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

N86-20302, \$25.95

AUTO POWDER SYSTEM

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

N86-20251, \$92.95

OPTIONAL MAGNUM RIFLE POWDER BAR

N86-21353, \$31.95



AUTO EJECT SYSTEM

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

N86-22120, \$31.95

AT 500 POWDER DIE

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

Powder Die: N86-16629, \$19.95

Oversize Die: N86-16626, \$19.95

Plastic Funnel: N86-16617, \$5.95



POWDER MEASURE ADAPTER

If you load rifle cartridges with long-grain extruded powder, you can now use any manufacturer's powder measure with 7/8" x 14 threads on your RL 450, AT 500, BL 550 or RL 550. (*Requires the use of an RL 450 powder die – see below.*)

N86-20029, \$23.95

RL 450 Powder Die:

N86-20308, \$21.95

RL 550C

STANDARD FEATURES:

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

All for ONLY...

\$459^{95*}

N86-14261

Reloading dies sold separately.

*Prices vary on exotic-caliber machines.



RL 550 DVD
Instruction Manual
 N86-19483 \$19.95



Total Price as pictured here
 with optional accessories: **\$764.60**

.45 ACP Die Set	N86-14404	\$66.95
Strong Mount	N86-22051	\$49.95
Roller Handle	N86-17950	\$46.95
Low Powder Sensor	N86-16306	\$41.95
Bullet Tray	N86-22214	\$42.95
Toolholder w/Wrench Set		
	N86-11541	\$29.95
Cartridge Case Bin/Bracket		
	N86-11185	\$25.95

RL 550C ACCESSORIES



A. RL 550 CALIBER CONVERSION KITS

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

N86-RL550 CONVERSION \$46.95 (Exotic calibers, \$56.95)

B. AUTO POWDER MEASURE SYSTEMS

Additional powder measures stay on the toolhead. Never change powder measurements again!
 RL 550 Powder Measure **N86-20782, \$81.95 ea.**
 Magnum Rifle Powder Bar **N86-21353, \$31.95 each**
 X-Small Powder Bar **N86-20780, \$31.95 each**



C. DELUXE QUICK CHANGE ASSEMBLY

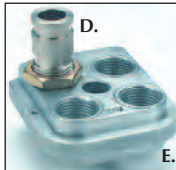
With a quick change assembly and a caliber conversion kit (SOLD SEPARATELY), you can convert in less than a minute. Complete with:

- Toolhead
- Powder Measure
- Powder Die
- Toolhead Stand

Price without Dies, **N86-22058, \$108.95**
 Loading dies sold separately on Pages 34, 35 & 52.

D. POWDER DIES

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



N86-20064, \$11.95 each
Three or more, \$10.95 ea.

X-Large Powder Die, N86-21253, \$19.95 each

E. TOOLHEADS

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

N86-13909, \$24.95 each
Three or more, \$22.95 ea.



F. TOOLHEAD STANDS

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

N86-22055, \$21.95 each
Three or more, \$19.95 ea.

G. 1" BENCH WRENCH
N86-10842, \$7.95 each
Two or more, \$7.10 ea.



H. RL 550 CASEFEEDER UPGRADE

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

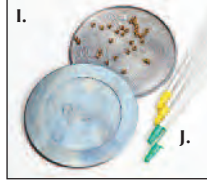
Large Pistol N86-14450
 Small Pistol N86-14451

\$264.95 (110v US Model)

Large Pistol N86-14453
 Small Pistol N86-14454

\$274.95 (220v Euro Model)

CASEFEEDER CALIBER CONVERSIONS (Page 17)
\$24.95 each



I. PRIMER FLIP TRAY

N86-13606, \$21.95 each

J. PRIMER PICKUP TUBES

1 Lg. tube	N86-22029	\$7.99
1 Sm. tube	N86-22028	7.99
2 Sm., 2 Lg.	N86-20056	24.95
4 Lg. tubes	N86-20050	24.95
4 Sm. tubes	N86-20049	24.95

K. 550 SPARE PARTS KIT

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



- 2 Pickup Tube, Large, Green Tips
 - 2 Magazine Orifices, Small
 - 1 550 Primer Cup Spring
 - 2 Retaining Clips
 - 2 Dispensing Tip, Large
 - 2 Dispensing Tip, Small
 - 1 Failsafe Bushing Rev. B
- N86-20048, \$19.95**

L. MACHINE MAINTENANCE KIT

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

Maint. Kit & Spare Parts Kit N86-97016, \$33.95



M. LOW POWDER SENSOR

Provides an audible and visual reminder when it's time to refill your powder reservoir. When the powder level drops to about 1000 grains, a buzzer will sound and a bright red LED will light.

N86-16306, \$41.95

N. EQUIPMENT DUST COVERS

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

RL 550 Cover, **N86-13795, \$23.95**

(O.) Master lock, **N86-13083, \$3.95**

Quick-Change Cover (for use with powder measure)
N86-11143, \$14.95



P. UNIVERSAL MOUNTING HARDWARE KIT

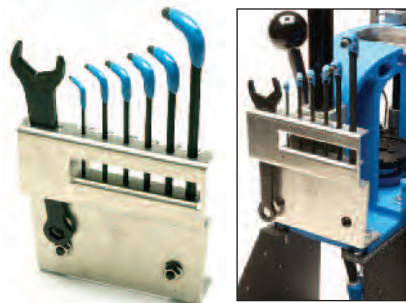
Includes: 4-Grade 5 Hex Bolts, 4-Lock Nuts, 4 Flat Washers, 4-Fender Washers, 2-Wood Screws.

N86-14355, \$5.49

Dillon Reloading Accessories

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

SDB (Balance Beam Scale)	N86-14482	\$192.95
SDB (Electronic Scale)	N86-14483	251.95
RL 550 (Balance Beam Scale)	N86-21143	191.95
RL 550 (Electronic Scale)	N86-22117	250.95
XL 650 (Balance Beam Scale)	N86-21430	207.95
XL 650 (Electronic Scale)	N86-22118	266.95



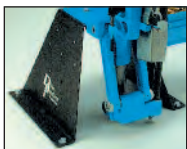
Dillon's Toolholders are available for your RL 550, XL 650, SL 900, and Square Deal B, and ensure that the tools you need to service your reloader are handy and organized. No more digging around your bench trying to find the right size hex wrench!

XL 650 with Wrench Set	N86-11555	\$30.95
XL 650 w/o Wrench Set	N86-11554	19.95
RL 550 with Wrench Set	N86-11541	29.95
RL 550 w/o Wrench Set	N86-11543	18.95
Square Deal B with Wrench Set	N86-19441	27.95
Dipped Ball-End Hex Wrenches	N86-11483	18.95
One-Inch Bench Wrench	N86-10842	7.95
Square-Deal-Only Wrench	N86-19970	8.95

Dillon's Strong Mounts

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

RL 550/XL 650	N86-22051	\$49.95
XL 650-only	N86-22052	46.95
"SDB"	N86-22223	65.95



Dillon's "Belted Magnum" Powder System

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

Magnum Powder System	N86-97126	\$149.95
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Dillon's Roller Handle gives your reloader an entirely new "feel," reduces operator fatigue, and makes primer seating easier.



Aluminum Roller Handle	N86-17950	\$46.95
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Dillon's Low Powder Sensor

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

Low Powder Sensor	N86-16306	\$41.95
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Dillon's Bullet Tray is a simple, shallow aluminum bullet tray designed and located for economy of motion. Our tray works on the Square Deal "B", RL 550 and XL 650 when equipped with the RL 550/XL 650 Strong Mount, and a separate kit is available for the RL/Super 1050.

Bullet Tray Kit	N86-22214	\$42.95
1050 Tray Kit	N86-22215	42.95



Quick-Change Cover for use with powder measure.

Quick-Change Cover	N86-11143	\$14.95
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With **Dillon's RL 450 Upgrade** components, you can, either all at once or one assembly at a time, upgrade your RL 450 reloader to an RL 550!

RL 450 Upgrade Components

Frame Change	N86-20094	\$99.95
Powder Failsafe	N86-20251	92.95
Auto Prime	N86-20055	89.95
Auto Eject	N86-20002	60.95
Primer Warning	N86-20302	25.95

A Casefeeder UPGRADE for YOUR RL 550

\$264^{95*}

110 Volt US Model
Large Pistol N86-14450
Small Pistol N86-14451
220 Volt Euro Model, \$274.95
Large Pistol N86-14453
Small Pistol N86-14454

*Caliber Conversions
sold separately below.

RL 550 Casefeeder Caliber Conversions

\$24.95 Each

.25-20/.32-20 Winchester	N86-14206
.30 Mauser/7.62x25	N86-14204
.32 S&W Long	N86-14205
.32 H&R Magnum	N86-14283
9mm/9x21/.38 Super/.30 Luger	N86-14284
10mm/9x25 Dillon	N86-14285
.38 S&W	N86-14208
.38 Super Comp.	N86-14287
.38/.357 Magnum	N86-14286
.357 SIG/.40 S&W	N86-14289
.38-40/.44-40 Winchester	N86-14288
.41 Magnum	N86-14290
.44 Russian	N86-14209
.44 Special/Magnum/Colt	N86-14291
.45 GAP	N86-11441
.45 ACP/.40 Super/.400 Cor-Bon	N86-14292
.45 Auto Rim	N86-19140
.45 Colt/.45 S&W/.454 Casull	N86-14279
.45 Winchester Magnum	N86-14210



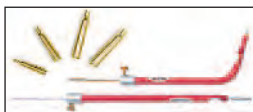
Dillon's Stainless Steel Headspace Case Gages

.223 Remington	N86-13254	\$26.95
.308 Winchester	N86-12867	27.95
.30-06 Springfield	N86-12679	28.95
.380 ACP	N86-15160	15.45
9mm Parabellum	N86-15161	15.45
.38 Super	N86-15158	15.45
.38 Special	N86-15159	15.45
.357 Magnum	N86-15163	15.45
.40 S&W	N86-15164	15.45
10mm	N86-15162	15.45
.44 Magnum	N86-15165	15.45
.45 ACP	N86-15166	15.45
.45 Colt	N86-15167	15.45
.45 GAP	N86-12672	15.45

L. E. Wilson Case Gages, Deburring Tool

.22-250	N86-12718	\$36.00
.243	N86-12828	36.00
.25-06	N86-11760	36.00
.270	N86-11828	36.00
6.5 Creedmoor	N86-12108	36.00
6.8 SPC	N86-19522	36.00
7mm Mag.	N86-12336	46.00
.30 Carbine (Case Length Only)	N86-18784	36.00
.30-30	N86-12924	36.00
.300 AAC Blackout	N86-19515	36.00
.300 Win. Mag.	N86-11752	46.00
.300 WSM	N86-18709	36.00
.357 SIG	N86-18708	36.00
.38-40 Winchester	N86-10682	36.00
.44-40 Winchester	N86-10697	36.00
.50 Browning MG	N86-14447	60.00
Deburring Tool	N86-16038	\$20.00

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



Overall Length Gauge

The initial distance a bullet must travel when fired (from the cartridge case mouth until it engages the rifling) is absolutely critical to achieving peak accuracy.

Straight N86-14622 \$38.95
Curved (for auto, lever and pump rifles) N86-14862 \$39.95

Modified Case (required)

	\$6.99 each
.223 Rem.	N86-14627
.22-250	N86-14628
.243 Win.	N86-14631
.270 Win.	N86-14641
7mm Rem. Mag.	N86-14648
.308 Win.	N86-14652
.30-06	N86-14653
.300 Win. Mag.	N86-14655

(Caliper not included)



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 N86-14670 \$16.95

Comparator Insert (required)

	\$8.95 each
.22 caliber	N86-14672
.24 caliber	N86-14673
.25 caliber	N86-14674
.26 caliber	N86-14675
.27 caliber	N86-14676
.28 caliber	N86-14677
.30 caliber	N86-14678
.33 caliber	N86-14679
.35 caliber	N86-14680
.37 caliber	N86-14681
.45 caliber	N86-14682

Dillon's Case Preparation Equipment



CV-2001 N86-20493 \$189.95

CV-2001 – The Industry Standard

Dillon's CV-2001 Vibratory Case Cleaner is 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, but our motor is larger in horsepower, internally cooled, thermally protected, and turns on precision ball bearings. This is no "hobby" machine!

The bowl and base are constructed of 7/32" thick injection molded high-strength polypropylene which is impact and abrasion resistant.

Case/Media Separators

After we sold thousands of our famous first generation FL-2000 case cleaners, customers who had purchased them began asking us to address the problem of separating the cleaned and polished brass from the cleaning media.

We knew from the beginning that the simplest method of separating would be a rotating squirrel cage, but we had to find a design we could manufacture economically. Our problem was that it had to be BIG – big enough to handle the entire load of the FL-2000 series case cleaners.

The solution was an injection molded reversible part. Simple, and it works great. Our device is large, 10" x 14", and will hold more than 1,600 .38 Special cases. It sits on a large media collection tub that measures 18" x 22". The tub keeps the mess off the floor and bench.

It's fast – so fast it will remove media from 1500 rounds of .223 brass in a matter of seconds.



CV-750 N86-19455 \$145.95

Limited Work Space?

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



CM-2000 Case/Media Separator N86-20675 \$75.95

CM-500 Case/Media Separator N86-21045 \$47.95

accompany the CV-750, the CM-500 does the same job as the larger CM-2000 Case/Media Separator; and, like the CV-750, handles just about half the capacity of the larger unit.

Although scaled down in size, these two pieces of equipment are every bit as tough as their full-sized counterparts. We used the same materials in their construction and designed them to work just as hard – and do it in a more compact area!

Attention European Customers: Case Cleaners are available in 220 volt!

Euro CV-2001 N86-22047 \$214.95

Euro CV-750 N86-19473 \$170.95

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

Rapid Polish



SHINE? You bet your brass! Dillon Precision has developed another exciting new product to make your reloading faster and easier. Rapid Polish 290 is the first cartridge case finish designed specifically to bring a brilliant shine (20 percent brighter than tumbling media alone) and a protective coating to reloaded ammunition. Simply add several capfuls to the media in your tumbler and run.

Rapid Polish 290 has a great residual value and stays in your tumbling media. You'll use less each time you clean your cases.

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

Rapid Polish 290

8 oz. bottle. **N86-13804** **\$8.95**
Case (20 pc.) **N86-20255** **135.95**

Case Lube



Rapid Lube 5000, Dillon's aerosol cartridge case lubricant, has been replaced by an "environmentally correct," non-aerosol case lube. It works the same: Simply lay your cases out, spray lightly with one or two passes and you've done it. No mess, no guesswork. Within minutes the lubricant distributes itself around the cartridge cases and you're ready to load. Try a bottle. You'll never use a grease pad again.

D.C.L. Dillon Case Lubricant

8 oz. bottle **N86-13733** **\$8.95**
Case (20 pc.) **N86-20256** **135.95**

Half and Half 10 bottles of polish /10 of lube
Case (20 pc.) **N86-21375** **\$135.95**

Don't Forget Polishing Media!

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

15-pound bag **N86-13287** **\$23.95**

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

10-pound bag **N86-13496** **\$15.95**



This month's cover model is Sabine. For a closer look at Sabine's sunglasses, visit the Dillon Optics website, www.dillonoptics.com. To see more photos of Sabine and other **Blue Press** cover models, you can "follow" us on **Instagram@bluepress** on your smartphone, or go to www.instagram.com/bluepress and click "follow."

20 XL 650

STANDARD FEATURES:

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

All for ONLY...

\$579^{95*}

N86-650

Reloading dies sold separately.

*Prices vary on exotic-caliber machines.



**XL 650 DVD
Instruction Manual
N86-19484 \$19.95**

Total price as pictured here
with optional accessories: **\$1154.55**

Electric Casefeeder	N86-210**	\$224.95
Powdercheck System	N86-21044	\$69.95
.45 ACP Die Set	N86-14404	\$66.95
Strong Mount (550/650)	N86-22051	\$49.95
Roller Handle	N86-17950	\$46.95
Low Powder Sensor	N86-16306	\$41.95
Bullet Tray	N86-22214	\$42.95
Toolholder w/Wrench Set	N86-11555	\$30.95

XL 650 Accessories

A. XL 650 CALIBER CONVERSION KITS

Include shellplate, locator buttons, powder funnel and casefeed adapter parts. Available in most calibers; please specify caliber desired.

(You MAY need a different casefeed plate, see item L.)

N86-XL650 CONVERSION (Specify Caliber) \$78.95*

*(All belted magnums and exotic calibers, \$88.95 ea.)



B. POWDER MEASURE

N86-20782, \$81.95 each

Magnum Rifle Powder Bar

N86-21353, \$31.95 each

X-Small Powder Bar

N86-20780, \$31.95 each

C. POWDER CHECK

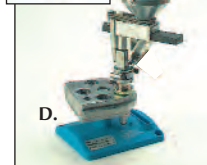
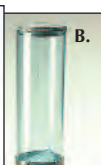
N86-21044, \$69.95 each

Three or more, \$62.95 ea.

D. QUICK CHANGE

Toolhead, TH Stand and Powder Measure

N86-22059, \$112.95



E. PRIMER PICKUP TUBES

Used to transfer primers from flip tray to priming system.

1 Lg. N86-22029 \$7.99

1 Sm. N86-22028 7.99

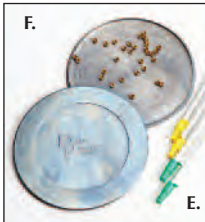
2 Sm., 2 Lg. N86-20056 24.95

4 Lg. N86-20050 24.95

4 Sm. N86-20049 24.95

F. PRIMER FLIP TRAY

A heavy, high-quality tray large enough for the Federal primer package. N86-13606, \$21.95 ea.



G. TOOLHEAD STANDS

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

N86-22055, \$21.95 each

Three or more, \$19.95 ea.



H. TOOLHEADS

N86-13863, \$29.95 each

Three or more, \$27.95 ea.

I. POWDER DIES

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

N86-20064, \$11.95 each, three or more, \$10.95 ea.

X-Large Powder Dies, N86-21253, \$19.95 each

J. XL 650 PRIMING SYSTEM (Not Pictured)

Small Priming System N86-21065 \$82.95

Large Priming System N86-20982 82.95

DON'T FORGET ONE OF THESE!

Universal Mounting Hardware Kit

N86-14355 \$5.49

1" Bench Wrench N86-10842 7.95

Buy two or more Bench Wrenches for \$7.10 each



K. CASEFEED ASSEMBLY

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

\$224.95 (110v),

\$234.95 (Euro. 220v)

L. EXTRA CASEFEED PLATES

\$38.95/49.95



XL 650 Casefeed Assembly

Large pistol (110v) N86-21080 (Euro. 220v) N86-97025

Large rifle (110v) N86-21081 (Euro. 220v) N86-97022

Small pistol (110v) N86-21079 (Euro. 220v) N86-97021

Small rifle (110v) N86-21082 (Euro. 220v) N86-97023

XL 650 Casefeed Plate

Large pistol N86-21072 \$38.95

Large rifle N86-21075 38.95

Magnum rifle N86-18492 49.95

Small rifle N86-21074 38.95

Small pistol N86-21073 38.95

M. MACHINE MAINTENANCE KIT



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

Maint. Kit & Spare Parts Kit N86-97017, \$40.95

N. SPARE PARTS KIT

1 Priming Station Locator Tab

1 650 Ejector Wire

1 Slide Spring Pin

1 Indexer Spring

1 650 Primer Indexing Arm

1 650 Index Pawl

1 650 Primer Cam

1 650 Ring Indexer

2 Pistol Decapping Pins

1 650 Index Spring Revision A

1 #10 Tinnerman Insert

1 Index Arm Bowed Washer

1 Short Lever Spring

1 Bellcrank Cube

1 3/8" Index Ball

1 Powder Bar Spacer Plug

1 650 Brass Tip Set Screw

4 Locator Pins (#1, #2, #3, #4)

1 5/16" Index Ball

1 Tab/Spring Arm Spring

1 Case Insert Slide Spring

1 650 Pawl Spring

1 Indexing Arm Spring

1 Index Ball Spring



2 Pickup Tube, Small, Yellow Tips

1 650 Tool Head Pin

2 Pickup Tube, Large, Green Tips

1 Primer Cup Spring

2 Retaining Clips

2 650 Shellplate Cap

1 650 Primer Support Shim

1 Case Insert Slide Spring Cap

1 Priming Station Locator Tab Bushing

2 Dispensing Tips, Large

2 Dispensing Tips, Small

1 Failsafe Bushing Revision B

N86-21146, \$26.95

O. EQUIPMENT DUST COVERS

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

XL 650 Cover, N86-10443, \$39.95

(P.) Master lock, N86-13083, \$3.95

Quick-Change Cover (for use with powder measure) N86-11143, \$14.95



Q. LOW POWDER SENSOR

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

N86-16306, \$41.95

Color Coded Aluminum RL 550/XL 650 Toolheads



Blue RL 550 Toolhead
Black RL 550 Toolhead
Gold RL 550 Toolhead
Silver RL 550 Toolhead
Blue XL 650 Toolhead
Black XL 650 Toolhead
Gold XL 650 Toolhead
Silver XL 650 Toolhead

N86-62132	\$29.95
N86-62133	29.95
N86-62134	29.95
N86-62135	29.95
N86-62136	34.95
N86-62137	34.95
N86-62138	34.95
N86-62139	34.95

Super 1050/RL 1050 Short Trim Die Toolhead



N86-62219
\$224.95

For short rifle cartridges like the .300 Blackout, you must use a Short Trim Die Toolhead when using a Dillon Rapid Trim 1500 Case Trimmer during case preparation. Otherwise, the toolhead is too thick to facilitate the correct case length. This specialty toolhead enables you to correctly trim and prepare short rifle cases on your 1050. (NOTE: the Blue 1050 toolhead stand - Part Number N86-62200, \$49.95 - is not included.)



\$79 BUCKS FOR 1000 .223 55 GRAIN FMJBT

CHECK OUT OUR FULL LINE
OF LEAD CAST BULLETS!



223BULKBULLETS.COM

Dillon's New Rapid Trim 1500 Case Trimmer ²³



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 **N86-62164** is **\$330.95**. (Available only in 110 volt 60 Hz.) Size/trim dies are sold separately (see chart below). Replacement carbide cutting blades, **N86-13141**, are **\$19.95** each. Upper lock rings, **N86-13559**, are **\$4.99** each.

RT 1500 & 1200B Size/Trim Die Calibers

.204 Ruger	N86-21028	\$59.95
.222 Rem.	N86-21363	59.95
.223 Rem.	N86-20107	51.95
.223 Rem. Carbide	N86-19797	176.00
.220 Swift	N86-21364	59.95
.22-250 Rem.	N86-20110	56.95
.243 Win.	N86-20109	56.95
.25-06 Rem.	N86-21367	59.95
6.5 Creedmoor	N86-62290	59.95
6.5 x 55mm	N86-21495	59.95
.270 Win.	N86-20112	56.95
7mm Rem. Mag.	N86-21366	59.95
.30-30 Win.	N86-20111	56.95
.300 WSM	N86-21029	59.95
.308 Win.	N86-20106	51.95
.308 Win. Carbide	N86-62126	176.00
.30-06	N86-20108	51.95
.30-06 Carbide	N86-62159	226.00
.300 Win. Mag.	N86-21370	59.95
.300 Wby. Mag.	N86-21371	59.95
.303 Brit.	N86-21765	59.95
8 x 57 Mauser	N86-21502	59.95
.338 Win. Mag.	N86-21368	59.95
RT 1500 Motor Only	N86-61500	\$299.95

RT 1500 Short Trim Dies

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

.300 Blk Carbide	N86-62140	\$176.00
6.8 SPC	N86-62238	\$59.95
7.62 x 39	N86-62237	59.95



Short Trim Die Toolheads

RL 550	N86-62231	\$38.95
<i>(Includes modified vacuum manifold.)</i>		
XL 650	N86-62112	34.95
RL/Super 1050	N86-62219	224.95

(Not pictured, see Page 22.)

RT 1200B Trim Dies

NOTE: Not compatible with the RT 1500.

6.8 SPC (trim die)	N86-16391	\$59.95
7.62 x 39 (die)	N86-16390	59.95

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.

6.8 SPC Back-Up Rod	N86-62124	\$20.95
9mm Adaptor	N86-62168	14.95
.40 S&W Adaptor	N86-62169	14.95



N86-20095
\$103.95

Dillon Leather b



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

N86-18843

Sport EXP-DL

\$98

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

S&W 4" K-Frame Revolver	N86-19372
S&W 4" Lugged Barrel L-Frame Revolver	N86-19373
S&W 4" Light Barrel N-Frame Revolver	N86-19374
S&W 4" Lugged Barrel N-Frame Revolver	N86-19375
S&W 5" Lugged Barrel N-Frame Revolver	N86-19376

Best-Quality Belt-DL

\$70

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

1.5" Gun Belt

32" Waist	N86-18859
34" Waist	N86-18860
36" Waist	N86-18861
38" Waist	N86-18862
40" Waist	N86-18863
42" Waist	N86-18864
44" Waist	N86-18865

1.25" Gun Belt

32" Waist	N86-18873
34" Waist	N86-18867
36" Waist	N86-18868
38" Waist	N86-18869
40" Waist	N86-18870
42" Waist	N86-18871
44" Waist	N86-18872



by Mitch Rosen!



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

5JR-DL

\$75

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

Beretta 92	N86-18817
Colt Government Model	N86-18810
Colt Commander	N86-18811
Colt Officers	N86-18812
GLOCK 17, 22, 31	N86-18813
GLOCK 19, 23, 32	N86-18814

GLOCK 26, 27, 33	N86-18815
GLOCK 20, 21	N86-18816
SIG P220, P226	N86-18818
SIG P228, P229	N86-18827
S&W Military & Police 9mm/.40 Auto	N86-19011
S&W Military & Police SHIELD™	N86-12241
S&W 2" J-Frame Revolver	N86-18820
Springfield Armory XD 4"	N86-18825
Springfield Armory XD 5"	N86-18874
Springfield Armory XD-S	N86-12236
Ruger 2.25" SP-101 Revolver	N86-18828

Tuff Products Mag Pouches



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

Black 8-Magazine Single-Stack (1911)	N86-19854	\$39.95
Brown 8-Magazine Single-Stack (1911)	N86-19855	39.95
Black 5-Mag. Double-Stack (9/.40 GLOCK)	N86-19856	39.95
Brown 5-Mag. Double-Stack (9/.40 GLOCK)	N86-19857	39.95
Black 5-Mag. AR-15 (5.56) Pouch	N86-15111	50.00
Brown 5-Mag. AR-15 (5.56) Pouch	N86-15112	50.00

Tuff Products Stock Saddle



Tuff Products 4014 Butt Stock Saddle features EZ-adjust straps, a loop lined pocket, zippered side compartment and holds six .223/5.56/.308/7.62 rifle cartridges.

Black	N86-43389	\$47.25
Coyote Brown	N86-43390	47.25

Dillon's Concealed Carry Tote

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



\$59⁹⁵
N86-17001



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 **N86-11560**
- 4-5/8" Ruger Blackhawk **N86-15765**
- Ruger LCR **N86-29030**
- 2" J-Frame S&W Rev. **N86-15764**
- GLOCK 17/22 **N86-62277**
- GLOCK 19/23 (pictured) **N86-62278**
- 5" 1911 **N86-62279**
- 4" 1911 **N86-62288**



\$79⁹⁵

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

This holster/mag pouch combination was designed specifically for the Single Action Shooting Society's "Wild Bunch" category of Cowboy Action Shooting, incorporating a holster and mag pouch that look like they were made at the turn of the century, yet feature state-of-the-art speed and accuracy. The holster is hard molded so as not to lose its shape even after thousands of draws. It spaces the pistol's grip frame away from your body so you'll get a full combat grip, and the holster includes

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

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

- 1911 Holster **N86-19947 \$139.95**
- Mag Pouch **N86-19946 44.95**



IHL Hammerhead Shark

1911 Slide N86-19230 \$139.95
 1911 Pouch N86-19231 89.95



IHL Belt Slide

Colt Gov't, Black N86-16468 \$55.95
 Sm. GLOCK, Black N86-16469 30.95



IHL Speed Strip Wallet

.38/.357 6-rd. N86-18308 \$30.95
 .38/.357 8-rd. N86-18987 30.95
 .44/.45 6-rd. N86-18988 30.95
 .410 Ga. 6-rd. N86-18990 34.95
 .500 S&W 6-rd. N86-18989 30.95



IHL Ltd. Class Holster

Colt Gov't, Black N86-16456 \$109.95
 Colt Gov't, Brown N86-14348
 Colt Com, Black N86-16886
 Colt Ofcr's, Black N86-16887
 GLOCK 17, Black N86-16891
 GLOCK 19, Black N86-16890



IHL Solo Mag Pouch

Single Stack, Black N86-16446 \$39.95
 Single Stack, Brown N86-13145
 Double Stack, Blk. N86-16447



THE WILDERNESS TACTICAL PRODUCTS



The Wilderness' Original Instructor Belt is an incredibly strong belt with a specially designed "V" ring buckle. Imitation is the sincerest form of flattery, and the marketplace is full of copies of this belt, but none can compare to the original. This belt is a favorite with law enforcement, military personnel, fire-

fighters, paramedics, etc. Note: The 1.75" belt works best with BDUs or jeans. The 1.5" belt features a scaled-down buckle.

Measured Waist	1.5" Belt	1.75" Belt	
32" Waist	N86-10965	N86-10253	\$54.95
34" Waist	N86-10966	N86-10128	54.95
36" Waist	N86-10967	N86-10129	54.95
38" Waist	N86-10968	N86-10130	54.95
40" Waist	N86-10969	N86-10131	54.95
42" Waist	N86-10970	N86-10132	54.95
44" Waist	N86-10971	N86-10133	59.95
46" Waist	N86-10972	N86-10889	59.95

BLADETECH Special Purchase!

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

N86-13079 \$19.95



DeSantis Clip-Grip®

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

N86-19371 \$29.99



BLADE-TECH™

"Signature" OWB Holster

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

Colt 1911 R/NR (rail or no rail)	N86-40148	\$29.99
GLOCK 17/22	N86-40140	29.99
GLOCK 19/23	N86-40139	29.99
GLOCK 20/21	N86-40142	29.99
GLOCK 34/35	N86-40141	29.99
Smith & Wesson 4" M&P	N86-40149	29.99
Springfield 4" XD/Mod 2 9/40	N86-40143	29.99
Springfield 5" XD/Mod 2 9/40	N86-40144	29.99
Springfield 4.5" XDM	N86-40145	29.99
Springfield 5.25" XDM	N86-40146	29.99
STI Edge	N86-40147	29.99



Klipt IWB Holster

The Klipt Appendix "Inside the Waist-band" 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	N86-43396	\$29.99
GLOCK 43	N86-43398	29.99
Ruger LC9	N86-43394	29.99
S&W J-Frame Revolver	N86-43397	29.99
S&W M&P Shield	N86-43395	29.99
Springfield XDS	N86-43393	29.99

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

32"	N86-12242	\$59.99
34"	N86-12243	59.99
36"	N86-12245	59.99
38"	N86-12246	59.99
40"	N86-12247	59.99
42"	N86-12249	59.99
44"	N86-12251	59.99
46"	N86-12253	59.99
48"	N86-12255	59.99



Single Mag	\$19.99 ea.
1911	N86-40150
Sm. GLOCK	N86-40151
Lg. GLOCK	N86-40152
Dbl. Stack 9/40	N86-40153
Dbl. Stack .45	N86-40154

Double Mag	\$26.99 ea.
1911	N86-40155
Sm. GLOCK	N86-40156
Lg. GLOCK	N86-40157
Dbl. Stack 9/40	N86-40158
Dbl. Stack .45	N86-40159

Quad Mag	\$39.99 ea.
1911	N86-40026
Sm. GLOCK	N86-40027
Dbl. Stack 9/40	N86-40028

AR-15 Single Tek-Loc™	
Mag Pouch	
N86-40034	\$29.99

AR-15 Double Tek-Loc™	
Mag Pouch	
N86-40033	\$54.99



Blade-Tech Holster/Mag Pouch Hardware (left to right)

Large Tek-Loc™ Universal Belt Clip w/Hardware	N86-40029	\$8.95
Tek-Loc™ Dropped Offset Holster Attachment	N86-40016	19.99
Dropped Offset Holster Belt Loop Attachment	N86-40017	19.99
Mini Tactical Modular Mount System w/Hardware	N86-39920	24.99

SAFARILAND Holsters 29

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	N86-19262	\$43.95
4" N-Frame S&W Revolvers	N86-19263	43.95
5" N-Frame S&W Revolvers	N86-19264	43.95
Beretta Compact, Taurus Compact, CZ-75, Colt Commander Model	N86-19265	43.95
Beretta, Taurus, Browning HP, Colt 1911	N86-19266	43.95

Colt Officers' Model, GLOCK 19/23, SIG P228, HK USP Compact 9/40	N86-19267	43.95
GLOCK 17, 20, 21, 22, HK USP 9/40, Ruger P Series, SIG P220	N86-19268	43.95

Safariland Model 6377 ALS™ Holsters

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

Colt 1911	N86-40072	\$39.95
GLOCK 17/22	N86-19444	39.95
GLOCK 20/21	N86-19443	39.95
GLOCK 34/35	N86-40073	39.95
SIG 220/226	N86-19446	39.95
SIG 220/226 with Accessory Rail (no light)	N86-19447	39.95
SIG 228	N86-19445	39.95
S&W M&P 9/40	N86-19448	39.95
Springfield 4" XD 9/40	N86-40074	39.95
Springfield 5" XD 9/40	N86-40075	39.95
Springfield XDM 9mm	N86-40076	39.95
Springfield XDM .40	N86-40077	39.95

Comp-Tac Holsters



Comp-Tac QB

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

QB Size 1 fits: GLOCK 9/40/.357 all lengths, GLOCK 41, GLOCK 36; S&W M&P 9/40/.357 all lengths (not Shield); Walther PPQ/M2 all lengths **N86-43380 \$49.95**

QB Size 2 fits: CZ P07, P09; HK VP40, P30, P30L, P30SK, USPs full size and compact, P2000; Ruger American, Ruger SR9 full size and compact; S&W M&P .45s (not Shield); Springfield XD/XDM/Mod 2 all lengths and calibers; GLOCK 20/21 all versions, GLOCK 40; SIG 250 all lengths, with and without rail, all calibers, SIG 320 all lengths, all calibers, SIG 226 all versions, SIG 229 all versions; Taurus all .45 Millennium and Millennium Pro; Walther PPQ .45 **N86-43381 \$49.95**

QB Size 3 fits: GLOCK 43; Springfield XD-S; S&W Shield; Walther PPS; Walther CCP **N86-43382 \$49.95**

QB Size 4 fits: 1911s – Colt, Kimber, Springfield including TRP Half and Full Rail, SIG 1911s, all Mil-Spec 1911s **N86-43383 \$49.95**



Comp-Tac IDPA Revolver Competition Holster

4" K-Frame S&W Revolvers	N86-13029	\$64.99
4" L-Frame S&W Revolvers	N86-13032	64.99
2.5" N-Frame S&W Revolvers	N86-13035	64.99
4" N-Frame S&W Revolvers	N86-13038	64.99



Comp-Tac USPSA Revolver Competition Holster

6" K-Frame S&W Revolvers	N86-13030	\$64.99
6" L-Frame S&W Revolvers	N86-13033	64.99
5" N-Frame S&W Revolvers	N86-13043	64.99
6.5" N-Frame S&W Revolvers	N86-13044	64.99

SUPER 1050

STANDARD FEATURES:

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

\$1799^{95*}

*Prices vary on exotic-caliber machines.



**Super 1050 DVD
Instruction Manual**
N88-19485 \$19.95



SUPER 1050 Stock Numbers

.380 ACP	N86-21135
9mm Parabellum	N86-21067
.38 Super	N86-21132
.38 Super Comp	N86-21069
.38 Special	N86-21136
.357 Magnum	N86-21137
.40 S&W	N86-21070
10mm	N86-21138
.41 Magnum	N86-21139
.44 Special	N86-21140
.44 Magnum	N86-21141
.45 ACP	N86-21061
.45 Colt	N86-21133
.223 Remington	N86-21130
.223 Rem./Carbide \$1873.95*	N86-21131
.308 Winchester	N86-21058
.308 Win./Carbide \$1881.95*	N86-21068

(See Page 31 for more caliber listings.)

Total price as pictured here
with optional accessories: \$1954.80

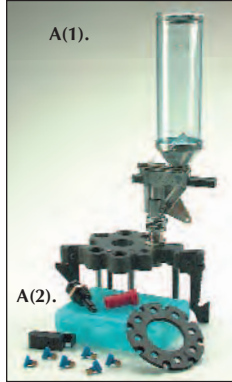
Powdercheck System	N86-21044	\$69.95
Low Powder Sensor	N86-16306	\$41.95
Bullet Tray	N86-22215	\$42.95

1050 Accessories

A(1). QUICK-CHANGE TOOLHEAD CONVERSION

Includes:

- Toolhead
 - Powder Measure
- N86-21393, \$276.95**



A(2). CALIBER CONVERSION

Includes:

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



Pistol Calibers

	Conversion#/Price	Machine#/Price
.32 ACP	#20633/\$126.95	#21162/\$1799.95
.32 S&W Long	#20634/\$126.95	#21134/\$1799.95
.32 H&R Magnum	#20634/\$126.95	#21134/\$1799.95
.380 ACP	#20483/\$126.95	#21135/\$1799.95
9mm Parabellum	#20482/\$126.95	#21067/\$1799.95
.38 Super	#20484/\$126.95	#21132/\$1799.95
.38 Super Comp	#21057/\$126.95	#21069/\$1799.95
.38 Special	#20477/\$126.95	#21136/\$1799.95
.357 Magnum	#20477/\$126.95	#21137/\$1799.95
.357 SIG	#20068/\$126.95	#21127/\$1829.95*
.38-40 Winchester	#21160/\$126.95	#21158/\$1799.95
.40 S&W	#20545/\$126.95	#21070/\$1799.95
10mm	#20788/\$126.95	#21138/\$1799.95
.41 Magnum	#20478/\$126.95	#21139/\$1799.95
.44 Special	#20479/\$126.95	#21140/\$1799.95
.44 Magnum	#20479/\$126.95	#21141/\$1799.95
.44-40 Winchester	#21161/\$126.95	#21159/\$1799.95
.45 GAP	#21010/\$126.95	#21002/\$1799.95
.45 ACP	#20480/\$126.95	#21061/\$1799.95
.45 Colt	#20481/\$126.95	#21133/\$1799.95
.475 Linebaugh	#20833/\$163.95	call
.480 Ruger	#20833/\$163.95	call
.500 S&W Magnum	#20834/\$163.95	#20428/\$1864.95*

Rifle Calibers

	Conversion#/Price	Machine#/Price
.223 Remington	#20485/\$126.95	#21130/\$1799.95
.223 Rem./Carbide		#21131/\$1873.95*
22-250	#21055/\$144.95	#21129/\$1799.95
.243 Winchester	#21054/\$144.95	#21126/\$1799.95
6.8 SPC	#20468/\$144.95	#21156/\$1849.95*
.270 Winchester	#21053/\$144.95	#18491/\$1799.95
.30 Carbine	#20626/\$144.95	#21142/\$1814.95*
7.62x39	#20631/\$163.95	#21144/\$1849.95*
.30-30 Winchester	#21052/\$144.95	#21003/\$1799.95
.300 WSM	#20466/\$173.95	#21110/\$1864.95*
.303 British	#21051/\$126.95	#21060/\$1799.95
.308 Winchester	#21049/\$144.95	#21058/\$1799.95
.308 Win./Carbide		#21068/\$1881.95*
.30-06 Springfield	#21050/\$206.95	#21059/\$1864.95*
.30-06 Sp./Carbide		#62178/\$2014.95*
.45-70 Government	#21056/\$177.95	#21064/\$1909.95*

A(3). 1050 PRIMER SYSTEM

Large primer system conversion **N86-20476 \$111.95**

Small primer system conversion **N86-20419 111.95**

A(4). EXTRA CASEFEED PLATE

Large pistol **N86-21072 \$38.95**

Large rifle **N86-21075 38.95**

Small rifle **N86-21074 38.95**

Small pistol **N86-21073 38.95**

1050 POWDER MEASURE N86-20421 \$86.95

1050 TOOLHEAD N86-20420 \$200.95



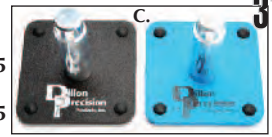
B. BUSHING DRIVER

N86-20341, \$12.95 ea.

C. TOOLHEAD STAND

Black **N86-62201, \$49.95**

Blue **N86-62200, \$49.95**



D. 1050 TOOLHOLDER

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

With bracket **N86-62202, \$34.95**

W/O bracket **N86-62203, \$30.95**

Ball End Dipped Wrench Set

N86-62161, \$18.95

E. PRIMER PICKUP TUBES

Used to transfer primers from flip tray to priming system.

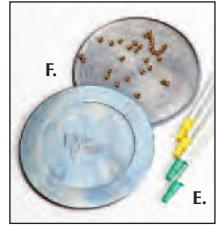
1 Lg. **N86-22029 \$7.99**

1 Sm. **N86-22028 7.99**

2 Sm., 2 Lg. **N86-20056 24.95**

4 Lg. **N86-20050 24.95**

4 Sm. **N86-20049 24.95**



F. PRIMER FLIP TRAY

A heavy, high-quality tray large enough for the Federal primer package. **N86-13606, \$21.95 ea.**



G. MACHINE COVER

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

N86-13239, \$39.95

H. Master lock, N86-13083, \$3.95



I. BULLET TRAY

Designed for "economy of motion" when loading.

N86-22215, \$42.95



J. SPARE PARTS KIT

- 1 Super 1050 Spring Bushing
- 1 Cam Guide Bolt 1/4-20
- 1 Super 1050 Toolhead Spring
- 1 Priming Station Retaining Tab
- 1 Ratchet Restriction Tab
- 4 Lock Ring Inserts
- 3 Pistol Decapping Pins
- 2 #10 Tinnerman Inserts
- 1 1/4" E-Clip

- 3 Bellcrank Cubes
 - 2 Primer Punch Springs
 - 2 1/4-20 3/8 BH Screws
 - 4 Locator Pins (#1, #2, #3, #4)
 - 1 Tab/Spring Arm Spring
 - 2 Pickup Tube Tips, Small, Yellow
 - 2 Magazine Orifices, Large, Red
 - 2 Pickup Tube Tips, Large, Green
 - 2 Magazine Orifices, Small, Blue
 - 2 Retaining Clips
 - 1 Slide Roll Pin Sleeve
 - 2 Dispensing Tips, Small
 - 2 Dispensing Tips, Large
- N86-20779, \$34.95**

K. MACHINE MAINTENANCE KIT



K.

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 N86-97018, \$47.95

Range Bag



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

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

Range Bag, Black	N86-19366	\$89.95
Pistol Pouch, Black	N86-17027	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!



Black Ammo Bag **N86-13755** **\$25.95**

I.D. Card Holder

N86-14575 \$2.95



Dillon's Shooting Mat

Dillon's shooting mat is made of tough ballistic-weave nylon fabric, with a large skid-resistant elbow pad area. The "ground" side is moisture resistant and wipes clean easily. The padding is dense, closed-cell foam to provide both shooter comfort and a stable shooting base. The mat is equipped with a shoulder strap, a carry handle and two straps with snap-release buckles. *Dimensions: 66" x 27.75"*

N86-18146 \$65.00

ANNOUNCING: Mr. Bulletfeeder® by Double-Alpha

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

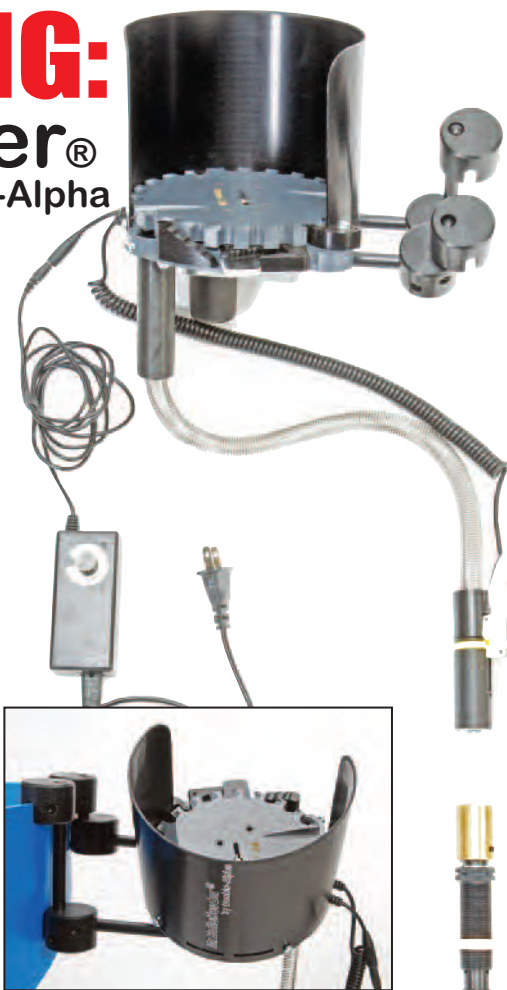
The Mr. Bulletfeeder by Double-Alpha is now a production-grade product, with Double-Alpha Academy – a world leader in practical-shooting-related product manufacturing and distribution – at the helm. The design allows the bullet collar to be mounted onto the case-feeder, eliminating any increased footprint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

Mr. Bulletfeeder (Comes Set Up in One Caliber)

9mm	N86-15145	\$469.95
.40 S&W/10mm	N86-15146	469.95
.45 ACP	N86-15148	469.95
.223 Rem./5.56 NATO	N86-15150	493.95
.30 cal./7.62mm	N86-15153	499.95
6.5mm	N86-15154	499.95

Mr. Bulletfeeder Caliber Conversions

9mm	N86-15168	\$149.95
.40 S&W/10mm	N86-15169	149.95
.45 ACP	N86-15170	149.95
.223 Rem./5.56 NATO	N86-15171	169.95
.30 cal./7.62mm	N86-15172	182.95
6.5mm	N86-15173	182.95



Mr. Bulletfeeder® Replacement Parts & Spares



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



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



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

Mr. Bulletfeeder Replacement Bullet Dropper Dies

9mm	N86-10218	\$94.95
.40 S&W/10mm	N86-10219	94.95
.45 ACP	N86-10220	94.95
.223 Rem./5.56 NATO	N86-10221	94.95
.30 cal./7.62mm	N86-10236	94.95

Mr. Bulletfeeder Replacement Output Tube Assemblies

Small Output	N86-10238	\$34.95
Large Output	N86-10239	34.95
Mr. Bulletfeeder Replacement Nose Guide Spacers		
Set of Four	N86-10237	\$2.95

Dillon's Pistol Die Sets

Size Die

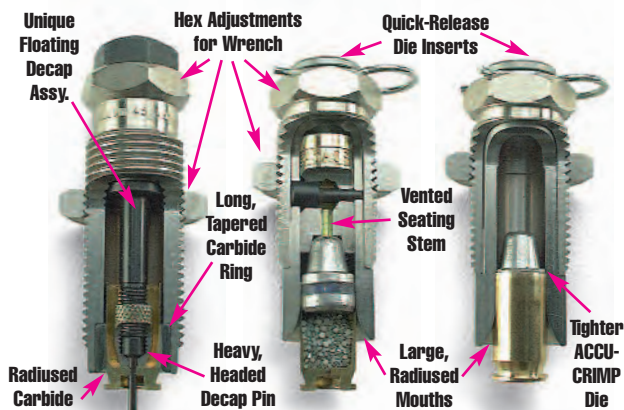
- Floating Decap Assembly Eliminates Primer "Draw Back"
- Long, Tapered Carbide Ring
- Radiused Opening Makes Progressive Loading Smoother

Seat Die

- Reversible Seating Stem Makes it Easy to Change Bullet Styles

Crimp Die

- Quick Disassembly, Easy to Clean



Sizing/Depriming Die

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

That radiused opening, and its importance to progressive reloading, is one of the reasons why our seat and crimp dies are better. We found a way of manufacturing these dies that has enabled us to make the lead-in radius even bigger! The bigger radius makes progressive loading with our equipment even smoother – but that's still only a part of the story.

Bullet Seating Die

Our quick-disassembly seat die allows the user to disassemble and clean the seat die without losing adjustment. In this manner, bullet lube and shavings can be quickly removed from the die, thereby guaranteeing a constant seating depth. We've incorporated a "flip-flop" seating stem and a clip that enables you to remove the die insert and change the seating stem from round nose to semi-wadcutter without unscrewing a seating stem out of the die body. We've always included both types of seating stems, but the new double-ended design makes it a simple matter to remove a pin, reverse the seating stem, make any minor seating depth adjustments that may be necessary and go on loading in a fraction of the time it used to take.

Crimp Die

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

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

Dillon Pistol Dies (Three-Die Sets)

.32 S&W Long/.32 H&R Mag.	N86-14426	\$66.95
.380 ACP	N86-14401	66.95
9mm Parabellum	N86-14406	66.95
9x25 Dillon	N86-14601	139.95
.357 SIG	N86-22083	139.95
.38 Super	N86-14399	66.95
.38 Special/.357 Magnum	N86-14400	66.95
10mm/.40 S&W	N86-14398	66.95
.41 Magnum	N86-14402	66.95
.44 Special/.44 Magnum	N86-14403	66.95
.45 ACP/.45 GAP	N86-14404	66.95
.45 Colt	N86-14405	66.95

Dillon Carbide Size/Deprime Dies

.32 S&W Long/.32 H&R Mag.	N86-14119	\$33.95
.380 ACP	N86-14410	27.95
9mm Parabellum	N86-14415	27.95
9x25 Dillon	N86-14602	105.95
.357 SIG	N86-16513	105.95
.38 Super	N86-14408	27.95
.38 Special/.357 Magnum	N86-14409	27.95
10mm/.40 S&W	N86-14407	27.95
.41 Magnum	N86-14411	27.95
.44 Special/.44 Magnum	N86-14412	27.95
.45 ACP/.45 GAP	N86-14413	27.95
.45 Colt	N86-14414	27.95

Dillon Seating Dies

.32 S&W Long/.32 H&R Mag.	N86-14106	\$25.95
.380 ACP	N86-14419	25.95
9mm Parabellum	N86-14424	25.95
9x25 Dillon	N86-14603	28.95
.357 SIG	N86-16515	28.95
.38 Super	N86-14417	25.95
.38 Special/.357 Magnum	N86-14418	25.95
10mm/.40 S&W	N86-14416	25.95
.41 Magnum	N86-14420	25.95
.44 Special/.44 Magnum	N86-14421	25.95
.45 ACP/.45 GAP	N86-14422	25.95
.45 Colt	N86-14423	25.95

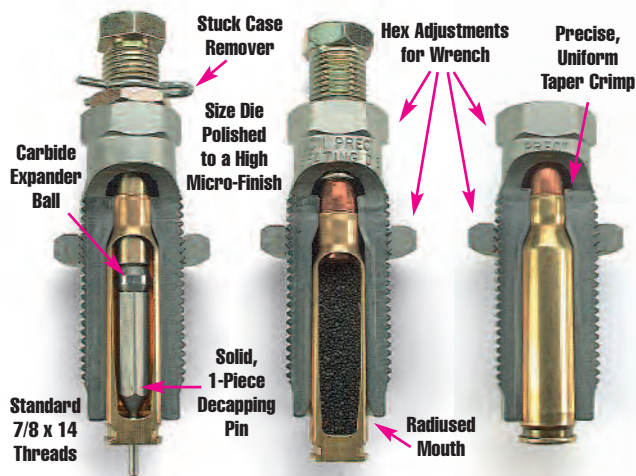
Dillon Crimp Dies

.32 S&W Long/.32 H&R Mag.	N86-14107	\$24.95
.380 ACP	N86-14438	24.95
9mm Parabellum	N86-14443	24.95
9x25 Dillon	N86-14604	27.95
.357 SIG	N86-16514	27.95
.38 Super	N86-14436	24.95
.38 Special/.357 Magnum	N86-14437	24.95
10mm/.40 S&W	N86-14435	24.95
.41 Magnum	N86-14439	24.95
.44 Special/.44 Magnum	N86-14440	24.95
.45 ACP/.45 GAP	N86-14441	24.95
.45 Colt	N86-14442	24.95

Spare Decapping Pins

Package of 10	N86-21528	\$5.75
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Dillon's Rifle Die Sets



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

Sizing/Depriming Die

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

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

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

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

Bullet Seating Die

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

Taper Crimp Die

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

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

Size Die

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

Seat Die

- Designed to hold bullet straight throughout the seating process

Taper Crimp Die

- Centers case neck and body for a more uniform crimp

Dillon Rifle Dies (Three-Die Sets)

.223 Remington	N86-10839	\$68.95
.308 Winchester	N86-15574	68.95
.30-06 Springfield	N86-10840	68.95

Dillon Carbide Rifle Dies (Three-Die Sets)

.223 Remington	N86-10096	\$164.95
.30 M1 Carbine	N86-62128	105.95
.300 AAC Blackout	N86-62114	173.95
.308 Winchester	N86-10793	170.95
.30-06 Springfield	N86-62151	276.95

Except where noted, die sets include three dies: carbide size/decap, a seater and a separate crimp die. **PLEASE**

NOTE: Carbide rifle dies still require case lubrication!

Dillon Size Dies

.223 Remington	N86-12778	\$42.95
.223 Remington (Carbide)	N86-10223	137.95
.30 M1 Carbine (Carbide)	N86-97039	73.95
.300 AAC Blackout (Carbide)	N86-62118	150.95
.308 Winchester	N86-10242	42.95
.308 Winchester (Carbide)	N86-10234	150.95
.30-06 Springfield	N86-12238	42.95
.30-06 Springfield (Carbide)	N86-62150	225.95

Universal Decapping Die

N86-22127	\$27.45
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Dillon Seat Dies

.223 Remington	N86-21672	\$30.95
.300 AAC Blackout	N86-62141	30.95
.308 Winchester	N86-21674	30.95
.30-06 Springfield	N86-21673	30.95

Dillon Taper Crimp Dies

.223 Remington	N86-21676	\$28.55
.300 AAC Blackout	N86-62142	28.55
.308 Winchester	N86-21678	28.55
.30-06 Springfield	N86-21677	29.55

Spare Decapping Pins

.223 Remington	N86-13278	\$3.99
.308 Winchester	N86-13132	3.99
.30-06 Springfield	N86-13069	3.99
For Universal Decapping Die	N86-15816	3.99

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

Dillon Die Lock Ring	N86-14067	\$1.35
5-Pack Die Lock Rings	N86-10669	4.15

Why Would ANYBODY



Shown for the sake of size comparison, a 16" bbl. AR-15 and the author's 8.5" bbl. AR pistol. It's equipped with a HoloSun red-dot sight, Rainier Arms .300 BLK match barrel, Bravo Company 7" KMR-A rail, and Tango Down grip. The muzzle device has been left off to accommodate a thread-on suppressor.

By Cameron Benz

In general, I think most of us prefer our AR-15 variants to have a stock. It grants more points of contact than we would otherwise have, as well as makes it easier to deliver hits on targets with speed and accuracy. As much as most of us love to have that stock, there are instances where it can be a significant inconvenience if not a full failure. Let's look at what advantages the pistol format has.

Initially, the AR pistol was regarded with widespread derision. Many labeled them range toys. Others wondered why on earth someone would want such a thing. Relatively ridiculous muzzle blast with accompanying flame was pretty common and still is with 5.56mm and .223 chamberings, particularly when barrel length drops below about 10.5 inches. Many times there have been reliability issues with the sub-10.5-inch barrel guns. Over time, we've seen more research into rifles with shorter barrels. That knowledge transferred over to the AR pistol quite well, particularly as .300 BLK has gained traction. Between those factors and the increase in popularity of the short-barreled rifle (frequently referred to as an SBR), the AR pistol became a viable – if niche – special-purpose firearm.

One of the first advantages an AR pistol has over an SBR involves traveling for classes. If you've never done it, traveling with an SBR can be a pain for no other reason than the "mother may I" requirement of submitting a form 5320.20 "Application to Transport Interstate or to Temporarily Export Certain National Firearms Act (NFA) Firearms" to the BATFE and waiting on approval. If you're not familiar with the process, it goes a little something like this. Print out the form from BATFE's website, fill it out, mail it, and then wait for what seems like forever. Eventually you should

receive your approved forms in the mail. If you're really lucky, it's before you leave on your trip. As of the time I write this, it isn't possible to do this on the eForms site, either. In the case of the AR pistol, you can travel with it like you would any other handgun.

A number of states still do not have legalized ownership of short-barreled rifles. The AR pistol can be a reasonable solution to this problem. This assumes that an AR pistol is legal in your state. Be sure to check your state regulations before committing.

Some states, like my home state of Washington, don't allow carrying loaded rifles in vehicles, but with a state-issued concealed pistol license, an AR pistol is treated as any other concealed pistol would be. So in my home state, I could conceivably carry this on my person concealed with a concealed-carry license, assuming I could conceal it, that is. This gives you the ability to carry a rifle-caliber handgun with 20, 30, 40, or even more rounds on tap. That makes for pretty formidable piece of equipment to have at hand. I know of a handful of individuals that have found low-key bags to carry their respective AR pistols in. I've heard of tennis-racket bags, various music cases, and some outdoor-enthusiast-looking backpacks. If you choose to go this route, you might make sure that your selection doesn't look out of place with you or your environment. The AR pistol could even be a good option for a "get home bag," particularly when combined with something like the LAW Tactical folding stock assembly using a pistol buffer tube to make it a more compact package for storage. If you don't like just having a foam-covered pistol buffer tube, companies like Mission First Tactical and Command Arms make cheek rests with storage. There are also arm braces on

Want an AR Pistol? ³⁷

the market by companies such as SIG Arms. Getting into the legal ins and outs of the various letters put forth by BATFE in regards to shouldering them is beyond the scope of this article and I'm not a lawyer (nor do I play one on the Internet).

An AR pistol doesn't necessarily have to be a rifle caliber. You can have it as a pistol-caliber pistol (that makes sense, right?). Before anyone asks why someone would, there are a couple of unique things about the pistol-caliber versions. One is, they can be had in a version that takes GLOCK magazines which means that depending on caliber, magazines are very plentiful whether factory, MagPul, or ETS (Elite Tactical Systems). Second, they can generally be used on ranges with velocity restrictions or that prohibit the use of rifle cartridges. Third, you can conceivably use the same ammunition and magazines that you use in your concealed-carry pistol. You could say it's sort of a modern mare's leg (hat tip to Duane Thomas and Mark Pixler for pointing that out), as it were.

Reliability now is far better now than it once was. There has now been a lot more time spent on optimizing gas systems, bolt carriers, buffer springs, and buffer weights. The increase in popularity of sound suppressors has also helped to some degree. One area we have a hard time getting around is the dwell time, or time for the gas to pressurize the gas system before the bullet leaves the muzzle. The short barrels generally result in a shorter dwell time in a shorter gas system which can result in accelerated wear of the internal parts of the gun. Some may view this as a shortcoming, while others may view this as the price of entry.

One factor we can't overlook is cost. At present, it will be \$200 less to build an AR pistol than an equivalent SBR simply by virtue of not having to pay for a tax stamp. Related to this, it is also a less paperwork intensive for those who don't want to deal with the hassle of the paperwork an SBR requires just to build or buy.

If you are fine with the \$200 tax stamp, paperwork, and wait time, an AR pistol can be a good way to enjoy your under-16-inch-barreled upper

while you wait for the paperwork to clear, while remaining legal. I know some of us aren't so good at that whole waiting thing. You may even find you don't like some element of your build and can sort it out by the time the paperwork comes back.

Employing the AR pistol can be done one of two ways, shoulder it (apparently it's legal again as I type this). While shouldering is the simple option if you're using a brace, there is another option. That option is to "cheek" the buffer tube. By that, I mean you place the buffer tube against your cheek at the appropriate position for the eye relief you need for whatever sights you are using. One well-known instructor I've trained with actually shoots



The author's 16" bbl. carbine shown next to his daily carry Maxpedition Kodiak sling bag with the 8.5" bbl. AR pistol stowed inside. Note the buffer tube assembly sticking out.

his carbine this way. This approach may not work quite as well as using an actual stock, but I find it works well enough to make relatively swift hits on targets at 50 yards (or at least swifter than I can manage with irons on a handgun). It was the method I chose in a recent night match that involved a three-gun stage with pepper poppers to be hit with the AR pistol. Is this method as good as having a stock? In my opinion, that is a no. Is it better than just using a traditional pistol? In my experience, that is definitely a yes.

In the end, the AR pistol isn't quite a replacement for the short-barreled rifle or the carbine, but it does solidly occupy a niche smack between that and

the usual handgun. It is a gun for compromise applications. The AR pistol also has the advantage of being able to be set up with significantly more potent cartridges, such as 5.56mm NATO/.223 Remington or .300 BLK, than one would find in their average handgun or can be had in a way that has more compatibility with their standard handgun. This combined with being more portable than a rifle, less expensive and less paperwork intensive than an SBR, having more points of contact than a traditional handgun, and being able to be carried loaded in more places than a rifle make it a viable option for some applications. If you have a need that handguns and carbines don't seem to fulfill, maybe the AR pistol is the right tool for the job.

Cameron's website is boresandblades.com

Dillon's SL 900

Shotshell Loader

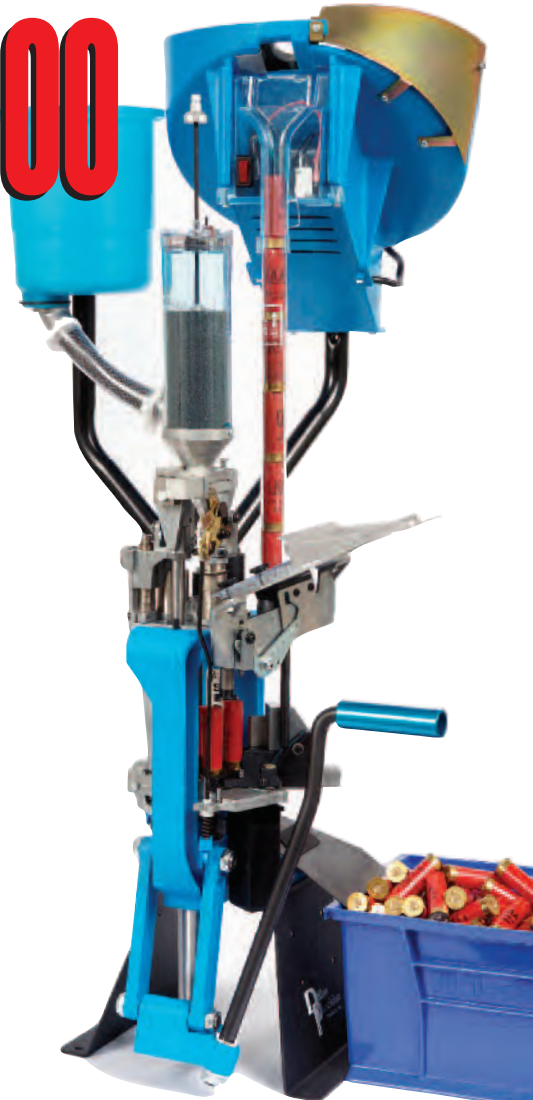
STANDARD FEATURES:

- Automatic Indexing
- Auto Powder/Priming Systems
- Adjustable Case-Activated Shot System
- Factory Adjusted to Load AA Hulls
- Factory Adjusted Loading Dies
- The Original Tilt-Out Wad Guide
- Lifetime "No-B.S." Warranty
- **RISK FREE 30-Day Trial Period!**

All for **ONLY...**
\$1039⁹⁵

\$1274.90 with Casefeeder

12 Gauge N86-97110 20 Gauge N86-97123
 28 Gauge N86-97124 Comes with factory adjusted dies



Total price as pictured here with optional accessories: **\$1363.80**

12 Gauge Casefeeder (pictured)	N86-97037	\$234.95
20/28 Gauge Casefeeder	N86-97036	\$234.95
12 Ga. Euro. 220v Casefeeder	N86-97118	\$244.95
20/28 Ga. Euro. 220v Casefeeder	N86-97125	\$244.95
Aluminum Roller Handle	N86-17950	\$46.95
Low Powder Sensor	N86-16306	\$41.95

A. SL 900 CONVERSIONS

- 12 Gauge Conversion
 N86-20009, \$374.95
- 12 Gauge Casefeed Plate
 (not pictured)
 N86-17811, \$42.95
- 20 Gauge Conversion
 N86-22138, \$374.95
- 28 Gauge Conversion
 N86-22139, \$374.95
- 20/28 Gauge Casefeed Plate
 (not pictured)
 N86-97045, \$42.95
- SL 900 Powder System
 N86-17817, \$80.95



B. SL 900 MACHINE COVER

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

N86-13239, \$39.95

(C.) Master lock
 N86-13083, \$3.95



E. SPARE PARTS KIT

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

D. PACKAGE DEAL

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

N86-22290, \$199.95

- 1 Pawl Spring
 - 1 Ejector Wire
 - 1 Plastic Wad Guide
 - 1 Swing Arm Torsion Spring
 - 1 Primer Transfer Arm
 - 1 12 Gauge Locator Pin
 - 1 Gum Rubber Insert Revision B
 - 1 Shot Fitting E-Clip
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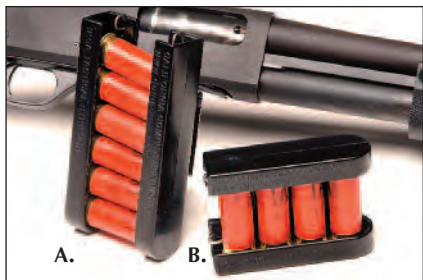


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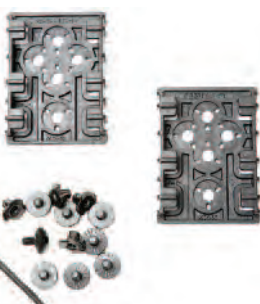
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CLASSIC FIREARMS: The British

By John Marshall

As Britain entered World War II by declaring war on Nazi Germany in 1939, its military was woefully under-equipped with submachine guns. Their only indigenous design was the Lanchester, a wood-stocked 9mm near-copy of the German MP 28 II. The few of these available were both heavy and expensive to manufacture. America helped by providing Thompson submachine guns to their British cousins, but these were not nearly enough to meet demand. The need was evident for a lighter-weight, cheap-to-manufacture 9mm subgun that could compete with the excellent German MP 38s and MP 40s, which were being used in large numbers as the war got underway. In 1941, the first of the Sten guns, the Mark I, was introduced.

The basic gun was developed from the Lanchester at Enfield Arsenal by Reginald V. Shepherd and Harold J. Turpin. The "Sten" name was a combination of the initials of the last names of these two men and the first two letters of Enfield. Because of its crude looks, it quickly acquired such nicknames as the "Stench gun," the "plumbers delight," or the "Woolworth gun" after the "five and dime" company that offered cheap merchandise. As first made, the gun had a wooden fore-end, a flash hider, a combination wood and stamped metal stock, and a wooden folding forward grip. A later version of the Mark I had a tubular steel stock with no wood component. The side-mounted double-column single-feed magazine mimicked the German subgun magazines. The Sten was selective fire, either full-automatic or semiautomatic from an open bolt. It was a simple blowback design with a tubular receiver, utilizing a heavy fixed-firing pin bolt and a spring for breech sealing. Still, it was more elaborate and expensive to manufacture than desired. Some attempts at producing it more economically resulted in the Mark I* (Mark I Star), which dispensed with the flash hider and substituted a stamped steel housing for the wooden fore-end. The wood forward grip was then quickly trashed as being unnecessary.

It was not long before another model of the Sten, the Mark II, was introduced. This further lightened and simplified the design. The operating handle was re-designed. The barrel and barrel jacket were both made shorter, with the barrel jacket only covering about half of the barrel. Several interchangeable butt stocks were used, the most com-

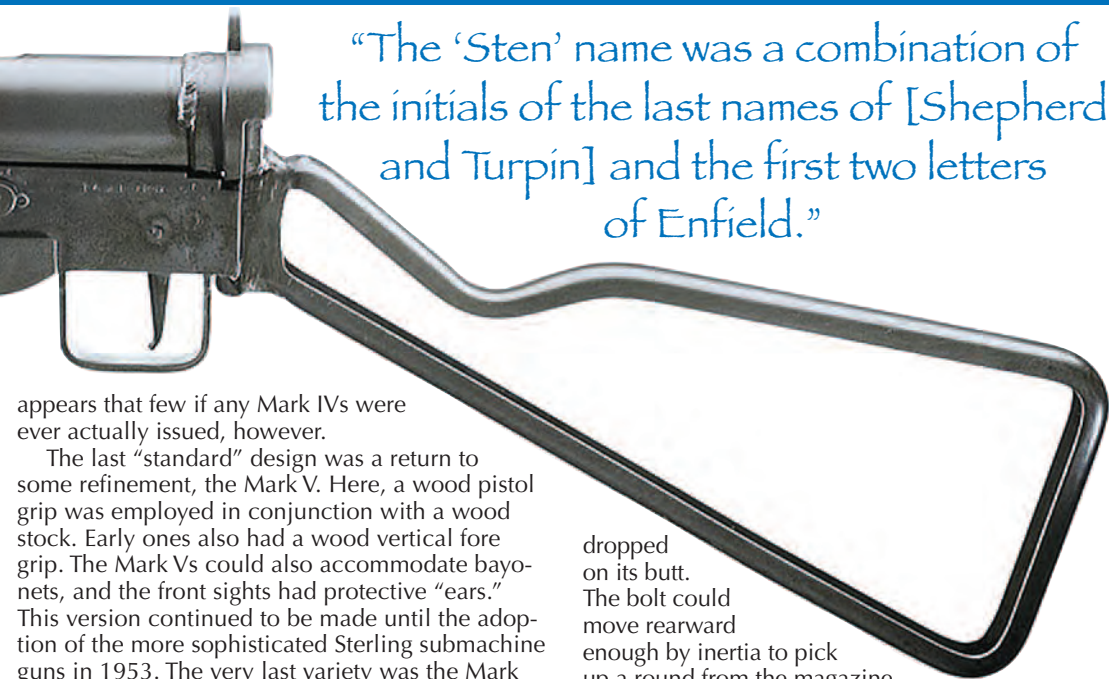


mon types being a metal "outline" version or a tubular type with a flat metal buttplate and a welded-in flat pistol grip with lightening holes. The former type is illustrated with this article on a Mark II. The Mark II also had an innovative feature in that the magazine housing could be rotated around the receiver to serve as a dust cover for the magazine opening and the ejection port. A selector button in the middle of the trigger group could be pushed back and forth laterally to provide for semiautomatic fire when pushed to the right, and automatic fire when pushed to the left. The left of the button was marked "R" for "repetition" and right of the button was marked "A" for "automatic." The sights were fixed, calibrated for 100 yards. While there was no manual safety as such, the bolt could be locked open if the operating handle was lifted and inserted into an L-shaped portion of the handle slot in the receiver. The Mark II Sten became the most commonly used type during World War II, with over two million being produced. Here are its specifications. Caliber: 9mm Parabellum. Overall length: 30 inches. Barrel length: 7.75 inches. Magazine capacity: 32 rounds. Muzzle velocity: 1280 feet per second. Cyclic rate: 540 rounds per minute. Weight: 6.62 pounds.

A Mark II S was produced with a shorter barrel, a sound suppressor, and a lighter bolt with a shorter recoil spring. Since full-auto fire would quickly destroy the "silencer," users were cautioned to use it in semiauto mode only, which would also be quite appropriate for clandestine use.

But wait, there's more! An even cheaper and cruder version of the Sten was made as the Mark III. On this one, the receiver and barrel jacket were made as one long tube, and the magazine housing was welded in place. The barrel was not detachable. This was most certainly a step back in quality, but the manufacturing advantages were obvious. A Mark IV had two sub-models, and only roughly 2,000 were made. Here, the weapon was made into a more compact package. These had very short barrels and flash hidings, and were designed for use by Special Forces. The Model A had the trigger close to the magazine housing, in conjunction with a pistol grip. The Model B had the more conventional trigger placement. The cocking handle could be used to lock the bolt in the forward position. It

British Sten Submachine Gun



“The ‘Sten’ name was a combination of the initials of the last names of [Shepherd and Turpin] and the first two letters of Enfield.”

appears that few if any Mark IVs were ever actually issued, however.

The last “standard” design was a return to some refinement, the Mark V. Here, a wood pistol grip was employed in conjunction with a wood stock. Early ones also had a wood vertical fore grip. The Mark Vs could also accommodate bayonets, and the front sights had protective “ears.” This version continued to be made until the adoption of the more sophisticated Sterling submachine guns in 1953. The very last variety was the Mark VI. This was another short-barreled, suppressed gun. As with the Mark II S, semiauto-only operation was recommended.

The Stens were turned out by the millions from 1941 to 1954, with over four million being made in the ‘40s. Because their manufacture did not require a lot of sophisticated equipment, many parts were subcontracted to smaller companies that didn’t normally make munitions. In the U.K., the primary manufacturers were BSA (Birmingham Small Arms) in Tysely and Shirley, and the Royal Ordnance Factory at Fazakerley. The Sten was also made in Canada at the Long Branch Arsenal, located in Toronto.

There were some shortcomings, most of which revolved around the 32-round magazine, which was configured similarly to the 50-round Lanchester design. Not only was the double-column single-feed arrangement prone to jamming from internal friction when dirty, but it was very hard to load fully without a specially-provided magazine loader. This loader fit on the mouth of the magazine and had a pivoted finger-loop depressing lever; a later one had a simpler curved lever. The magazine for the subsequent Sterling subgun was a great improvement, using a roller-type magazine follower. That magazine was also curved to stack the rounds more uniformly, and it had a two-position feed. These things helped a lot with reliability and ease of loading. A safety problem with the Stens (until the advent of the Mark IV) was that if the bolt was in the forward position with a full magazine, the gun could fire if

dropped on its butt. The bolt could move rearward enough by inertia to pick up a round from the magazine, chamber and fire it. Not good. Early Stens utilized bronze bolts, and the sear projection on these could wear easily, allowing inadvertent full-auto firing during employment. The selector buttons sometimes malfunctioned, resulting in the opposite type of fire than what was desired.

It’s strange that although the Sten was the Brits’ cheaply-made answer to the German MP 38 and MP 40 weapons, late in the war, the Germans also produced about 10,000 crude “last ditch” weapons for the volkssturm that were very similar to the Sten. These MP 3008s mostly differed in that they had bottom-position magazines. With a nod to the Brits, the U.S developed its M3 submachine gun, also designed for lighter weight and economy. Copies and variants of the Sten were produced by many nations, including Australia, where their version was called the Austen. It incorporated fore and aft vertical pistol grips, and was made at the Lithgow Small Arms Factory.

The Sten had a fairly good record in combat, and was prolifically used in both the European and Far East theaters during WWII. British and Canadian troops used them during the D-Day invasion of Normandy. Many were air-dropped to partisans in occupied France during the war, and there are numerous photographs of these arms being used in the liberation of Paris. Stens and Sten copies made around the world have been used in combat by many national and guerilla forces even to the present day. They were milestones in small arms design, and richly deserve to be called classics.

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G-MAN

Stephen Hunter's Gangster Novel

Reviewed by Barrett Tillman

Well, it had to happen. Stephen Hunter, the world's foremost firearms novelist, visits the Depression era of chattering Tommy guns, howling Ford V8s, bullet-riddled bank robberies, and lingering family angst.

Though he received a Pulitzer Prize as a motion-picture critic, Hunter

is best known for his series of well-crafted novels built around former Marine Corps sniper Bob Lee Swagger. After a significant diversion in *I, Ripper*, based on the 1880s Jack the Ripper case, Hunter returns to the 20th century. *G-Man*, to be published this May, is his twenty-first novel, reaching back to the 1930s with Bob Lee's grandfather Charles.

Though Bob's father Earl has been documented (killed in the line of duty), very little was known about Charles, a fact that bothers "Bob the Nailer." In *G-Man* much of the background is revealed, gradually as facts are unearthed – sometimes literally. A buried M1911 provides the clue that unravels a mystery spanning generations.

In 1934 Charles Swagger is an Arkansas sheriff, already a noted gunman for his "Great War" activities and beyond. With the nascent FBI in need of ballistic competence in the Dillinger era, the feds reach out to Charles with an irresistible offer. Melvin Purvis himself – chief of the Chicago office – wants Earl to draft a course and teach gunfighting to local agents.

Certainly the need was growing. Eventually Swagger faces a rogues' gallery of Depression badmen – and women. Besides Dillinger the cast includes Bonnie and Clyde, Pretty Boy Floyd, and Baby Face Nelson. Hunter artfully integrates

Charles into the pursuit and demise of such desperadoes, sometimes covering his historic footprints by crediting his students in official reports.

Charles Swagger's talent for the gun is nearly overwhelmed by his affinity for the bottle – a trait handed down to grandson Bob Lee. In a novel filled with violent conflict and institutional turf

war, Charles' internal battle with himself forms a core element of the suspense. The carefully paced plot leaves us to wonder: will he or won't he defeat Demon Rum?

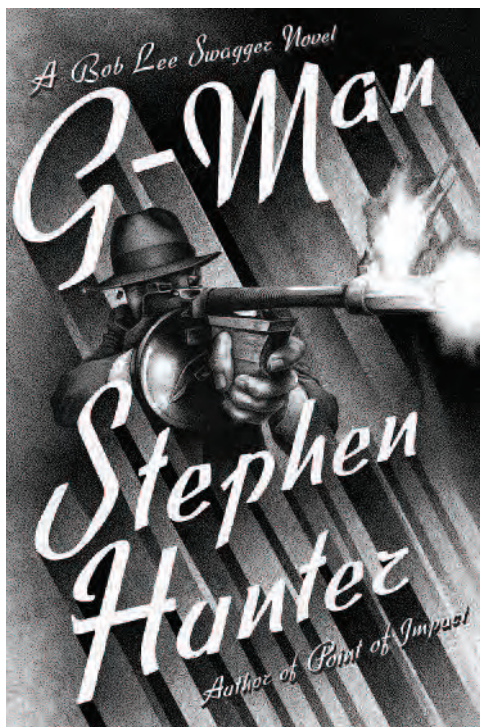
For all the hard-core reputation of the Depression gangsters, *G-Man* addresses each as individuals with their own backstory. Johnny Dillinger is a charismatic leader, Bonnie and Clyde are rubes gone astray, and Baby Face is psychotic.

Hunter fans keep buying his books partly because he is nearly unique among novelists in firearms knowledge and competence. (Several years ago he detoured from a Scottsdale book signing to shoot my Robar QR-2. Once I doped the wind, he got first-round hits on every steel silhouette to 500 meters.) How-

ever, Hunter acknowledges one divergence from fact: he converts Baby Face's .351 Winchester Model 1907 to a Colt Monitor, "...which had to be the coolest full-auto in use in 1934!"

That's Hunter the condensed version. Ever the dedicated Gun Guy, he balances technical knowledge with hands-on ability leading to a thoroughly enjoyable read. His characters are credible, flawed, and often sympathetic regardless of which side of the law (or which side of Right) they may stand.

G-Man is Steve Hunter again at his best. Which is very good indeed.



Shooting Tip: The M



Rick Breneman rapid firing at the 2010 Washington State IDPA Championships. Note one shell casing right above the ejection port, another but a few inches above that, and trigger finger so far forward it's almost touching the inside front of the trigger guard.

By Duane Thomas

It is accepted as a truism by many people that the key to fast and accurate shooting is to hit the trigger reset, i.e. let the trigger return forward between shots no further than required for the mechanism to reset. That's not really true. In this article we will discuss the problems that come with trying to shoot fast by hitting the trigger reset, also I'll tell you a superior technique that actually does work really well in fast shooting.

Before we proceed, let me make it clear that what we're discussing is dealing with a reasonably short, light trigger pull – 1911, GLOCK, SIG P320, the single-action shots on a DA/SA auto, etc. Double-action shooting will not be covered here.

I have written articles on hitting the trigger reset, myself. It's a very useful technique for slow to medium-speed shooting. The problem comes when we take a technique that works well at slow to medium-speed, and then try to make it work at high speed simply by executing the slow/medium technique faster.

When we try to hit the trigger reset at speed, there is a very real tendency to get what we call "trigger freeze." This is a bit of a misnomer since there's really nothing malfunctioning in the trigger mechanism, rather we are trying so hard to be fast, to shorten the amount of forward movement of our trigger finger in pursuit of speed, we actually begin pulling the trigger to the rear again before it's gone far enough forward to reset. This leads to an embarrassing interruption in our string of fire. Also, when we're used to hitting the trigger reset, then we speed

things up, we tend to pull the trigger too hard, with a predictable negative effect on accuracy.

Rob Leatham has said, and I paraphrase:

Teaching people a trigger technique that works for slow- and medium-speed shooting, and then teaching them to use the same technique for shooting fast is like teaching someone to walk, then when the time comes to run, telling them, "Okay, now just walk really, really fast." Because they're two entirely different things. When you're walking, you've always got at least one foot on the ground, and a lot of the time you've got two feet on the ground. When you're running, a lot of the time you have NO feet on the ground.

That's an excellent analogy, because the only way to run is to lose contact with the ground. You cannot run by walking really fast, trying to keep one foot on the ground at all times. Similarly, you cannot shoot fast by constantly keeping your finger on the trigger.

What I am about to tell you will sound counter-intuitive, and contradict what you hear from many other sources, but here it is: the only way you will ever be able to shoot really fast is if you take your index finger off the trigger between shots. When we're trying to control forward movement of the trigger with our index finger, there's a lot of muscular tension in the finger. Tense muscles cannot move fast. Also we wind up slowing forward movement of the trigger because we're actually fighting its return.

Myth of Trigger Reset

Watch Rob Leatham shoot. His index finger comes so far off the trigger between shots it's practically banging off the inside front of the trigger guard. And he's blazingly fast. For myself, I am in hot pursuit of the sub-two second Bill Drill. Felt like I was bashing my head into a brick wall because, using trigger reset, I could only rarely get my splits (shot-to-shot speed) down below .20 second, and frankly there were a lot of .21 to .24 splits in there, as well. Occasionally there might be a .18 or .19, but that didn't happen too often. I was only able to get my splits down consistently into the .18s and .19s after Grand Master Scott Pries told me to take my finger completely off the trigger between shots. That might not sound like a big improvement, but take it from me, there is a world of difference between consistent .18-.19s and consistent .20-.24s.

Not only does taking your finger off the trigger speed up splits because your index finger is more relaxed thus not retarding forward movement of the trigger, it also completely eliminates trigger freeze. Of COURSE your trigger always resets when you take your finger off the trigger between shots; there's nothing there to STOP it from resetting. Let the trigger drive your finger forward. Let it fling your finger off of it.

You will frequently hear the technique we're discussing here called "trigger slapping." I don't like that term since that seems to me to equate to hitting the trigger really hard. I prefer the term "trigger tapping." The key to getting accuracy along with your speed is to tap the trigger not terribly harder than is required to actually break the shot, therefore you won't have a lot of excess energy moving the gun around. In dry fire, practice hitting the trigger rapidly, over and over again, staring out so light you don't even break the trigger. Tap, tap, tap, tap. Make the amount of force you put into the trigger tap incrementally harder. Tap, tap, tap, tap. More. More. Until finally you hit the trigger hard enough to break. Do that procedure several times. Memorize that amount of force. This is how hard you want to be hitting the trigger in rapid fire with live ammo.

Trigger tapping doesn't require a hugely refined, super-light match trigger. Trigger pulls on my carry Glock 17 go 4-1/4 pounds according to my NRA weight set. By the standards of a serious competitor, those are actually fairly heavy trigger pulls. But I have always competed in matches

with my carry gun, so 4-1/4 pounds it is. Honestly does compel me to admit it's easier to get the most from trigger tapping if you are, in fact, tapping a really light trigger. But it can be done with heavier trigger pulls, you just have less margin for error, and have to execute the technique with a higher skill level.

There is a theory going around that installing a New York Trigger module in a Glock speeds up splits because the trigger reset is more powerful. In my experience this is untrue. While you can make trigger tapping work well with a 4-1/4 pound trigger pull, doing it with the 8 to 12 pound trigger pulls and far stiffer "wall" you get with a New York Trigger or New York Trigger Plus (or the equivalent current production NY-1 or NY-2) module is a

"The only way you will ever be able to shoot really fast is if you take your index finger off the trigger between shots."

completely different proposition. Of course, that's my experience. There may well be someone out there in the big wide world burning things down with a New York Trigger in their Glock. I'll believe it when I see it, but I'm not holding my breath.

Like I said before, I know all this "trigger tapping" stuff might sound counter-intuitive, you would think that less index finger movement would necessarily be faster than more index finger movement. In this case it's not really the *amount* of finger movement that's important, it's the *quality* of finger movement. Trigger reset is slow because it requires a tense index finger; trigger tapping is fast because it requires a relaxed index finger. Relaxed muscles can

move faster because they don't have to overcome their own resistance before they can begin to move, and once they do start moving, the movements are far faster and smoother.

Hitting the trigger reset does have its uses. For things like a fast first shot from the draw, long distance shooting, cutting really fine shots as when hitting a target's A-zone when it's mostly covered by a no-shoot target, long target transitions i.e. moving the gun between widely spaced targets and being instantly ready to shoot when the gun gets to the next target, having the trigger pinned up against "the wall" with almost enough force to fire the gun but not quite, then applying that last little bit of force to fire the gun, is king. Trigger reset versus trigger tapping is not a "dump one, completely replace it with the other" proposition. You need to have both techniques in your bag of tricks. But when it comes time to rock 'n' roll, trigger tapping is the way.

Duane's website is Self-Defense-Handguns.com p

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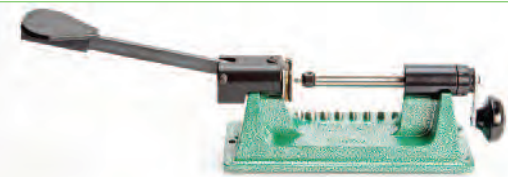
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N86-19495 \$9.95

Arredondo Accessories' Multi-Gun Chamber Flags



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

N86-15485 \$11.95

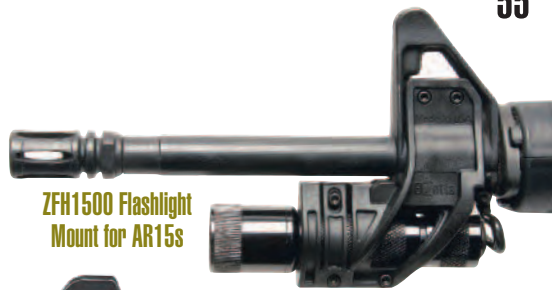
Elzetta

Tactical Flashlight Mounts

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

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

ZFH1500 AR15 Flashlight Mount	N86-12020	\$29.95
ZSM Tactical Shotgun Mount	N86-18050	39.95
ZRX Tactical Flashlight Mount	N86-15487	35.00



ZFH1500 Flashlight Mount for AR15s



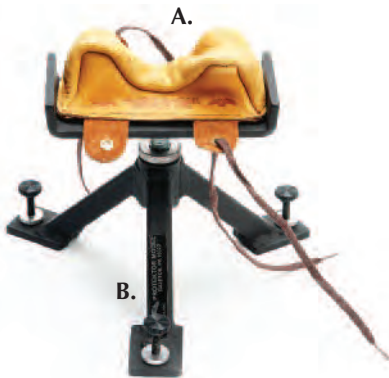
ZSM Tactical Shotgun Flashlight Mount



ZRX Tactical Flashlight Mount

PROTEKTOR MODEL

The Original Leather Sandbag* Rifle Rests



A.



C.

D.

All Protektor Model leather bags are made with the best top grain cowhide available. The welded steel rest is strong enough to stand on and won't break if dropped (Owl Ear Front Bag sold separately).

- A. Front Bag **N86-10880 \$19.95**
- B. Rifle Rest **N86-10883 59.95**
- C. Std. Front Bag **N86-10881 22.95**
- D. Rear Bag **N86-10882 26.95**

*Sand not included.

MILDOT MASTER®
...a direct path to firing solutions.™

1. All angles are true to standard practice of 45° to 90°.
2. Must read from top of scale.
3. Distance in the denominator and point being used for that angle must be right-angled in both or both angles in right triangle.

SCALE: 1000, 2000, 3000, 4000, 5000, 6000, 7000, 8000, 9000, 10000, 11000, 12000, 13000, 14000, 15000, 16000, 17000, 18000, 19000, 20000, 21000, 22000, 23000, 24000, 25000, 26000, 27000, 28000, 29000, 30000, 31000, 32000, 33000, 34000, 35000, 36000, 37000, 38000, 39000, 40000, 41000, 42000, 43000, 44000, 45000, 46000, 47000, 48000, 49000, 50000, 51000, 52000, 53000, 54000, 55000, 56000, 57000, 58000, 59000, 60000, 61000, 62000, 63000, 64000, 65000, 66000, 67000, 68000, 69000, 70000, 71000, 72000, 73000, 74000, 75000, 76000, 77000, 78000, 79000, 80000, 81000, 82000, 83000, 84000, 85000, 86000, 87000, 88000, 89000, 90000, 91000, 92000, 93000, 94000, 95000, 96000, 97000, 98000, 99000, 100000.

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

N86-14762 \$29.95

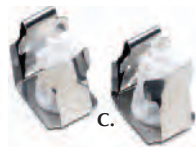
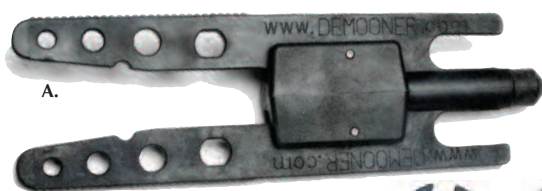
TARGET SPORTS® TACTICAL



This three-piece shooting bag set is an incredible value for the money! The bags are made of durable, water-resistant 600 denier polyester and provide a steady and solid shooting system for long guns and handguns. I filled the ones in the photo with walnut tumbling media and found them to be easy to fill and much lighter to carry than when filled with sand.

N86-15384 \$24.95

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



Inset: Replacement mandrels for Moonload ("B" above). Colors vary according to diameter.

A. Demooner Tool	N86-18169	\$16.95	.590" Repl. MoonLoad Mandrel	N86-33400	8.00
B. MoonLoad/Unload 8-Shot .357	N86-19490	39.95	.596" Repl. MoonLoad Mandrel	N86-33401	8.00
MoonLoad/Unload 6-Shot .45	N86-19489	39.95	.620" Repl. MoonLoad Mandrel	N86-33402	8.00
(Works with #16510 8-shot EDM .38/.357 moon clips on Pg. 57)			.649" Repl. MoonLoad Mandrel	N86-33403	8.00
.483" Repl. MoonLoad Mandrel	N86-33395	8.00	C. 6-Shot Mn. Clip Holder (2 ea.)	N86-18173	17.90
.493" Repl. MoonLoad Mandrel	N86-33396	8.00	D. Blued .45 ACP Mn. Clips (10 ea.)	N86-18183	9.80
.510" Repl. MoonLoad Mandrel	N86-33397	8.00	Stainless .45 ACP Mn. Clips (10 ea.)	N86-18280	10.50
.530" Repl. MoonLoad Mandrel	N86-33398	8.00	E. 10mm Moon Clips (10 ea.)	N86-18184	11.20
.538" Repl. MoonLoad Mandrel	N86-33399	8.00	F. 8-Shot .357 Moon Clips (10 ea.)	N86-19228	19.95

North Mountain Speed Loader Holder

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



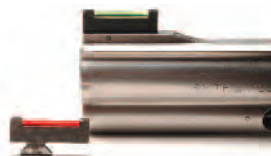
"K-Frame" Model	N86-21900	\$35.00
"L-Frame" Model	N86-21914	\$35.00

TK Custom Moon Clips



Chiappa Rhino 9mm/.40 S&W (10 Pk)	N86-12040	\$65.00
Chiappa Rhino .38/.357 (10 Pk)	N86-12043	65.00
N-Frame 9/.38 ACP 8-Shot (Blue) (10 Pk)	N86-12044	39.95
L-Frame 9/.38 ACP/.40 6-Shot (Blue) (10)	N86-12057	39.95
S&W N-Frame .45 ACP 6-Shot (10 Pk)	N86-12058	19.95
S&W N-Frame .45 ACP EDM 6-Shot (10)	N86-12059	74.95
S&W L-Frame .38/.357 7-Shot (10 Pk)	N86-12065	64.95
S&W L-Frame .38/.357 6-Shot (10 Pk)	N86-12066	64.95
S&W J-Frame .38/.357 5-Shot (5 Pk)	N86-12088	32.50
S&W K-Frame .38/.357 6-Shot (10 Pk)	N86-12090	64.95
S&W N-Frame .38/.357 8-Shot EDM (10)	N86-12091	64.95
N-Fr. .38/.357 8-rd. EDM Starline ONLY (10)	N86-12092	64.95
S&W N-Frame .38/.357 8-Shot (Blue) (10)	N86-12093	39.95

SDM S&W Revolver Front Sights



Pin-In Front Sight - \$28.00		
.250" high, red	N86-18379	
.250" high, green	N86-18380	
.300" high, red	N86-18381	
.300" high, green	N86-18382	
Pin-In Front Sight - \$44.95		
.250" high, Gold Bead	N86-18565	
.300" high, Gold Bead	N86-18566	

"Classic" Slip-In Sight - \$35.00		
.250" high, red	N86-18375	
.250" high, green	N86-18376	
.300" high, red	N86-18377	
.300" high, green	N86-18378	
"Classic" Slip-In Sight - \$44.95		
.250" high, Gold Bead	N86-18567	
.300" high, Gold Bead	N86-18568	

W.C. Wolff Co. Revolver Springs

(Hammer/Trigger Return Springs)		
<i>Ruger GP-100</i>		
N86-11367	\$10.50	
SP-101 N86-12598	9.50	
<i>S&W J Frame</i>		
N86-12189	9.00	
(Mainspring/Rebound Springs)		
<i>S&W K,L,N (standard)</i>		
N86-15073	\$15.00	
<i>S&W K,L,N (reduced power)</i>		
N86-15072	15.00	



Jerry Miculek Competition Grips \$79.95

S&W N-Fr. Rd. Butt	N86-11324
N-Fr. Sq. Butt	N86-11325
K, L-Fr. Rd. Butt	N86-11327
K, L-Fr. Sq. Butt	N86-11326



Apex Tactical Specialties		
S&W J-Frame Duty/Carry Spring Kit	N86-14309	\$25.95
S&W Revolver Frame-Mounted Firing Pin	N86-21888	15.95



Hogue Competition S&W Revolver Thumb Latch	
<i>fits K, L, and N-Frames</i>	
Stainless	N86-19921 \$59.95

Hogue "Big Butt" Grips \$79.95



S&W N-Fr. Rd. Butt	N86-12141
K, L-Fr. Rd. Butt	N86-12140

California Competition Works⁵⁷ .22 LR Speedloader



TUFF PRODUCTS QuickSTRIPS

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

\$8.50 for a package of 2.

.22 LR-Mag./17HM2-HMR (10 rd.)	N86-11737
.32/.327/9mm (8 rd.)	N86-11738
.38/.357/.40/10mm (5 rd.)	N86-11740
.38/.357/.40/10mm (6 rd.)	N86-11741
.38/.357/.40/10mm (7 rd.)	N86-27083
.38/.357/.40/10mm (8 rd.)	N86-11742
.41Mag./45 ACP (6 rd.)	N86-11748
.45 Auto Rim (6 rd.)	N86-11751
.44 Sp.-Mag./45 Colt/.460 S&W/.410 Shotshell (6 rd.)	N86-11750



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

CCW Model 617 Speedloader	N86-12623	\$34.95
Model 617 Speedloader Handle	N86-43385	10.00
CCW .22 LR 120 Rd. Loading Block	N86-12627	49.95
CCW .22 LR 240 Rd. Loading Block	N86-12599	100.00

North Mountain Moon Clip Holder



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

N-Frames & 7-Shot L-Frames **N86-21883** **\$130.00**

Stainless EDM 8-Shot Moon Clips



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

\$59⁹⁵

N86-10510
Sold in Packages of 10
for 8-Shot S&W
627 Revolvers

Safariland Competition Gear for Revolver Enthusiasts



002 "Cup Challenge"	\$69.95
6" S&W K,L,N; Std. bbl.	N86-17788
333 "Speedloader Holder"	\$34.95
S&W K-Frame	N86-12411
S&W L-Frame	N86-13087
"Competition Speedloaders"	\$19.95
S&W K-Frame	N86-13224
S&W L-Frame	N86-13117
Revolver "Speedloaders"	\$11.95
S&W J-Frame (5-Shot)	N86-12405
S&W K-Frame	N86-13104
S&W L-Frame	N86-13074
"Speedloader" Holders	\$9.95
Sm./Med. Fr.	N86-10340
"Speedloader Loading Blocks"	\$24.95
S&W K-Frame	N86-12262
S&W L-Frame	N86-12878

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

58 Performance Parts for Your GLOCK® Firearm



A.

B.

C.

D.



E.

F.

G.

GLOCK® Factory Original Parts:

A. Extended Mag Release (Small Frame)	N86-18569	\$9.95
B. Extended Slide Release	N86-18570	19.95
C. Striker Cups (The ones you always lose.)	N86-19325	4.95
D. Striker Channel Liner	N86-18881	9.95

Wolff Spring Co. Parts for GLOCK firearms:

Competition Spring Set	N86-11524	\$9.95
Trigger Return Spring 3-Pack	N86-11818	7.99
X-Tra Power Trigger Rtn. Spr. 3-Pk.	N86-15558	7.99
Guide Rod, GLOCK 17, 22, 31	N86-11356	24.95
Guide Rod, GLOCK 19, 23	N86-11435	24.95
Guide Rod, GLOCK 20, 21	N86-11352	24.95
Recoil Spring, 12#	N86-11420	7.99
Recoil Spring, 14#	N86-11418	7.99
Recoil Spring, 15#	N86-11419	7.99

Lone Wolf Distributors' Parts for GLOCK firearms:

E. Extended Mag Release (Large Frame)	N86-19115	4.99
F. Extended Take-Down Lever	N86-19114	9.95
G. 3.5# Trigger Stop Connector	N86-16501	14.95
Extended Slide Stop	N86-22299	15.99

BUTTON RIFLED, THREE-STAGE HONED BORE



DESIGNED FOR LEAD, PLATED, OR JACKETED AMMUNITION



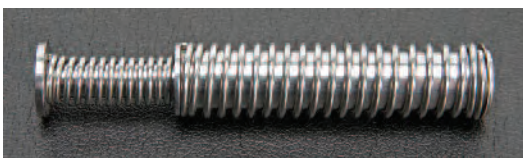
Lone Wolf Distributors' AlfaWolf Replacement Barrels

GLOCK 17 9mm Barrel (Black)	N86-43350	\$139.95
GLOCK 19 9mm Barrel (Black)	N86-43352	139.95
GLOCK 22 .40 S&W Barrel (Black)	N86-43354	139.95
GLOCK 22/31 9mm Conv. Bbl. (Black)	N86-43356	139.95
GLOCK 23 .40 S&W Bbl. (Black)	N86-43358	139.95
GLOCK 23/32 9mm Conv. Bbl. (Black)	N86-43359	139.95
GLOCK 26 9mm Barrel (Black)	N86-43361	139.95
GLOCK 27/33 9mm Conv. Bbl. (Black)	N86-43363	139.95

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

GLOCK 17 9mm 1/2"x28 Bbl. (Black)	N86-43351	159.95
GLOCK 19 9mm 1/2"x28 Bbl. (Black)	N86-43353	159.95
GLOCK 22 .40 S&W 9/16"x24 Bbl. (Blk.)	N86-43355	159.95
GLOCK 22/31 9mm Conv. 1/2"x28 Bbl.	N86-43357	159.95
GLOCK 23/32 9mm Conv. 1/2"x28 Bbl.	N86-43360	159.95
GLOCK 26 1/2"x28 Bbl. (Black)	N86-43362	159.95

All AlfaWolf barrels are proudly made in the USA.



Lone Wolf Gen 4 Polished Guide Rod Assembly

GLOCK 17/34	N86-43370	\$39.95
GLOCK 19	N86-43369	39.95
GLOCK 20/21	N86-43371	39.95
GLOCK 22/31/37	N86-43372	39.95
GLOCK 23	N86-43373	39.95



Lone Wolf Distributors' Ultimate Adjustable Trigger

9mm/.40 Cal. GLOCK	N86-43375	\$74.95
10mm/.45 ACP GLOCK	N86-43376	74.95



Lone Wolf Distributors' Slide-Completion Kit

9mm GLOCK	N86-43367	\$84.95
.40 Cal. GLOCK	N86-43366	84.95
10mm GLOCK	N86-43364	84.95
.45 ACP GLOCK	N86-43365	84.95

Lone Wolf Polymer Magazine Dissassembly Tool

L01-43374 \$12.49



STUL Slide Removal Tool

Fits All GLOCK® Models

Engages the slide lock and provides a mechanical advantage making slide removal easier and faster. For those with large fingers, small fingers, tired fingers, anyone looking for a way to simplify the removal of your GLOCK® slide. N86-19527 \$11.95



California Competition Works 59

Enlarged Magwells for GLOCK® Pistols



GLOCK® 17, 19, 22, 23
GLOCK® 20, 21

N86-12523 \$46.00
N86-12525 46.00

THE PLUG



\$7.95

For Pre-Gen 4 GLOCKS

GLOCK® Models 17,19,20,21,22,23 (fit may vary) N86-18161
Model 21SF N86-19925
Models 26,27,33 N86-10235
Model 30 N86-10648

For Gen 4 GLOCKS w/o Backstrap

Models 17,18,19,22,23,24,25,31,32,34,35 N86-12179
Models 20,21,41 N86-12180
Models 26,27,33 N86-60900
Models 42,43 N86-60899

PEARCE GRIP, INC.



\$9.95

Grip extensions do not alter mag. capacity.

GLOCK® 26/27 N86-10346
G29 (10 rd./)30 (9 rd. opt. mag.) N86-10355
G30 (10 rd. mag. only) N86-10356
Kel-Tec P11/Taurus PT111 N86-18586
Springfield XD (9mm/.40 only) N86-18587
Springfield XD-S N86-15286
Mag. extensions add additional capacity.
GLOCK® 10mm/.45 ACP (+2) N86-18589
G27/33 (+1) N86-18590

GTUL



Cleaning your GLOCK® magazines has never been easier! GTUL has developed an integrated system to disassemble and clean all GLOCK® magazines without marring, gouging, or damaging the metal liner. Quickly removes dirt, dust, powder residue and grime!

Standard Mags N86-20910 \$21.95
Large Mags N86-20911 21.95

GLOCK® Mags

Just What's Listed, While They Last!



G-17 N86-11363 \$39.95
G-19 N86-15806 39.95
G-21 N86-15807 39.95
G-22 N86-11958 39.95
G-23 N86-11960 39.95
33-Rd. 9mm N86-18806 39.95

Arredondo Accessories

+5 Mag Extension

for MagPul

PMAG 17 GL9

L01-33404 \$23.95



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 N86-43287 \$15.95
PMAG 15 GL9 N86-20950 15.95
PMAG 21 GL9 N86-43399 19.95
PMAG 27 GL9 N86-43400 21.95
GL L-PLATE 3-Pack N86-20929 19.95

60 HOGUE®

Laser Enhanced (LE) Grips

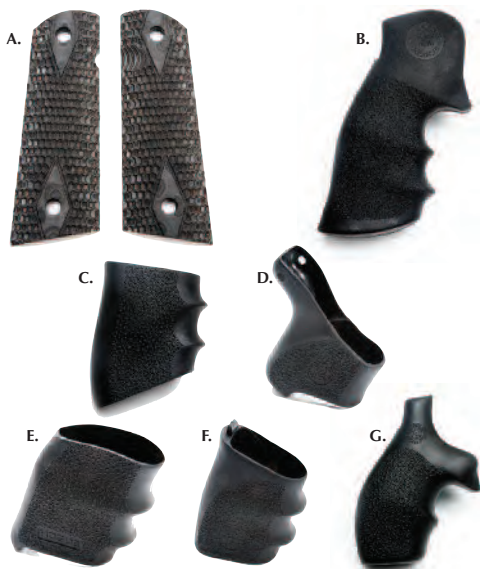
Want immediate gains in your confidence when handling your 1911? Follow the red dot! Hogue's new laser-enhanced grip for your classic 1911 will dramatically improve your accuracy and speed in any defensive or competitive scenario. Designed, engineered and hand-made in America, proudly wearing the Hogue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



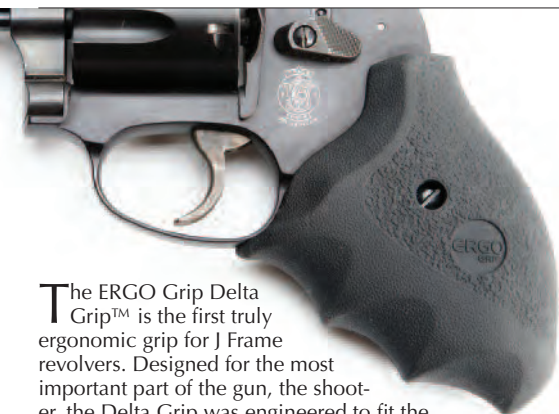
LE 1911 Grip, Black **N86-43243 \$189.95**
 LE J-Frame S&W Grip, Blk. **N86-43244 189.95**



Hogue Rubber OverMolded® AK-47/74 Handguard Kits
 (K.) Standard Russian/Chinese Rifles **N86-14556 \$49.95**
 Yugo-Version Rifles w/Longer Guard **N86-14558 49.95**



Hogue XTREME SERIES G-10 1911 Grips
 (A.) For guns w/S&A-style magwells **N86-14562 \$59.95**
Hogue Square Butt Monogrips
 Colt Python **N86-12138 \$26.95**
 N-Frame Square Butt **N86-12786 26.95**
 N-Frame Round Butt **N86-12145 26.95**
 N-Frame Round Butt **N86-18100 26.95**
Hogue Round Butt Monogrips
 Ruger SP-101 **N86-14833 \$26.95**
 S&W J-Frame Round Butt **N86-12277 26.95**
 K, L-Frame Round Butt **N86-12549 26.95**
The Hogue HANDALL™ Grip Sleeve fits many semi-autos.
 (C.) HandAll **N86-14463 \$9.95**
The Hogue HANDALL™ Hybrid Grip Sleeve
 (D.) Ruger LCP .380 Auto **N86-14477 \$10.95**
 (E.) Springfield XD 9mm/.40 **N86-14478 10.95**
 (F.) Smith & Wesson M&P 9mm/.40 **N86-14479 10.95**
Hogue Bantam Boot Grips
 (G.) S&W J-Frame Round Butt **N86-11054 \$26.95**
 K, L-Frame Round Butt **N86-11055 26.95**
Hogue Hex Head 1911 Grip Screws (Four-screw set).
 Blue **N86-15723 \$8.99**
 Stainless **N86-15722 8.99**



The ERGO Grip Delta Grip™ is the first truly ergonomic grip for J Frame revolvers. Designed for the most important part of the gun, the shooter, the Delta Grip was engineered to fit the natural point of aim and mechanics of the human hand, wrist and arm. The result is a grip with a superior natural point of aim, comfort and control. Fits round butt J-Frames. Will not fit on Smith and Wesson Bodyguard 38 Model (sku 103037 and 103038). **N86-19684 \$19.95**

MAGPUL 1911 Grips



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 **N86-43237 \$19.95**
 Black **N86-43236 19.95**
 Olive Drab Green **N86-43238 19.95**

Powder River Precision, Inc: Perfecting Your XD/XDm



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

X-Treme Grips, XDm 45 (Sand)	N86-15229	\$16.95
X-Treme Grips, XDm 9/40 (Sand)	N86-15230	16.95
X-Treme Grips, XD 45 (Sand)	N86-15231	14.95
X-Treme Grips, XD 9/40 (Sand)	N86-15232	14.95

Powder River Precision's Drop-In Trigger Kits for Springfield XD Pistols will give you a short, crisp trigger pull with a fast reset and shorten the total trigger pull length.

XDm 9/40 Drop-In Trigger Kit	N86-15226	\$125.00
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XDm 45 Drop-In Trigger Kit	N86-15236	125.00
XD 9/40 Drop-In Trigger Kit	N86-15228	125.00
XD 45 Drop-In Trigger Kit	N86-15227	125.00
XD Mod 2 Trigger Kit (4" & 5" only)	N86-33371	125.00
XD-S Trigger Spring Kit	N86-15237	\$19.95

Powder River Precision's Ergonomic Punch Set for the XD/XDm made of hardened 416 stainless steel with hard-molded rubber handles designed to fit comfortably in the palm of your hand.

XD/XDm Punch Set	N86-15233	\$30.00
XD/XDm Striker Retainer Pins	N86-33370	\$12.00

Apex Tactical Specialties Parts



S&W M&P Aluminum Forward-Set Sear & Trigger Kit
N86-77785 \$164.95

S&W M&P Aluminum Flat-Faced, Forward-Set Sear & Trigger Kit
N86-77786 \$169.95



S&W M&P Pistol Sear
M&P 9/40 N86-21889 \$41.95
M&P 45 N86-21892 \$41.95



S&W M&P 9/40 Ultimate Striker Block Kit
N86-21890 \$35.95



S&W M&P 9/40 Competition Spring Kit
N86-21891 \$25.95



S&W SD Polymer Action Enhancement Trigger
N86-77789 \$39.95



S&W SD 9/40 Spring Kit
N86-77787 \$20.95



S&W Sigma Spring Kit
N86-77788 \$20.95



GLOCK Action Enhancement Trigger
N86-77791 \$99.95

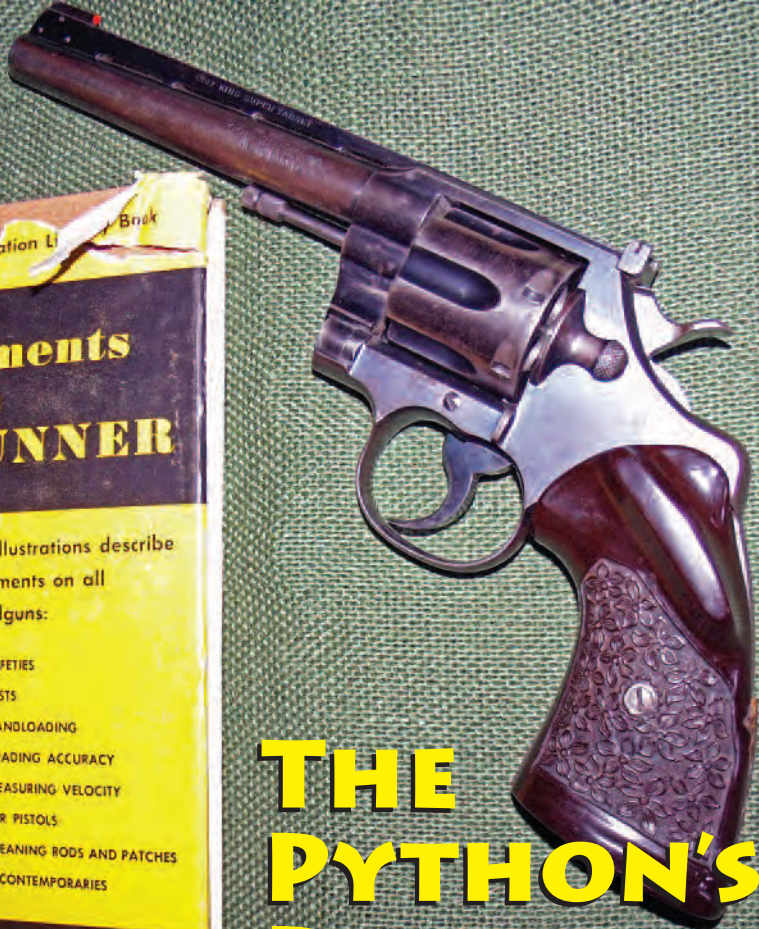
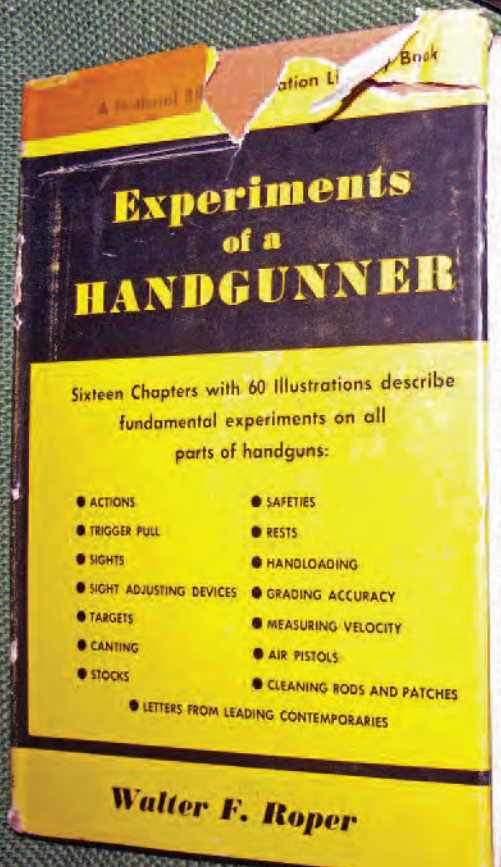


GLOCK Ultimate Safety Plunger
N86-77792 \$17.95



SIG P320 Flat-Faced Action Enhancement Trigger
N86-77790 \$44.95

The Colt Official Police Heavy Barrel Target Revolver with vented rib on a copy of Roper's book.



THE PYTHON'S PAPA

By Seth R. Nadel

Have you ever paused to reflect on the origins of today's firearms? If you do, you know we owe a tremendous debt to the competition shooters of the past, whose "oddball" designs of today become tomorrows standard all-purpose tools. The most obvious in recent times is the move to "carry optics," where the ungainly, ugly, unreliable red-dot sights of 20 years ago are appearing on the guns in the holsters of serious shooters.

I recall seeing them used for the first time in USPSA Nationals, where the shooters would draw, present, and then wave their heads around, trying to find the dot while muttering curses about the very idea of electronics on guns. Today they have evolved into devices with near-infinite battery life, solid enough to be mounted on the slides of hard-kicking handguns, small enough to fit a holstered sidearm, hardy enough to last for years and carried by some for personal protection.

So when did we start putting red front sights on pistols? Who developed wide hammers on revolvers? Why does the Colt Python have a ventilated rib? These elements can all be traced to the

competitive bullseye shooters of the 1930s and 40s, when target shooting with handguns was first formalized. In those days only revolvers were accurate enough – and considered reliable enough – for competitions, and Colt wheelguns ruled the firing lines. In our past, only one hand was used to fire the gun – single action, of course – and the Colts had better trigger pulls. They were compared to the Smith & Wesson "long action" revolvers of the day, and if you get the chance to fire one of those old S&Ws, you will see the "old timers" were right. Of course S&W did not stagnate, but that is another tale.

Once the type and make of handgun was chosen, just like today, competitors looked for every chance to improve the breed. Of course some paths lead only to dead ends, like the concept of lightening the hammers by drilling transverse holes in them. It worked, for a while, until the top shooters learned that the hammers would break off, sometimes during a match!

The photos show one of the most highly advanced revolvers of the day – a "full house competition gun," highly refined with every desir-

able option, a Colt Official Police Heavy Barrel with everything – custom grips, sights, trigger, and hammer – the same things modified by today's competitors, whether they shoot IPSC, IDPA, SASS, or bullseye.

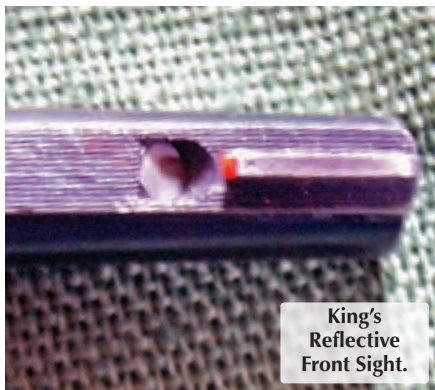
The simplest modification is smoothing the trigger pull. Yesterday's Colts used a "V" mainspring, and inserting a piece of soft leather into the V smoothes and speeds the trigger pull without reducing the spring tension. It is sort of like a "shade tree trigger job."

Covering the mainspring are a pair of Roper plastic grips, named after Walter Roper, their designer. Roper was on the "cutting edge" in his day, and his designs were adopted by the major makers. In spite of being plastic, the grips are non-slip, with their molded-on flower pattern. In fact every pair of Roper grips I have examined all bear this design, which works better than checkering. Sweaty palms do not slip on these plastic grips – so much for modern technology! This grip shape lives on in both the Python and the S&W "Magna" grip.

The grips feature a thumb rest, which became important when timed (20 seconds for 5 rounds) and rapid (10 seconds for 5 rounds) fire entered the course of fire. It improved the grasp of the hand, and placed the thumb in the ideal position to both hold the gun and cock the hammer. Of course the object was to cock the revolver without disturbing the sights, and here shooters made another change. They turned to the Kings Gun Works – the one-stop shop for gunsmithing and parts in those days – for the Kings Cockeyed Hammer! It was "cockeyed" (not even) because the hammer spur is wider on the left side of the hammer than on the right. I guess left-handed shooters were quite rare in those days! The wider spur assisted in the right thumb reaching the hammer in the short time limits. Shooters would just "roll" their thumb off the rest and onto the spur during recoil. A different route taken by some shooters was the Kings "Humpbacked" hammer,

with a continuous curve from the hammer nose to the end of the spur, covered with checkering. But the "cockeyed" hammer was more popular, leading to the wider hammer on the Python (and the Smith & Wesson "Target" hammer).

Kings also provided the vent rib/sight system.



With the skinny barrels then common on handguns, rapid fire could raise heat waves that would distort the sight picture by disturbing the view of the front sight. The Colt/King ventilated rib moved the heat waves to the sides of the line of sight, clearing things up. Its function and tradition were carried on in the Pythons' most distinctive feature.

The rib also carries the sights, including the "new" adjustable rear sight. While it does not have audible or tactile "clicks," it was a major advance – and far ahead of the then-current Smith & Wesson system. S&W sights used two tiny opposing screws – loosen one, and then tighten the other to move the rear sight blade. At least the Kings sight had marks, so you could see if the setting had moved, and how much. This also made things easy when shooting at different distances, indoors at 50 feet, outdoors at 20 (later 25) and 50 yards, if you had written down the adjustments.

The front sight had a number of innovations, starting with the red insert. Today, we all know the benefits of a bright front sight that "draws the eye." Most defensive handguns today have white dots, red inserts, tritium inserts, or red or green plastic "light tubes" for the same purpose.

Kings went a step further, as most of the pistol ranges of the day were either indoors, or had overhead cover. The indoor ranges used incandescent lights, diffused over the firing line, while the overhead cover had the same effect. The "Kings Reflective Front Sight" features a tiny mirror, inset into the rib at an angle. It reflects light onto the front red "bead" from the bottom, equalizing the lighting and making it easier to see. Modern instructors

Continued on Page 69

64 Dillon Ammunition Boxes

Description	Stock #	Each	10 ea.	Case(Qty.)
9mm (50 rd)	N86-13784	\$1.58	\$13.50	\$58.00(50)
9mm (100 rd)	N86-13645	1.81	15.40	66.00(50)
.38/.357 (50 rd)	N86-13476	1.79	14.70	63.00(50)
.38/.357 (100 rd)	N86-13766	2.20	18.80	80.50(50)
.44 (50 rd)	N86-13568	1.79	15.30	65.50(50)
.44 (100 rd)	N86-13680	2.92	24.90	106.50(50)
.45 ACP (50 rd)	N86-13715	1.73	14.70	63.00(50)
.45 ACP (100 rd)	N86-13574	2.83	24.20	103.50(50)
Small Rifle (50 rd)	N86-13740	2.05	17.50	75.00(50)
Medium Rifle (20 rd)	N86-13625	2.05	17.50	120.00(80)
Medium Rifle (50 rd)	N86-13665	2.90	24.70	106.00(50)
Large Rifle (20 rd)	N86-13647	2.01	17.20	73.50(50)
Large Rifle (50 rd)	N86-13231	3.20	27.30	117.00(50)

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

Extra Loading Data Labels, N86-10446, Package of 100, \$6.95



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

Dillon AkroBins

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



- The small bins (the ones we use as Square Deal "B" cartridge bins) are 4-3/4" long x 3-7/16" wide x 2-13/16" deep.
- The RL 550/XL650 cartridge bins are 6-3/4" long x 3-

7/16" wide x 2-13/16" deep.

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

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

Description	Stock #	Each	6 ea.	12 ea.
"Square Deal" Bin	N86-13756	\$2.95	\$15.30	\$24.84
"RL 550/XL 650" Bin	N86-13839	2.95	15.30	24.84
"RL 1050" Bin	N86-13484	6.95	34.92	61.92
"SL 900" Bin	N86-17125	10.50	56.94	106.92

Dillon Utility Boxes

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

Description	Stock #	Each	5 ea.
Small Utility Box	N86-13636	\$2.65	\$10.95
Large Utility Box	N86-17195	5.75	23.95



Berry's Manufacturing Ammo/Storage Boxes

Description	Stock #	Each	10 ea.	50 ea.
.500 S&W (50 rd)	N86-19243	\$2.98	\$22.40	\$97.00
NOTE: .500 S&W Ammo Boxes also fit .223/.243/.308 WSSM				
.454 Casull (50 rd)	N86-19244	2.98	22.40	97.00
.45/70 (50 rd)	N86-19245	3.29	24.20	105.00
7.62 x 54R (50 rd)	N86-19247	3.50	25.50	110.50
.300 Ultra (50 rd)	N86-19246	3.50	25.50	110.50
20 Ga. (25 rd)	N86-19248	2.24	16.80	72.50
12 Ga. (25 rd)	N86-19249	2.24	16.80	72.50
Storage Boxes				
4-3/8" x 2" x 1-5/8"	N86-19250	\$1.12	\$8.40	\$36.50
4-1/2" x 4-1/2" x 1-5/8"	N86-19251	2.32	17.40	75.50
5-1/2" x 2-5/8" x 2-1/2"	N86-19252	2.22	16.70	72.00

Swab-its – A Swab for Every Job! ⁶⁵



No s#!+, there I was...in my office, cleaning my 686 SSR when the boss walks in with that “whisky-tango-foxtrot” look on his face. “Hi,” I said (*thinking fast*), “I’m trying out these Bore-tips before I write the *Blue Press* copy for them. They work GREAT!” The **Bore-tips Swabs** REALLY DO work. What you can’t see under the foam is a plastic jag sized for a tight bore fit which provides for the uniform application of solvents and oils. They work with all standard 8-32 thread cleaning rods, and are tough and reusable.

.22/5.56mm (6 ea.)	N86-15310	\$4.98
.243/6mm (6 ea.)	N86-15311	4.98
.30/7.62mm (6 ea.)	N86-15312	4.98
.357/9mm (6 ea.)	N86-15313	4.98
.40/10mm (5 ea.)	N86-15314	4.98
.45 Caliber (5 ea.)	N86-15315	4.98
20 Gauge (3 ea.)	N86-15326	8.98
12 Gauge (3 ea.)	N86-15325	8.98
Multi Pack: (6) .22/5.56, (6) .30/7.62, (6) .357/9mm, (5) .40/10mm, (5) .45	N86-43312	26.99



Gun-tips® 3” Precision Tip foam swabs are reusable. 24-count value pack. **N86-15345 \$9.99**

Gun-tips®



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

N86-12583 \$9.99

Bore-Whips™



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

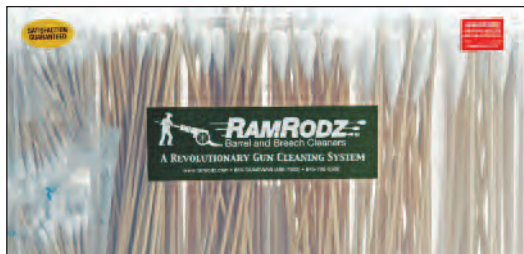
.17 Cal.	N86-12689	\$9.99
.22 Cal. (Pictured)	N86-12690	9.99

Gun-tips®



Gun-tips® foam swabs are reusable and replace cotton swabs. 9-pack **N86-15316 \$4.99**

Ram Rodz Barrel and Breech Cleaners



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.

N86-43293 \$34.95



Ram Rodz Barrel & Breech Cleaners

.22 Caliber/5.56mm, 300 count	N86-43289	\$12.95
.38 Caliber/9mm, 200 count	N86-43290	12.95
.40 Caliber/10mm, 100 count	N86-43291	12.95
.45 Caliber, 75 count	N86-43292	12.95

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

KEEP YOUR GUNS!

(Clean)



Product is color-coded by caliber. White shown here for clarity only.

Bore Snake, the "World's Fastest Gun Bore Cleaner"™ from Michaels of Oregon is a better way to clean handguns, rifles and shotguns. Originally sold as a field tool, this product is popular with gunsmiths and benchrest shooters as well.

.22 cal. Pistol	N86-10426	\$22.95
.357/.38/9mm	N86-10427	22.95
.40 cal. Pistol	N86-10428	22.95
.44/.45 cal. Pistol	N86-10429	22.95
.22 cal. Rifle	N86-10420	22.95
.243 cal. Rifle	N86-10421	22.95
.270/7mm Rifle	N86-10422	22.95
.30 cal. Rifle	N86-10423	22.95
.357/.375 cal. Rifle	N86-10424	22.95
.410/.458	N86-10425	22.95
.50/.54/28 Ga.	N86-10432	22.95
20 Ga. Shotgun	N86-10431	23.95
12 Ga. Shotgun	N86-10430	23.95
37/40mm Launcher	N86-15465	46.95

MIL-COMM

Extreme Performance Lubricants



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

0.5 Oz. Syringe	N86-15732	\$10.99
1.5 Ounces	N86-15731	14.50

J. Dewey Mfg. Co.

Cleaning Patches

<i>Packages of 1000</i>		
.17 cal.	N86-11807	\$12.95
.22-.24	N86-11808	14.95
<i>Packages of 500</i>		
.24-.27	N86-11809	\$11.95
.30-.35	N86-11810	13.95
<i>Packages of 250</i>		
.38-.45	N86-11811	\$11.95
12-16 ga.	N86-11812	13.95

E-Z Brite Wonder Cloth



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

E-Z Brite Cloth	N86-18613	\$6.99
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Otis

Technology, Inc.
Breech-to-Muzzle
Cleaning
System



The Otis Technology, Inc. Breech-to-Muzzle Cleaning System cleans rifles .22 to .50 cal., shotguns .410 bore to 10 gauge and pistols .22 to .45 cal. The system includes three memory-flex rods, three forged brass tips, two obstruction removers, a T-handle, 0.5 ounce solvent, all-caliber patches, a shotgun brush adapter, two patch savers, five bore brushes, a bore reflector and a cleaning guide. Lifetime warranty!

	N86-18174	\$39.95
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M-PRO7

M-PRO7™ Gun Cleaner is odorless, non-toxic and biodegradable. "Safely cleans rifles, handguns, shotguns..., black powder, corrosive priming deposits and much more."

4 oz.	N86-10139	\$11.95
8 oz.	N86-10138	18.95
32 oz.	N86-11298	40.95

M-PRO7™ Copper Remover works up to four times faster than ammonia-based cleaners and is odor free.

4 oz.	N86-19370	\$11.95
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FrogLube

FrogLube is a bio-based cleaner, lubricant and preservative (CLP) product. FrogLube Solvents are designed to quickly attack surface fouling, baked-on or filmed residues and other metallic fouling such as lead and copper, while protecting firearms coatings, paints, wood and other materials from the corrosive effects of petroleum-based, flammable and toxic weapons care products.

4 Oz. Paste	N86-15443	\$10.99
4 Oz. Liquid	N86-15444	17.59



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	N86-15571	\$7.95
Slide-Glide Lite	N86-15572	7.95

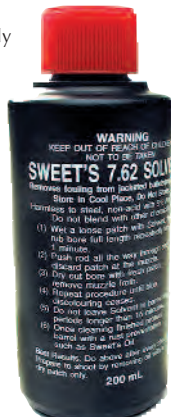


Microlon UltraBlue protects, penetrates and lubricates all surfaces. UltraBlue is in use by the US Army Marksmanship Training Unit, the US Army Pistol and Rifle Teams and the US Marine Corps Pistol and Rifle Teams.

	N86-75125	\$9.95
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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.

	N86-13128	\$12.95
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J. Dewey Manufacturing Co. 67



DEWEY Nylon Coated Cleaning Rods

All Caliber Pistol 6"	N86-15461	\$19.95
(.22-.26 Jag Adapter for All Caliber 6" rod)	N86-19894	3.25
(.22 & up Adapter for All Caliber 6" rod)	N86-19895	3.25
.22-.26 Caliber Pistol 12"	N86-12985	23.95
.17 Caliber Rifle 26"	N86-11472	22.95
.17 Caliber Rifle 36"	N86-11473	25.95
.22-.26 Caliber Rifle 36"	N86-13084	26.95
.22-.26 Caliber Rifle 44"	N86-15462	25.95
(.22-.26 Jag Adapter for Rifle rod)	N86-14542	2.25
.27 Caliber and up Pistol 12"	N86-13021	23.95
.27 Caliber and up Rifle 36"	N86-12991	24.95
.27 Caliber and up Rifle 44"	N86-15463	25.95
.35 Caliber and up Rifle 36"	N86-17096	29.95
.35 Caliber and up Rifle 44"	N86-17097	29.95
(.27 & up Adapter for Rifle rod)	N86-14541	2.25
Shotgun Rod (Uncoated Brass)	N86-10473	24.95
2-pc Shotgun Rod	N86-15464	31.99

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

.22 Caliber Brass Jag	N86-10026	\$2.99
.24 Caliber Brass Jag	N86-10027	2.99
.27 Caliber Brass Jag	N86-10025	2.99
.30 Caliber (and up) Brass Jag	N86-10867	2.99
.38 - .41 Cal. Brass Jag	N86-10028	2.99
.44 - .45 Cal. Brass Jag	N86-10243	2.99

Brass Patch Loop

Accepts most pistol and rifle patches	N86-10737	\$2.25
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.17 Caliber Bore Brushes

.17 Caliber Rifle/Nylon (ea.)	N86-11475	\$1.95
.17 Caliber Rifle/Brz (ea.)	N86-11474	1.95

Nylon Bore Brushes

.22 Caliber Rifle (ea.)	N86-16144	\$1.95
.243 Caliber Rifle (ea.)	N86-16145	1.95
.270 Caliber Rifle (ea.)	N86-16146	1.95
.30 Caliber Rifle (ea.)	N86-16147	1.95
.22 Caliber Pistol (ea.)	N86-16302	1.95
.38 Caliber Pistol (ea.)	N86-16148	1.95
.40 Caliber Pistol (ea.)	N86-16149	1.95
.45 Caliber Pistol (ea.)	N86-16150	1.95

Bronze Bore Brushes

.22 Caliber Rifle	N86-16278	N86-22089
.25 Caliber Rifle	N86-16293	N86-22094

Each/\$1.50 5 pack/\$5.50

.243 Caliber Rifle	N86-16280	N86-22091
.270 Caliber Rifle	N86-16274	N86-22085
.30 Caliber-7.62mm Rifle	N86-16273	N86-22084
.35 Caliber Rifle	N86-16281	N86-22092
.44-.45 Caliber Rifle	N86-16279	N86-22090
.22 Caliber Pistol	N86-16282	N86-22093
.38 Caliber-9mm Pistol	N86-16275	N86-22086
.40-.41 Caliber-10mm Pistol	N86-16276	N86-22087
.44-.45 Caliber Pistol	N86-16277	N86-22088

Cotton Mops

.22-.27 Caliber (ea.)	N86-17089	\$1.95
.30-.38 Caliber (ea.)	N86-17090	1.95
.400-.450 Caliber (ea.)	N86-17091	1.95
16, 12 & 10 Ga. Shotgun (ea.)	N86-17094	1.95

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

Breech Rod Guide	N86-10149	\$20.00
AR-15 Chamber Cleaning Brush	N86-11299	3.50

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

Lug Recess Cleaning Kit	N86-18533	\$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	N86-14196	\$18.95
.243 Caliber - 7mm	N86-14197	18.95
.30 Caliber	N86-14198	18.95
.338 Caliber	N86-14199	18.95

Muzzle Guards

AR-15/M-16	N86-16875	\$10.95
M1-A/M-14	N86-16876	10.95
M1 Garand	N86-16878	10.95
Ruger 10-22 Standard Bbl.	N86-16877	10.95
Ruger 10-22 Bull Barrel	N86-16879	10.95
Brass Muzzle Guard, .30 Cal.	N86-17245	10.95

Nylon Gun Parts Cleaning Brush

Parts cleaning brush	N86-16389	\$2.25
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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. To use, 1) Depress the rear take-down pin and pull out. 2) Pivot the upper and lower receivers apart. 3) Insert the pin on the AR-Link into the upper receiver take-down pin tab. 4) Close receivers with the AR-Link inserted into the lower receiver. 5) Push the take-down pin through the channel in the AR-Link to lock the upper and lower receivers into place. 6) Clean your rifle. 7) To remove AR-Link, reverse the above steps.

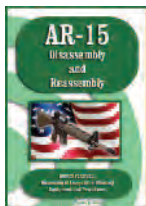


N86-18599 \$14.95

On-Target Productions, Ltd. Videos

On-Target Productions, Ltd.

videos are designed to educate enthusiasts about the selection, proper use, cleaning, disassembly/reassembly, and accessorizing of firearms. On-Target Productions' videos are 100 percent digital quality, focused on the details and are entertaining and educational. Every video features clear, close-up



photography to enhance the instructional narrative from start to finish.

"AK-47"	40090	\$19.95
"AR-15"	40087	19.95
"AR-15 Maintenance & Modifications"	40099	24.99
"Scratch Building an AR-15"	40101	19.95
"1911"	40086	19.95
"GLOCK"	40083	19.95
"M1 Carbine"	40095	19.95
"M1 Garand"	40094	19.95
"Mossberg 500"	40092	19.95

"Remington 870"	40089	19.95
"Ruger Mk. 2"	40091	19.95
"Ruger Mk. 3"	40097	19.95
"Ruger 10/22"	40088	19.95
"Ruger Mini-14"	40096	19.95
"SKS"	40093	19.95
"S&W M&P"	40084	19.95
"S&W Revolvers"	40100	19.95
"Sig Sauer P226"	40098	19.95
"Springfield Armory XD"	40085	19.95

All videos are DVD format.

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

WILSON COMBAT



A.

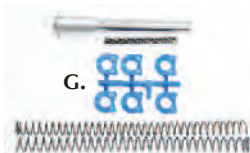
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C.

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E.

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G.



H.



I.

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 **N86-18602 \$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 **N86-12027 \$34.95**

C. ETM (10 rd) 9mm **N86-19463 \$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 **N86-10505 \$32.95**

E. WIL-ROG Mag (8 rd) .45ACP **N86-11714 \$32.95**

F. Officers Match Mag. (7 rd) .45ACP **N86-10506 \$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 **N86-18150 \$37.05**

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

H. SHOK-BUFF Kit (2 buffers, 18.5# recoil spring) Gov't Model **N86-18148 \$5.95**

I. SHOK-BUFF Buffer only (6 ea.) **N86-18147 \$6.95**

WOLFF GUNSPRINGS



Wolff RECOIL SPRINGS

BROWNING HI-POWER

18.5 Pound **N86-11373 \$7.25**

COLT GOVERNMENT MODEL

9 Pound **N86-11719 \$7.25**

10 Pound **N86-12193 7.25**

12 Pound **N86-12007 7.25**

13 Pound **N86-12443 7.25**

14 Pound **N86-12338 7.25**

16 Pound (Std.) **N86-11860 7.25**

17 Pound **N86-12192 7.25**

18.5 Pound **N86-12465 7.25**

20 Pound **N86-12056 7.25**

23 Pound N86-11377 7.25	15 Pound N86-19342 7.98
COLT OFFICERS MODEL	16 Pound N86-19343 7.98
24 Pound N86-12110 \$7.25	17 Pound (Std.) N86-19344 7.98
CZ 75B	SPRINGFIELD 5" 45 XD
9 Pound N86-19348 \$7.98	14 Pound N86-19345 \$7.98
10 Pound N86-19349 7.98	16 Pound N86-19346 7.98
11 Pound N86-19350 7.98	18 Pound N86-19347 7.98
12 Pound N86-19351 7.98	SPRINGFIELD 4.5" 9/40 XDM
13 Pound N86-19352 7.98	14 Pound N86-19336 \$7.98
14 Pound (Std.) N86-19353 7.98	16 Pound N86-19337 7.98
SMITH & WESSON M&P	18 Pound (Std.) N86-19338 7.98
12 Pound N86-19356 \$7.98	Wolff GUIDE RODS
14 Pound N86-19357 7.98	S&W M&P N86-19354 \$24.95
15 Pound N86-19358 7.98	Sp'field XDM 4.5 N86-19355 24.95
16 Pound (Std.) N86-19359 7.98	Wolff HAMMER SPRINGS
SPRINGFIELD 5" 9/40 XD	1911 N86-11511 \$9.00
12 Pound N86-19339 \$7.98	Wolff MAG CATCH SPRINGS
13 Pound N86-19340 7.98	1911 N86-11791 \$9.95
14 Pound N86-19341 7.98	

SPRINGFIELD Magazines/1911 Guide Rod



Springfield XD & XDM Magazines

16-Rd. XD 9mm N86-11586 \$31.95
12-Rd. XD .40 N86-11587 31.95
13-Rd. XD Comp. 9mm N86-11765 29.95
9-Rd. XD Comp. .45 N86-11764 29.95
13-Rd. XD/XDM .45 N86-11585 32.95
19-Rd. XDM 9mm N86-15496 36.95
7-Rd. XD-S 9mm N86-19681 28.95
8-Rd. XD-S 9mm N86-11731 39.95
9-Rd. XD-S 9mm N86-19680 39.95
16-Rd. XDM .40 N86-19971 36.95
5-Rd. XD-S .45 N86-15234 28.95
6-Rd. XD-S .45 N86-11730 39.95
7-Rd. XD-S .45 N86-15235 39.95
Two-Piece 1911 Recoil Spring Guide Rod – Machined from stainless steel. N86-15724 \$24.95

Chip McCormick Custom L.L.C.

Designed to give the pistol shooter the advantage of extra shot capacity and improved performance.

XP 10-Rd. 9mm **N86-43261 \$35.95**

Ext. 9mm Base Pad **N86-43300 \$4.99**

.45 ACP 8-Rd. (Floorplate drilled to accept base pads.) **N86-10311 \$22.95**

.45 ACP 10-Rd. **N86-15025 \$25.95**



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".

N86-01044 \$19.95



MTUL

From the Makers of
GTUL



MTUL is a magazine brush for hi-cap rifles that fits both 5.56 and 7.62 magazines.
N86-13026 \$29.95

Lyman Pick & Brush Set



Lyman's Pick & Brush Set is a must-have item for your cleaning supplies and range bag.
N86-40160 \$3.99

THE PYTHON'S PAPA CONTINUED FROM PAGE 63

know that shooters tend to either shoot "toward" or "away" from a bright light source. With overhead indoor lighting, the mirror eliminates this shaded lighting. The red front sight stays bright and evenly lit under almost all conditions.

Blended onto one gun, the sum of the separate elements is greater than all of its parts. Just like a finely tuned IPSC open gun, this revolver was the very pinnacle of design for its intended use – bulls-eye shooting. As an experiment, I tried shooting my Official Police, which shows the effects of a lot of use over the decades. After a good deal of practice, I could shoot 10 ring groups at 25 yards, a 100-6X, one handed. Four shots blended into one large hole in the X ring, a performance hard to beat with any gun.

A Python can shoot as well, or even better, with a bit less concentration, but also has a useable double action, is in .357 Magnum – widening your ammunition choices, has an underlug to

reduce recoil, and other advantages. In fact, I used a 6" Python to earn my Distinguished Marksman badge in PPC – which would have been much, much harder with the Official Police.

This Official Police can be seen as the direct ancestor of the Colt Python, and the bullseye shooters, using guns like this, drove the evolution of revolvers toward the Python (and the Smith & Wesson "Masterpiece" series). While revolvers have faded from the competition scene, and bullseye shooting has shrunk in participation, this gun shows how the makers do listen, and will produce what we shooters want. With modern production techniques, computer-aided design, and factory shooting teams, the cycle is much faster.

So the next time you see a competitor with some "gee whiz" modification to his or her shooting iron, take a close look. It may become a standard feature sooner than you think!



S&W sights on the left, Colt/King's white outline on the right.

Mec-Gar Pistol Magazines

NEW Plus-2 Adapter, fits mags in red	N86-62207	\$9.95
Beretta 92 18-rd. AFC*	N86-18728	25.95
Beretta 92 20-rd. AFC*	N86-18729	29.95
Beretta 96 .40 15-rd. AFC*	N86-14992	29.95
Browning HP 15-rd. Blue	N86-18730	25.95
1911 8-rd. .45 ACP Blue	N86-43406	25.95
1911 8-rd. .40 S&W Blue	N86-43405	24.95
1911 8-rd. 10mm Blue	N86-43404	24.95
1911 9-rd. 9mm Blue	N86-43403	24.95
1911 10-rd. 9mm Blue	N86-43402	29.95
1911 11-rd. .45 ACP Blue	N86-18732	24.95
CZ-75B 19-rd. AFC*	N86-14989	29.95
Para P-14 14-rd. Blue	N86-18733	23.95
Para P-16 15-rd. Blue	N86-18734	23.95
Para P-18 17-rd. Blue	N86-18735	23.95
Ruger P-Series 9mm 17-rd. Blue	N86-18736	25.95
Ruger P-Series 9mm 20-rd. Blue	N86-18737	29.95
S&W 59 17-rd. Blue	N86-18738	25.95
S&W 59 20-rd. Blue	N86-18739	29.95
SIG Sauer 226 18-rd. AFC*	N86-18740	25.95
SIG Sauer 226 .40 15-rd. AFC*	N86-15020	29.95
SIG Sauer 228 15-rd. Blue	N86-18741	25.95
Springfield XD (not XDM) 9mm 18-rd.	N86-14988	23.99
Springfield XD (not XDM) .40 13-rd. AFC*	N86-14991	29.95
Taurus 92-99 17-rd. Blue	N86-18742	25.95
Taurus 92-99 20-rd. Blue	N86-18743	29.95

*AFC = Anti-Friction Coating

Arredondo Accessories Mag Cleaning Brush



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

N86-19257 \$11.95



Metalform OEM Pistol Magazines

1911 9-rd. 9mm Blue	N86-33327	\$24.95
1911 8-rd. .40 S&W (Springfield) Stainless	N86-33329	19.95
1911 8-rd. 10mm Stainless	N86-33328	24.95

ADCO SUPER **ATHUMB®** 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.

N86-18607 \$8.95

ST2 is for GLOCK and Para-Ordnance magazines.

N86-18608 \$8.95

ST3 handles virtually all centerfire, single-column magazines.

N86-18609 \$8.95

ST22 is for Ruger 10/22 rifles.

N86-18610 \$8.95

STJR is for Ruger, Browning, Colt and High Standard .22 pistols.

N86-18611 \$2.99



Arredondo Accessories Mag Cleaning Brush



California Competition Works' Magazine Storage Sleeves make it easy to organize your pistol magazines. The optional I.D. Tag/Hanger makes it less likely that you'll show up at a match with the WRONG magazines!

Four-Magazine Storage Sleeve

N86-19226 \$14.95

Six-Magazine Storage Sleeve

N86-19227 17.95

Magazine Sleeve I.D. Tag/Hanger

N86-19476 1.95



Ruger's BX-25 magazine for the 10-22.

N86-17915 \$29.95



C-Products 30-Round aluminum M-16/AR-15 magazine.

N86-15593 \$19.95



Metalform 9mm M-16/AR-15 magazines.

10-Rd. **N86-44503 \$31.95**

20-Rd. **N86-44504 34.95**

32-Rd. **N86-49996 29.95**



S&W's M&P 15 25-round .22LR magazine.

N86-44505 \$24.95

[T K] TANDEM KROSS — MAKING GOOD GUNS BETTER ⁷¹



Stainless Steel Hammer Bushing for Ruger Mark III and 22/45 Pistols.

N86-43262 \$9.99



Extended Magazine Bumper for Ruger 22/45 Pistols.

N86-43263 \$7.99



Extended Magazine Release Button for Ruger 22/45 Pistols.

N86-43264 \$24.99



Kel-Tec Sub 2000/SU-16A Steel Front Sight Upgrade.

N86-43267 \$17.99



Kel-Tec Sub 2000/SU-16A Metal Front Sight Adjustment Screws.

N86-43268 \$19.99

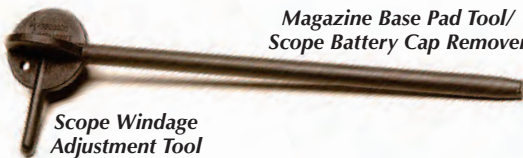


Kel-Tec Sub 2000 Single Point Sling Mount.

N86-11768 \$34.99

Arredondo Multi-Function Squib Rod

*Magazine Base Pad Tool/
Scope Battery Cap Remover*



*Scope Windage
Adjustment Tool*

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

N86-15250 \$12.95

AR15/10 MANUAL BOLT EXTRACTION DEVICE



The U.S. Tool & Design Manual Bolt Extraction Device (MBED) is designed to be used in the event of a malfunction where you need direct access to the bolt carrier group (BCG) and the leverage provided by the charging handle is insufficient. The MBED is used to clear the most common stoppages such as double feed or any stoppage where the cartridge case is stuck in the chamber.

N86-77793 \$45.00

The Larry™ Pocket Work Light



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

N86-15432 \$9.99

The LiL Larry™



LiL Larry™ – The Power Pocket Light packs enough power to take its rightful place as the newest addition to the Larry™ family. LiL Larry is equipped with a 250 lumen C•O•B work light featuring three light modes: high, low and emergency red flash. The anodized aluminum body and recessed LED housing ensures that LiL Larry is ready for any task.

N86-10013 \$19.99



N86-10014
\$6.99

NEBO's Folding Lock-Blade Utility Knife uses a quick-change feature making it easier to change the blade without any tools. Accepts all standard utility blades and incorporates a blade lock system. *Comes in assorted colors with black accents as shown.*

Ammo-Burr Cartridge Deburring Sets

SHAVIV is – and has been – the leader in precision hand-deburring solutions since 1960, and now brings its experience to the ammo-reloading market.

The Ammo-Burr Inner/Outer Cartridge Deburring Sets feature ergonomic comfort-grip handles for fast and accurate hand deburring. The .47" diameter inner chamfering

and deburring blade allows for chamfering and deburring cases from .17 to .45 caliber, and the outer-diameter chamfering blade will accommodate case mouth openings as large as 1.02".

A. Inner Chamfering Starter Set
N86-62270 \$39.95

B. Outer Chamfering Starter Set
N86-62269 \$59.95



KNS Precision, Inc. AR Accessories



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

N86-33390 \$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.

N86-19927 \$9.00



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

N86-33391 \$33.00



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

N86-33392 \$38.00

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.

Viking Tactics Sling for CAR-15

N86-11961 \$34.95

Viking Tactics Sling for FN-FAL/HK-91

N86-11962 40.00



M-14 Bolt Roller Greaser



So THAT's how you grease that little S.O.B. (*Slick-Operating Bolt, that is.*) M-14/M1A Bolt Roller Greaser

N86-18531 \$6.75

Adjustable M1/M1A Gas Systems



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

M1A (Picture) N86-15405 \$59.00

SOCOM M1A N86-15409 59.00

M1 Garand N86-15408 40.00

Sig Sauer Rifle Go Bag

This bag secures to the back of a vehicle seat, and securely holds most carbine-length rifles or shotguns. A pouch at the bottom of the bag secures the buttstock, and a removable muzzle cover keeps debris out of the barrel. The cover flap is secured by three adjustable straps with quick-disconnect clips. **Hurry! These are special-purchase items and when they're gone, they're gone!**



N86-16703
\$36.00

MAGPUL® UNFAIR ADVANTAGE™ 73



MAGPUL 30-Round polymer PMAG 30 GEN M3™ AR/M4 magazines.
N86-43280 \$14.95

Enhanced Self-Leveling AR-15/M16 Mag Follower



MAGPUL's Enhanced Self-Leveling Follower is a drop-in replacement for USGI 30-round magazines. Features a four-way anti-tilt design.
3-Pk. N86-12606 \$6.95

Enhanced Trigger Guard, Aluminum



The MAGPUL Enhanced Trigger Guard™ is a black anodized aluminum drop-in replacement for the AR15/M16 weapons platform. It features a shallow "V" shape for better use of gloves in tactical shooting or cold weather operations. It's non-folding and has rounded edges.

Aluminum Trigger Guard
N86-12611 \$19.95

"Battery Assist Device" for AR-15/M16



Developed from the experience of the MAGPUL Team, the B.A.D. Lever™ is designed to improve the speed and efficiency of the AR-15/M-16 by enabling the shooter to manipulate the bolt catch without moving away from the ready position.

MAGPUL B.A.D. Lever
N86-27058 \$29.95

MAGPUL MAGLINK™



N86-43240
\$17.95



FOR MAGPUL .223/5.56 MAGS ONLY

MAGPUL QD SLING SWIVEL



N86-43239
\$14.95



MAGPUL 30-Round polymer PMAG 30 MAK/AKM MOE® magazine.
N86-43241 \$13.95



MAGPUL 25-Round polymer PMAG 25 LR/SR Gen M3™ Window SR25/M110 magazine.
N86-27080 \$22.95

MAGPUL 20-Round polymer PMAG 20 LR/SR Gen M3™ SR25/M110 magazine.
N86-55007 \$19.95



MAGPUL 10-Round polymer PMAG 10 AR/M4 Gen M3™ magazine.
N86-33393 \$13.95



MAGPUL -5 Round Limiter PMAG 20.
N86-33394 \$13.95 Pkg of 3

J. Dewey Manufacturing Company AR Gas Tubes



J. Dewey AR Gas Tube, Short
AR Gas Tube, Mid-Length
J. Dewey AR Gas Tube, Long

N86-15795 \$9.95
N86-15796 11.95
N86-15800 9.95

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



Dewey's AR-Link Cleaning Pin utilizes the rear take-down pin in your AR-15 style rifle to hold the upper and lower receivers open for cleaning. It fits AR-15s and AR-10s with take-down pins up to .316" in diameter. **N86-18599 \$14.95**

Emergency AR(epair) Kit

Crucial Parts for Your AR-15



The Specialized Dynamics AR-15 Emergency Repair Kit includes: three gas rings, extractor spring, firing pin retaining pin, buffer retaining pin/spring, hammer/trigger pin, take down detent and spring. **N86-19460 \$19.95**

Tac Latch



The Badger Ordnance Tac Latch makes it much easier for you to operate the latch on your AR-15/AR-10 charging handle. It works especially well for "flat-top" rifles equipped with low-mounted optics. **N86-10379 \$18.95**

Jerry Miculek AR-15 Compensator



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

N86-11328 \$49.95

M-16/AR-15 BUTTSTOCK CLEANING KIT



MIL-SPEC Buttstock Cleaning Kit for M16/AR style rifles contains segmented cleaning rod, cleaning brush, bore brush, chamber brush and solvent bottle. Comes in its own carrying case.

N86-15383 \$14.99

ERGO

5-Slot Polymer Rail Mounting Platform



Ergo's 5-Slot Polymer Rail and Rail Cover makes it easy to add attachments to your firearm.

N86-18887 \$4.95

AR-15 Charging Handle



N86-19550 \$19.99

Target Sports® Tactical AR-15 Super Tool



N86-19549 \$24.95

AR-15 Brass Catcher



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

N86-15478 \$14.95

JP Enterprises, Inc.

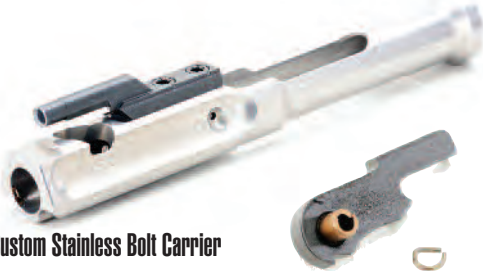
Tactical Performance Gear



JP Enterprises (Competition Only) Low Mass Buffer JPLMB
N86-12585 \$59.95



JP Enterprises .223 JP EnhancedBolt™ Assembly
JPEB-223 SAE3910 Construction
N86-12586 \$124.95



Custom Stainless Bolt Carrier
JPFBC-3 SP Low Mass,
Stainless Finish
N86-12584 \$225.95

JP AR Speed Hammer
JPSH-1A Low Mass Hammer
N86-12617 \$59.95



JP Compensator
JPTRE-2 1/2" x 28 TPI
w/Exit Hole for .223
Matte Black Finish
N86-12614 \$89.95



JP Reduced Power AR Spring Set
N86-12618 \$10.95



JPFC-1 .154 Small Pin
Fire Control Kit w/CD-ROM
Instructional Video
N86-12616 \$119.95



JP Enhanced Reliability,
Reduced Power AR Spring Set
N86-12590 \$10.95



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

N86-11816
\$235.00



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

N86-11819
\$225.00



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. (Sorry, the upper receiver pictured above is NOT included.)
N86-43234 \$59.99

C-MORE SYSTEMS



RTS2R



Railway



Tactical Sight

Built for speed, these High Performance red dot sights will take your shooting ability to the next level. By using a single red dot as an aiming point, target acquisition is as simple as point and shoot. The unique Heads-Up-Display (HUD) design provides an unlimited field of view, while eliminating obstruction and tunnel vision common to tube-style scopes.

C-More Systems RTS2R

6 MOA Black	N86-14518	\$419.00
8 MOA Black	N86-14563	419.00

C-More Systems Railway Sight

Polymer 8 MOA Black	N86-16413	\$249.00
Aluminum 8 MOA Black	N86-14611	299.00

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

Polymer 8 MOA Black	N86-16511	\$259.00
Aluminum 4 MOA Black	N86-14612	309.00

C-More Systems Tactical Sight features an A-2 Style rear aperture sight and mounts to flat-top AR-15s

Polymer 6 MOA Black	N86-11605	\$399.95
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C-More Systems Replacement Modules for Railway/Scout/Tactical Sights

2 MOA Dot Module, Polymer	N86-14620	\$49.00
2 MOA Dot Module, Aluminum	N86-14643	49.00
4 MOA Dot Module, Polymer	N86-16415	49.00
4 MOA Dot Module, Aluminum	N86-14691	49.00
6 MOA Dot Module, Polymer	N86-16416	49.00
6 MOA Dot Module, Aluminum	N86-14696	49.00
8 MOA Dot Module, Polymer	N86-14717	49.00
8 MOA Dot Module, Aluminum	N86-14720	49.00
Railway/Scout/Tactical Battery	N86-17034	5.00
CR2032 Lithium STS/RTS Battery	N86-14721	5.00

5.11 Tactical® ALWAYS BE READY



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"	N86-21599	\$22.95
Medium 32-34"	N86-21600	22.95
Large 36-38"	N86-21601	22.95
X-Large 40-42"	N86-21602	22.95
2X-Large 44-46"	N86-21603	25.95
3X-Large 48-50"	N86-21604	25.95
4X-Large 52-54"	N86-21605	25.95

5.11® 1.5" Trainer Belt & 1.75" Operator Belt

Waist Size	1.5" Trainer	1.75" Operator	
Sm. 28-30"	N86-21613	N86-21606	\$39.99
Med. 32-34"	N86-21614	N86-21607	39.99
Lg. 36-38"	N86-21615	N86-21608	39.99
X-Lg. 40-42"	N86-21626	N86-21609	39.99
2X-Lg. 44-46"	N86-21627	N86-21610	44.99
3X-Lg. 48-50"	N86-21628	N86-21611	44.99
4X-Lg. 52-54"	N86-21670	N86-21612	44.99

5.11 Tactical All Hazards Ammo Mule

Sometimes, you just need more ammo.

The All Hazards Ammo Mule

is lightweight, durable and weather resistant. It features a secure wraparound zipper with a molded pull and measures 10.12" wide x 3.88" deep x 8" high. It'll hold 10 5.56 AR mags or six 25-rd. boxes of shotgun shells.



N86-19661 \$27.99

Bushnell Trophy TRS-25 Ultra Compact Red Dot Sight

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

TRS-25 as pictured w/o riser

N86-11643 \$89.95

TRS-25 with riser

N86-31318 \$119.95



Scout Scope Mounts for AK, SKS Rifles



Scout Scope Mounts provide an extremely stable optics base for your AK, Saiga or SKS rifle and will not shift, vibrate loose or change point of impact as the rifle heats up. Rock solid and easy to install, the two-piece design enables the removal and replacement of your optics without losing zero.

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Pistol-Caliber C

Story and Photos by Robin Taylor,
www.taylorfreelance.com

"Man this is great, you've **got** to try this!"

"PCC is fantastic. I don't know if I'll ever go back to pistol."

If you like shooting an AR, you've got to give this a try. Shooters across the fruited plain are picking up the 9mm AR-15 as a fun-gun, shooting it side-by-side with like-minded pistol shooters in *practical pistol* matches. They got the idea from 3-Gunners at cutting edge matches like the Seekins team event, and now they're running side-by-side with shooters using more-typical GLOCKS, S&Ws and such. Better yet, the PCC rules verge on "anything goes," so shooters are bolting on lasers, dot-scopes, and all manner of helpful contraptions, turning the MSR "Barbie for Men" into a shoulder-fired racing machine.

The competitive organizations that deal with action shooting have all welcomed 9mm carbines in the last year (the US Practical Shooting Association, International Defensive Pistol Association, and Action Shooting International). USPSA is the largest of the three, and just this year launched a full-on "PCC" provisional division, spearheaded by president Mike Foley.

"It's on fire," says Foley. "It's bringing the 3-Gunners like Taran Butler back (who hasn't shot a USPSA-run match in years) and also the older guys who are staying in the game longer because of it."

Compared to shooting a pistol, shooting a

9mm carbine is EASY. Standard carbine mags hold 30+ rounds, so you rarely have to reload. Adding a dot scope to an AR is ridiculously easy, so you don't need a gunsmith. Instead, you can accessorize your carbine to your own specifications – and focus on learning to DRIVE the little rifle as fast as you can go.

I've just returned from USPSA's first "pistol caliber carbine" national championships, where competitors took up the carbine in astonishing

numbers. Their enthusiasm infected everybody. New PCC shooters tended to smile ear-to-ear, almost giggling.

"This is a blast," says Will Jones, one of the competitors I met there in Florida. "It's a great way to get new people started, and for 3-Gunners like me, running USPSA courses gives me a chance to practice my short-range skills."

Practicing close-range rifle is expensive and problematic – and it's tons of fun. Using a 9mm cuts those costs by half, allows the use of steel targets, and lets shooters try the fun stuff (like shooting under a car) they would NEVER get to try in a "square range" environment.

On the practical side, a 9mm carbine doubles as a serious fighting tool. Any LE officer or soldier who trained on an MP5 will back me on that. Compared to a pistol, remember Ramon Rojo in "A Fistful of Dollars"?

"When a man with a .45 meets a man with a rifle, the man with a pistol will be a dead man."

Jeff Cooper used focused competition like this to study equipment and technique related to



Close-up of Match Winner (large photo) Max Leograndis' "customized" Wilson AR-9. The roughness of his rifle shows how raw the sport still is. Leograndis had no sponsors going into the match. He's just a guy who loves to shoot. He and his friends used Dremel tools, arc welders, a lathe and some scrap pipe to create one of the sharpest builds in the match. It's not pretty, but in Max's hands, it can fly.

Carbine Racing?

armed combat in the 1970s. His effort created USPSA/IPSC, and changed handgunning forever. We're seeing the same thing happening here.

TECHNOLOGY EXPLOSION:

New carbine builds are being created, tested, and discarded at an astonishing pace – literally from match to match. I saw registered short-barrel rifles (SBRs), extra red-dot scopes mounted at funny angles, and even pistol-caliber compensators on the line. (Who ever heard of a COMPENSATED 9mm AR-15?)

Some PCC shooters came to the line with guns/parts they'd literally cooked up in their garage. PCC Champion Max Leograndis walked me through the details of his rifle, including the barrel extension made from a piece of scrap pipe. The pipe had been pierced with a bunch of drill holes to reduce weight, then welded to a 9mm compensator – somewhat crudely – and attached to a 10" barrel. The extension sat at an odd angle, looking bent, but it was legally a rifle. "When we got it on there I saw that and was praying 'please don't hit the bullets...'," says Leograndis. The extension and comp are permanently welded to the barrel, so taking it back off would be traumatic.

"Thankfully it's all good."

WAIT, IS THAT A LASER?

Buzz Lightyear's "red light that blinks" has left the building. The Crimson Trace 206 fielded by several of the top shooters looks like a back-up iron sight. When you reach up and touch the side of it, a dot bright enough to cut through the glare of direct Florida sunlight appears on the target. It's weirdly "Star Wars" – but it works.

Nobody uses a laser as a primary sight, but when the need arose to lean around a really difficult corner, shooters with lasers flicked on the beam, hung the rifle outboard of the barrier (without putting it on their shoulder at all) and aimed the green dot.

Weird? Yes.

Effective? Definitely.

You'll see Jon Scoutten doing that when the Shooting USA episode about this match debuts later this year.

THE CRUCIBLE

USPSA shooters that remember Cooper respect the "crucible of competition." They remember the mountains of broken parts and discarded ideas that "made" practical shooting. For years, the semi-auto 9mm AR has been mostly a plinker, a gravel-pit gun, or an understudy to a "real" AR. That's changing now.

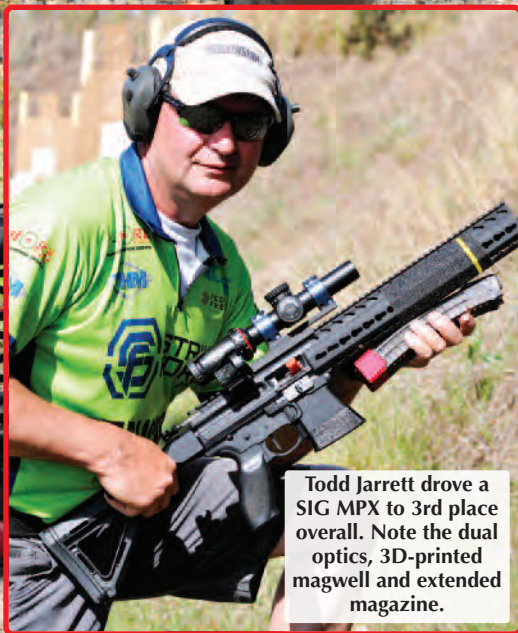


Match Winner Max Leograndis leans around a barricade to engage multiple targets. Note the fired cases in the air.

Will Jones leaps off a platform at the USPSA PCC Nationals.



Josh Froelich drove a JP GMR series rifle to 4th place overall. The Taylor Freelance 41+1 basepad he's using has become the de-facto standard for Glock-magazine fed carbines.



Todd Jarrett drove a SIG MPX to 3rd place overall. Note the dual optics, 3D-printed magwell and extended magazine.

"I've got probably 20,000 on this gun," said Ladies' champion Lena Miculek of her SIG MPX. "I've shot about 50,000..." said fourth overall finisher Josh Froelich about his JP AR.

Over the four-day match I heard and saw tales of shooters shearing scope screws off, breaking cocking handles, breaking trigger kits (especially in the SIG MPX – hint: try a HIPER-FIRE® trigger). Few of these guns were made to shoot 10,000+ rounds in a year, so shooters are rapidly learning what their guns can/can't do.

Right now anything that launches 9mm bullets reliably is competitive locally – and with a little tweaking, might be a game-changer. JP Rifles' GMR series offers the closest thing to a standard "off the shelf" racing carbine that I saw, but the advantages of one design over the other aren't clear. The JP is a blowback, which produces felt recoil comparable to .223 – and it's reliable. The gas-operated SIG MPX uses smaller reciprocating parts (less felt recoil), but it's relatively finicky. Most of the top guys ran blowback guns or MPXs, but the No. 6 guy (Surefire's Alan Elam) shot a 10" barreled HK MP5 (a legally registered SBR). That roller-delayed action is a beast of a different color, beloved by many, and one Americans don't know much about.

MORE BARREL = LESS VELOCITY?

As match winner Leograndis was telling me about his rifle, he mentioned that one of the reasons he shot a 10" barrel was because it was much more powerful than a 14" or 16" gun.

Come again?

Apparently when firing target ammunition (optimized for pistols) there isn't enough gas vol-

ume to make use of a 16" barrel. USPSA's head official Troy McManus uses a standard load to check targets daily – and he chronographs that load every day. His official ammunition makes 50 fps LESS in his 16" carbine than his pistol. The reverse situation happens if you run ammo on the hot end of the scale – like "major" .38 Super. Those cartridges are often loaded to generate *plenty* of gas volume (to better drive a recoil compensator). In a carbine, they can be downright scary, approaching the .357 Maximus! Those kinds of discoveries are happening regularly these days as people explore carbines seriously for the first time.

Thus far shooting a full-length (heavy) rifle isn't the way to go, but super-light carbines aren't all that great either. Dot sights remove the sight radius issues on true SBRs, offering really nimble, fast-moving options – but take that too far, and the SBR carbine becomes "kicky" and a bit TOO nimble, in the same way a lighter-than-normal pistol becomes hard to control.

We're in an era of discovery for the pistol-caliber carbine, and for *Blue Press* readers who love cutting edge "gun stuff," you couldn't ask for a more exciting show. You'll find more information about all this at www.USPSA.org, www.IDPA.org, and www.ASI-USA.org.



Alan Elam drove one of the most fascinating weapons in the match – a semiauto HK MP5 SBR, Elam's roller-delayed HK sported a red-dot sight and recoil compensator. The red boots on the mags were done on a 3D printer, and act like shock absorbers when the mag is dropped. Elam's 6th-place finish showcased how the AR platform isn't as dominant as it might seem.

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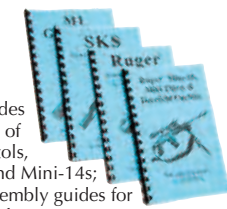
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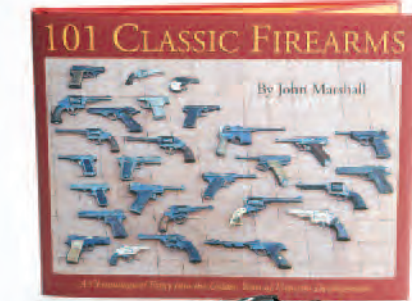
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101 Classic Firearms by John Marshall 83

Dillon Precision announces the release of John Marshall's new book **101 Classic Firearms: A Chronological Foray into the Golden Years of Firearms Development**, a compilation of the author's popular articles appearing in *The Blue Press* since 2007. **101 Classic Firearms** is sure to be a welcome and prized addition to the library of any serious firearms aficionado.

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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. He is also an endowment member of the National Rifle Association.

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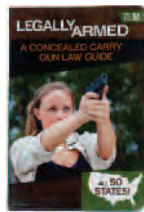
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