## JOIN US IN THE CELEBRATION



Erik Leslie President Magtech Ammunition Company







### United States Inquiries:

#### Magtech Ammunition Co., Inc.

6845 20th Avenue South, Suite 120 Centerville, MN 55038 Toll-Free: 1-800-466-7191 Tel: 1-651-762-8500 Fax: 1-651-429-9485 www.magtechammunition.com

### 2006 is shaping up to be an exciting year at Magtech Ammunition!

For starters, we proudly celebrate 80 years of manufacturing excellence. There has been significant change since those early days in 1926. Today we operate one of the most state-of-the-art ammunition facilities in the world. Committed to delivering "World Class Ammunition" to over 55 countries, we have invested millions of dollars in new, high-tech equipment throughout our factory...ensuring every single round of Magtech ammunition is produced with customer safety and satisfaction in mind. Unlike many competitors, Magtech produces all of our own components. Cases, bullets, primers, and propellants are all produced to tight tolerances and we take pride in controlling the quality at each and every step of the manufacturing process.

In 2006, we also celebrate the unveiling of Magtech's new, highly anticipated website, which is packed with valuable resources. Visit www.magtechammunition.com to take a virtual tour of our vertically integrated manufacturing facility. In addition, navigate through the product section where you can drill-down to the most detailed product data of any website in the industry. There is a safety section for new shooters and we recommend that experienced shooters revisit this section on a regular basis as a reminder of safe gun handling. If you're a competitive shooter take a look at the "Team Magtech" section to find out how to become a new member and receive valuable incentives. If you want to find the nearest Magtech dealer please visit the consumer tab in the "How to Buy" section. We welcome you to enjoy clicking through the site to find many other features like FAQs, Links, Magtech Logo Merchandise, and a fantastic Media Center where media moguls can find the latest product photos, logos, and press releases from Magtech Ammunition.

On behalf of our entire team here at Magtech, we invite each of you to enjoy your next shooting experience with quality Magtech products.

### When you're serious about shooting...aim for Magtech.

Erik Leslie President

### International Inquiries:

### Companhia Brasileira de Cartuchos Av. Humberto de Campos 3220 09426 900 Ribeirao Pires SP Tel: +55 11 2139-8219 Fax: +55 11 2139-8323 Email: export@cbc.com.br www.cbc.com.br

#### **European Inquiries:**

**CBC/Magtech European Office** Waldweg 50 22393 Hamburg Tel/Fax: +49 40 8708-5757 Email: export@cbc.com.br www.magtechammunition.com

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# MAGTECH AMMUNITIO





Magtech continues the tradition of offering superior performance and exceptional value as we proudly introduce the 2006 New Products. As passionate hunters and shooters ourselves, we take pride in offering new centerfire rifle calibers in 223, 308, and 50 BMG that feature quality, dependability, innovation, and value. We also listen to shooters to better understand how, when, and why our products are used. This has lead to the development of the 45 G.A.P., the 40PS, and the .500 S&W Featherweight<sup>®</sup>, featuring reduced recoil. Check out the 2006 new products in the ballistic section located on pages 13-15 or log-on to www.magtechammunition.com and view in-depth product detail.

### INNOVATIVE NEW PRODUCTS, OUTSTANDING QUALITY AND DEPENDABILITY!



## **WANTED: COMPETITIVE SHOOTERS**

To help amateur shooters achieve their highest goals on the competitive shooting circuit, Magtech proudly announces Team Magtech. Team Magtech is focused on highly talented shooters who are working their way through the amateur ranks to become the professional shooters of tomorrow. Within Team Magtech, we also created the Magtech "Gold Team," a Premier Shooters Support Program for a limited number of Master Level professional shooters. The "Gold Team" selection committee will not only review a history of match results, but we will also review personal conduct, including the potential for representing Magtech's quality products when talking to fans and the media. For more information about Team Magtech Rewards, check out our Contingency Program and the entire Team Magtech Program by logging on to www.magtechammunition.com

### **NEW PRODUCTS**



# **80 YEARS OF EXCELLENCE!**

Help us celebrate 80 years of manufacturing excellence. In 1926, we began operations with 20 employees, producing shotgun shells in a simple shed. Today we employee more than 1200 dedicated people and we sell Magtech ammunition in more than 55 countries worldwide. Over the years we have produced billions of rounds of superior performance, small-caliber ammunition for millions of shooters and hunters worldwide. If you haven't tried Magtech products, why not make the switch. Rest assured that no matter what your sport or circumstance, you can always depend on each and every round of Magtech ammunition to perform as promised.



World Champion

Over the years, 11-time International Revolver Speed Shooting Champion, Jerry Miculek, has used some big names in ammunition. However, nothing gives him the performance he demands time after time like Magtech Ammunition.

- 11-Time I.C.O.R.E. Revolver Champion
- 7-Time American Handgunner Revolver Champion
- 4-Time Sportsman Team Challenge Champion
- S&W IDPA Winter Nationals 1st Place Revolver
- Arkansas State IDPA Championships –
- **1st Place Revolver**
- Bianchi Cup 2nd Place National Champion **Iron Site Division**
- Iron Site Division

www.magtechammunition.com

### **TEAM MAGTECH**

MAGTECH - THE CHOICE OF CHAMPIONS!

Jerry Miculek, Team Magtech

Bianchi Cup – 1st Place International Champior

 Bianchi Cup – 1st Place Man vs. Man Shoot-off 1st Place – International Revolver Champion 1st Place Revolver – USPSA Area Three Match • 2nd Place - ESPN .22 Rifle Great Outdoor Games • 1st Place Revolver - USPSA Tri Gun Challenge • 1st Place Revolver – USPSA National Championship

www.magtechammunition.com



## **MAGTECH FIRST DEFENSE®**

LAY DOWN THE LAW WITH AWESOME STOPPING POWER!

"The ammunition that Magtech is producing is the best I've ever used, and I've used a lot of ammunition! You and your company should be very proud."

> - Ronald P. Morton Tactical Range Director, Capitol City Rifle & Pistol Club

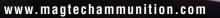
Sometimes you don't get a second chance. Law enforcement personnel know that all too well. That's why we developed Magtech First Defense. What makes Magtech First Defense different from other hollow-point rounds? The answer is simple...weight retention.

Magtech First Defense rounds are designed with a 100% solid copper bullet, unlike traditional hollow points that contain a lead core covered by a copper jacket. Copper jackets could tear away when fired, causing a loss of weight and a corresponding loss of power. However, Magtech First Defense solid copper bullets have no jacket to split or tear away, ensuring every round you fire meets its target with maximum impact and effectiveness. Trust the bullet that delivers deep penetration and devastating expansion...the kind that stops a threat in its tracks.



Thanks to its tremendous stopping power, deep penetration, awesome expansion and dead-on accuracy, Guardian Gold® is fast-becoming a favorite among those seeking reliable, affordable personal protection. Simply put, Guardian Gold gives you the advantage against those who may seek to do harm to you or your family.

Every round of Guardian Gold undergoes an extensive quality control process before it ever leaves the factory. After passing initial inspection, each case is primed with reliable ignition primers, loaded with the finest cleanburning propellants, and assembled with the specified bullet. Only after passing each and every stage is the loaded round approved for final packaging.



9 TACTICALS

"I'm an avid shooter and a great fan of your ammunition...I use it exclusively for target practice and for my home defense rounds. I've never once had a problem with a single round of it and I've shot probably close to 10,000 rounds of it over the past year."

— Ј.В. — J.B. Department of Homeland Security

### **GUARDIAN GOLD®**

### AFFORDABLE PERSONAL PROTECTION THAT PACKS A POWERFUL PUNCH!



"I have shot several thousand rounds of Magtech .40 and .45 caliber ammunition while demonstrating Smith & Wesson products to the law enforcement community as well as competing in both USPSA and IDPA competitions. I have never experienced a defective round thanks to Magtech's high quality and ballistic consistency."

Smith & Wesson Regional Manager (Retired)

John Podergois

HOMPSON

Originally designed to be the ultimate high performance law enforcement and self-defense handgun bullet, the 100% solid copper hollow-point projectile also meets the critical requirement of stopping power for handgun hunting applications. The 100% solid copper bullet features a six-petal hollow-point specifically designed to deliver tight groups, superior expansion, and increased penetration over jacketed lead-core bullets.

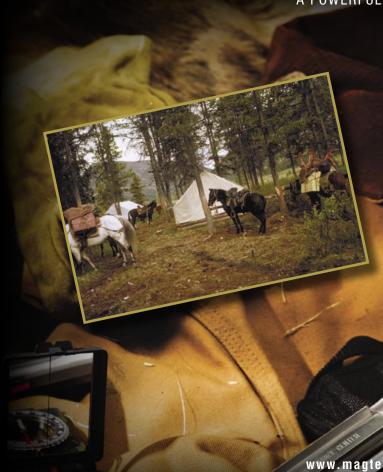
Best of all, the one piece design of the solid copper bullet delivers virtually 100% weight retention, even through some of the toughest bone and tissue structure of your favorite thin skinned, big game animal.

### **SPORT SHOOTING**

MAGTECH PISTOL & REVOLVER AMMUNITION...ABSOLUTLY RELIABLE, TOTALLY AFFORDABLE!

<text>

Reliability. Performance. Value. They're the three commandments when it comes to Sport Shooting. When you pull the trigger, you want results... every time. That's why Magtech pistol and revolver ammunition is ideal for all of your recreational shooting needs. Each cartridge is assembled using only the highest quality components and rigorous quality control is exercised in every stage of the manufacturing process. The result? Affordable, value-packed ammunition that delivers the top-notch performance you demand...round after round.





## HANDGUN HUNTING

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### A POWERFUL HUNTING LOAD THAT STOPS GAME DEAD IN ITS TRACKS!

"I have been testing the Magtech .500 S&W cartridges...and found great accuracy at 60 to 100 yards. These bullets shoot very clean and the shot casings are clean. Most definitely great quality at a great price."

— Chris Millard An avid shooter

www.magtechammunition.com



### LET YOUR TRIGGER FINGER DO THE CLICKING

Welcome to the new, innovative Magtech website at www.magtechammunition.com. In addition to making technologically advanced ammunition products, Magtech is also committed to offering our loyal shooting enthusiasts a technologically advanced website.



#### HOME PAGE HIGHLIGHTS

Informative. Educational. Entertaining. Magtech's "Home Page" is the launching pad to in-depth product knowledge, quick navigation, and up-to-date news and information. If you cannot find what you're looking for on the pull-down navigation bar, use the site search by key word in the upper right corner. There is also a complete site map for your reference located in the "ABOUT" pull-down menu, which will allow quick links to any section.



### **VIRTUAL TOUR**

Enjoy a mini-tour of our huge manufacturing complex and learn more about the advantages of Magtech's vertically integrated manufacturing process, which results in total quality control. Go to "ABOUT-Virtual Tour" and click on one of the buttons in the side bar to start the tour.



#### PRODUCT SEARCH

Whether you are a target shooter or a law enforcement specialist, a cowboy action enthusiast or a hunter, Magtech has an extensive line of loaded ammunition offerings in a wide assortment of calibers, bullet weights, and bullet styles. Go to "PRODUCTS-Magtech Products" and click on a tab in the sidebar to view a category, or click on the "Search by Item" tab to search for complete details on a specific caliber or item.



#### **DEALER LOCATOR**

Magtech High Performance Ammunition is available at America's leading sporting goods retailers, so ask for Magtech ammunition by name. If you are having trouble locating the nearest retail outlet go to "HOW TO BUY-Consumer-Search by Zip Code" and follow the instructions. The results of your search will be matched with a location map for your convenience.





### **CONTACT US**

Our hours are 8:00 AM – 5:00 PM, Central Standard Time, Monday through Friday. If you have questions about Magtech Ammunition, please check the "FAQ's" Section or contact one of the many Magtech departments via phone, fax, mail, or email.



### **MEDIA CENTER**

Whether you need a product photo to accompany an article, or a logo for a company listing, we understand the value of a great image. Choose from a variety of product images, logos, an electronic version of our catalog, and press releases for your reference. To save the artwork, click on the extension you would like to download, and save it to your computer.



### INTERNATIONAL DISTRIBUTOR SEARCH

The real judge of any product brand is its credibility and market acceptability. Due to the high quality, reliability and overall performance, Magtech products are currently sold and specifically requested in more than 55 countries around the world. Browse the complete list of Magtech International Distributors to find the nearest Magtech partner in your world region.



### **GUN SAFETY AND EDUCATION**

Owning a gun is a serious responsibility. Using guns safely and keeping them out of the hands of individuals who should not have access to them are the two main priorities of a gun owner. Firearms safety depends on you! For detailed safety information from industry experts, click on one of the safety sections in the right sidebar.



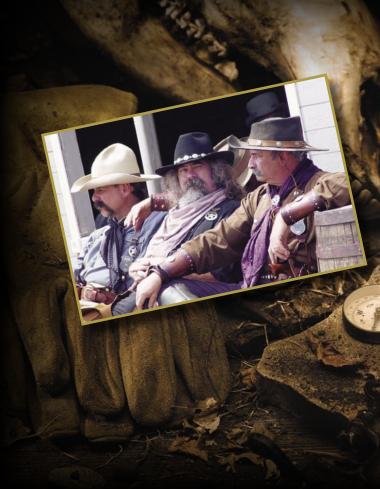
### JOIN TEAM MAGTECH

To help amateur shooters achieve their highest goals on the competitive shooting circuit, Magtech proudly announces Team Magtech. Team Magtech is focused on highly talented shooters who are working their way through the amateur ranks to become the professional shooters of tomorrow. Within Team Magtech, we also created the Magtech "Gold Team," a Premier Shooters Support Program for a limited number of Master Level professional shooters that excel in competition and sportsmanship.



Magtech CleanRange<sup>®</sup> loads are specially designed to eliminate airborne lead and the need for lead retrieval at indoor ranges. That means an overall cleaner shooting environment and lower maintenance costs for trap owners, as well as cleaner guns and brass casings for shooters. CleanRange ammunition was developed using a state-of-the-art combination of high-tech, leadfree primers and specially designed Fully Encapsulated Bullets. This unique mix of components eliminates lead and heavy metal exposure at the firing point. No more lead in the air!

Many range owners and dedicated shooters have already made the switch to Magtech CleanRange... isn't it about time you considered doing the same? You'll get cleaner guns and a cleaner shooting environment...all without cleaning out your wallet!



### **CLEANRANGE**<sup>®</sup>

### WHEN YOU WANT TO KEEP IT CLEAN AT THE RANGE!

"The last 4,000 rounds through my CZ 75BD have been your 9mm, 124grain, FMJ. There's not been one single failure to fire or extract, and I haven't found any brand that's more accurate! Not surprisingly, it has performed equally well in my new CZ P-01."

"Thanks for supplying such an excellent product."

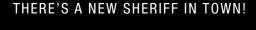
Part of the allure of Cowboy Action Shooting is the chance to step into the past...to experience life the way it used to be when two six-guns and a pair of quick hands were a cowboy's best friends. Magtech "Old West" Cowboy Action Loads were developed specifically for people like you...Cowboy Action Shooting enthusiasts who know how the West was won and never miss a chance to prove it.

"Old West" loads are more than just authentic, they PERFORM! These flat-nose bullets deliver reliable knockdown power that puts steel targets down on the first shot. Superior components and construction assure trouble-free performance in both single action revolvers and lever action rifles. The best part? Magtech "Old West" loads are affordably priced, giving you the ability to shoot up the town without shooting your budget.

"Thank you very much for the information and your quick response. I always expect a quick and informative response such as yours but am all too often disappointed. It is companies like Magtech and nice folks like you that restore and affirm my optimism!"

— Dennis M Loyal customer

## **COWBOY ACTION**





"I've been reloading, casting, and swaging for 44 years...the (Magtech) accuracy is quite a bit better than anything I have been able to get with the wide variety of bullets and cases."

> - Phil L. Custom reloader

SMALL PISTOL & REVOLVER PRIMERS

TON

**RELOADING COMPONENTS** 

YOUR FIRST CHOICE FOR AFFORDABLE, HIGH QUALITY RELOADING COMPONENTS!

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Avid. Dedicated. Knowledgeable. Are there more accurate words to describe reloading enthusiasts? We don't think so. You know your stuff, and you know good components when you hold them in your hand. Primers, unprimed shotshell brass cases, and unprimed brass cases and bullets...all made to the same exacting standards as our technologically advanced factory loads.

Whether you reload for the challenge of creating the "perfect load," for the authenticity of cowboy shooting, or just to save a little dough, Magtech components are your choice for quality you can depend on, at a price you can afford! Next time you're out loading up on supplies, lay your hands on some Magtech components...we think you'll be pleased.

	PRIMERS			
Symbol	Description	RDS/ BOX	BOX/ Case	RDS/ Case
PR-SP	Small Pistol Primer	100	50	5,000
PR-LP	Large Pistol Primer	100	50	5,000
PR-SPM	Small Magnum Pistol Primer	100	50	5,000
PR-SR	Small Rifle Primer	100	50	5,000
PR-LR	Large Rifle Primer	100	50	5,000
PR-SPCR	Small Pistol Primer - CleanRange®	100	50	5,000
SBP56	Berdan Primer #56 (Packed in Can)	100	200	20,000

	<b>UNPRIMED BR</b>	ASS		
Symbol	Description	RDS/ BAG	BAGS/ CASE	RDS/ Case
BR25	.25 Auto Unprimed Cases	100	10	1,000
BR32A	.32 Auto Unprimed Cases	100	10	1,000
BR32SW	.32 S&W Unprimed Cases	100	10	1,000
BR32SWL	.32 S&W Long Unprimed Cases	100	10	1,000
BR357	.357 Mag Unprimed Cases	100	10	1,000
BR38A	.38 SPL Unprimed Cases	100	10	1,000
BR38S	.38 Super Auto Unprimed Cases	100	10	1,000
BR380	.380 Auto Unprimed Cases	100	10	1,000
BR40SW	.40 S&W Unprimed Cases	100	10	1,000
BR44M	.44 Mag Unprimed Cases	100	10	1,000
BR4440B	.44-40 Win Unprimed Cases	100	10	1,000
BR45A	.45 Auto Unprimed Cases	100	10	1,000
BR45C	.45 Colt Unprimed Cases	100	10	1,000
BR9	9mm Luger Unprimed Cases	100	10	1,000
BR454	.454 CASULL Unprimed Cases	100	10	1,000
BR500	.500 S&W Unprimed Cases	100	10	1,000
BR50	.50 (12.7 x 99mm) Unprimed Cases	25	10	250

	<b>UNPRIMED SH</b>	OTSHE	LL B	RASS	
Symbol	Description	Primer Used	RDS/ BOX	BOX/ Case	RDS/ Case
SBR12	12 GA Brass Shotshell	LP	25	10	250
SBR16	16 GA Brass Shotshell	LP	25	10	250
SBR20	20 GA Brass Shotshell	LP	25	10	250
SBR24	24 GA Brass Shotshell	LP	25	10	250
SBR28	28 GA Brass Shotshell	LP	25	10	250
SBR32	32 GA Brass Shotshell	LP	25	10	250
SBR36	36 (.410") GA Brass Shotshell	LP	25	10	250
SBR9.1	9.1 GA Brass Shotshell	LP	36	10	360



	BULLETS   Symbol Description RDS/ BAG BAGS/ CASE RDS/ CASE														
	Symbol	Description	RDS/ BAG	BAGS/ Case	RDS/ Case										
	BU25A	.25 Auto 50 FMJ	100	10	1,000										
	BU32A	.32 Auto 71 FMJ	100	10	1,000										
	BU32SWLA	.32 S&W Long 98 LRN	100	10	1,000										
	BU32SWLB	.32 S&W Long 98 LWC	100	10	1,000										
	BU357A	.357 Mag 158 SJSP	100	10	1,000										
	BU357B	.357 Mag 158 SJHP	100	10	1,000										
	BU357C	.357 Mag 158 LSWC	100	10	1,000										
$\mathbf{k}$	BU357SC	.357 Mag 95 SCHP	100	10	1,000										
	BU380A	.380 Auto 95 FMJ	100	10	1,000										
	BU380B	.380 Auto 95 JHP	100	10	1,000										
	BU380C	.380 Auto 85 JHP Gold	100	10	1,000										
$\mathbf{\mathbf{x}}$	BU380SC	.380 Auto 77 SCHP	100	10	1,000										
	BU38A	.38 SPL 158 LRN	100	10	1,000										
	BU38B	.38 SPL 148 LWC	100	10	1,000										
	BU38C	.38 SPL 158 SJSP	100	10	1,000										
	BU38D	.38 SPL 125 SJSP	100	10	1,000										
	BU38L	.38 SPL 158 LFN Cowboy	100	10	1,000										
	BU38M	.38 SPL 125 JHP Gold	100	10	1,000										
	BU38S	.38 Super Auto 130 FMJ	100	10	1,000										
$\mathbf{\mathbf{k}}$	BU38SC	.38 SPL 95 SCHP	100	10	1,000										
	BU40A	.40 S&W 180 JHP	100	10	1,000										
	BU40B	.40 S&W 180 FMJ-Flat	100	10	1,000										
	BU40C	.40 S&W 160 LSWC	100	10	1,000										
	BU40E	.40 S&W 155 JHP Gold	100	10	1,000										
$\mathbf{k}$	BU40SC	.40 S&W 130 SCHP	100	10	1,000										
	BU4440A	.44-40 WIN 200 LFN	100	10	1,000										
	BU4440B	.44-40 WIN 225 LFN Cowboy	100	10	1,000										
	BU44A	.44 Rem Mag 240 SJSP	100	10	1,000										
	BU44B	.44 SPL 240 LFN Cowboy	100	10	1,000										
$\mathbf{k}$	BU44SC	.44 Rem Mag 200 SCHP	100	10	1,000										
	BU45A	.45 Auto 230 FMJ	100	10	1,000										
	BU45B	.45 Auto 230 FMC-SWC	100	10	1,000										
	BU45C	.45 Auto 200 LSWC	100	10	1,000										
	BU45D	.45 Colt 250 LFN	100	10	1,000										
	BU45E	.45 Auto 185 JHP Gold	100	10	1,000										
$\mathbf{k}$	BU45SC	.45 Auto 165 SCHP	100	10	1,000										
	BU9A	9mm Luger 115 FMJ	100	10	1,000										
	BU9B	9mm Luger 124 FMJ	100	10	1,000										
	BU9E	9mm Luger 124 LRN	100	10	1,000										
	BU9F	9mm Luger 95 JSP Flat	100	10	1,000										
	BU9M	9mm Luger 115 JHP Gold	100	10	1,000										
$\mathbf{k}$	BU9SC	9mm Luger 92.6 SCHP	100	10	1,000										
	BU30A	.30 Carbine 110 FMJ	100	10	1,000										
	BU454SC	.454 Casull 225 SCHP	100	10	1,000										
Ł	BU500SC	.500 S&W 275 SCHP	100	10	1,000										

★ = New Calibers

"For details on loading Magtech's Brass Shotshells go to www.circlefly.com. Locate the menu on the left side of the screen and click on Wad Sizing Chart to find all the internal products used in reloading Magtech Brass Shotshells. You can also click on Loading a BP Cartridge to find detailed loading tips. Remember, use a Large Pistol Primer on your new Magtech Brass Shotshells.

Symbol	Caliber	Bi	ullet				Velocity						[	Energy			M	lid-Ran	ge Trajec	tory	Test Barrel Length	
		Style	Wei	ght	Mu	zzle	50 m	50 yd	100 m	100 yd	Mu	zzle	zzle 50 m 50 yd		100 m	100 yd	50 m	50 yd	d   100 m   100 y			
			g	gr	m/s	fps	m/s	fps	m/s	fps	J	ft.lbs	J	ft.lbs	J	ft.lbs	cm	inch	cm	inch	cm	inch
								P	ISTOL	. CAF	RTRID	<b>IGES</b>										
25A	.25 Auto	FMJ	3.24	50	232	760	214	707	199	659	87	64	74	56	64	48	6.1	2.0	26.2	8.7	5.1	2
32A	.32 Auto	FMJ	4.60	71	276	905	259	855	245	810	175	129	154	115	138	103	4.3	1.4	18.5	5.8	10.2	4
32B 32C	.32 Auto .32 Auto	JHP LRN	4.60 4.60	71 71	276 276	905 905	259 259	855 855	245 245	810 810	175 175	129 129	154 154	115 115	138 138	103 103	4.3 4.3	1.4 1.4	18.5 18.5	5.8 5.8	10.2 10.2	4
320 38S	.32 Auto .38 Super Auto+P	FMJ	4.00 8.42	130	370	1,215	332	1,099	306	1,017	576	426	464	348	394	298	4.J 2.5	0.8	11.0	3.6	12.7	- <del>4</del> 5
380A	.380 Auto	FMJ	6.15	95	290	951	261	861	236	781	259	190	209	156	171	128	4.3	1.4	18.0	5.9	9.5	3¾
380B	.380 Auto	JHP	6.15	95	290	951	261	861	236	781	259	190	209	156	171	128	4.3	1.4	18.0	5.9	9.5	3¾
380D 9A	.380 Auto		6.15	95	290 346	951	261	861 1.027	236	781	259	190 330	209 358	156	171 313	128 235	4.3 2.7	1.4	18.0 12.2	5.9 4.0	9.5	3¾ 4
9A 9B	9mm Luger 9mm Luger	FMJ FMJ	7.45 8.03	115 124	338	1,135 1,109	310 308	1,027	290 290	961 971	446 459	339	338	270 292	338	259	3.1	0.9 1.0	12.2	4.0	10.2 10.2	4
9C	9mm Luger	JHP	7.45	115	352	1,155	316	1,047	293	971	462	340	372	280	320	240	2.7	0.9	12.2	3.9	10.2	4
9D	9mm Luger	JSP Flat	6.15	95	410	1,345	356	1,185	317	1,055	517	380	390	295	309	235	2.4	0.8	12.4	3.4	10.2	4
9E	9mm Luger	LRN JSP Flat	8.03	124	338	1,109	308	1,030	290	971	459	339	381	292	338	259	3.1	1.0	12.5	4.1	10.2	4
9F 9G	9mm Luger 9mm Luger	JSP Flat w/o Grooves FMJ Flat Sub	6.15 9.52	95 147	410 302	1,345 990	356 286	1,185 945	317 274	1,085 907	517 434	380 320	390 389	295 292	309 357	235 268	2.4 3.7	0.8 1.2	10.4 14.6	3.4 4.8	10.2 10.2	4
9H	9mm Luger+P+	JHP	7.45	115	405	1,328	358	1,187	325	1,084	611	451	478	360	395	300	1.07	0.3	9.4	3.09	10.2	4
9K	9mm Luger	JHP Sub	9.52	147	302	990	286	945	274	907	434	320	389	292	357	268	3.7	1.2	14.6	4.8	10.2	4
9S	9mm Luger	JSP	8.03 8.02	124	338	1,109	308	1,030	290	971	459	339	381	292	338	259	3.1	1.0	12.5	4.1	10.2	4
921A 921B	9x21mm 9x21mm	FMJ LRN	8.03 8.03	124 124	350 350	1,150 1,150	318 318	1,066 1,066	300 300	1,003 1.003	491 491	364 364	406	313 313	361 361	277 277	2.8 2.8	0.9 0.9	11.7	3.8 3.8	10.2 10.2	4
40A	.40 S&W	JHP	11.66	180	302	990	282	933	268	886	532	390	464	348	419	314	3.7	1.2	14.6	5.0	10.2	4
40B	.40 S&W	FMJ Flat	11.66	180	302	990	282	933	268	886	532	390	464	348	419	314	3.7	1.2	14.6	5.0	10.2	4
40C	.40 S&W	LSWC	10.37	160	355	1,165	325	1,076	297	984	653	484	548	411	457	343	2.7	0.9	11.9	3.9	10.2	4
40D 40G	.40 S&W .40 S&W	JHP FMJ Flat	10.05 10.69	155 165	367 320	1,205 1,050	330 283	1,018 941	307 259	1,096 863	677 547	500 404	547 428	410 325	474 359	357 273	2.4 3.3	0.8 1.2	11.0 12.0	3.6 4.0	10.2 10.2	4
40G 40PS	.40 S&W	FMJ Flat	11.66	180	320	1,050	300	984	286	938	598	404	525	323	477	352	3.9	1.2	15.6	5.3	10.2	4
45GA	.45 G.A.P.	FMJ	14.90	230	255	837	242	800	232	767	484	356	436	326	401	300	4.9	1.6	20.7	6.8	12.7	5
45A	.45 Auto	FMJ	14.90	230	255	837	242	800	232	767	484	356	436	326	401	300	4.9	1.6	20.7	6.8	12.7	5
45B 45C	.45 Auto .45 Auto	FMJ-SWC LSWC	14.90 12.96	230 200	238 290	780 950	218 277	720 910	199 265	660 874	422 545	310 401	354 496	265 368	295 455	222 339	5.5 2.4	1.8 0.8	23.8 11.0	7.8 4.8	12.7 12.7	5 5
100	. 10 / 100	20110	12.00	200	200	000	2.1		IFLE		TRID		100				2.1	0.0	11.0	1.0	12.7	Ŭ
223A	.223 Rem.	FMJ	3.56	55	988	3,241	949	3,125	912	3,012	1,738	1,281	1,605	1,191	1,481	1,106	1.11	0.36	4.84	1.57	61.0	24
30A	30 Carbine	FMJ	7.13	110	607	1,990	549	1,817	495	1,654	1,313	967	1,075	806	875	668	2.2	0.6	18.4	5.7	50.8	20
30B	30 Carbine	SP	7.13		607	1,990	549	1,817	495	1,654	1,313		1,075	806	875	668	2.2	0.6	18.4	5.7	50.8	20
4440A 308A		LFN FMJ	12.96 9.72	200 150	360 860	1,180 2,820	331 833	1,091 2,740	309 807	1,024 2,661	840 3,596	618 2,649	709 3,337	529 2,501	619 3,168	466 2,360	7.5 1.45	3.0 0.47	-3.5 6.17	0 2.01	61 61.0	24 24
000/1	.000 WIN		5.1L	100	000	2,020	000	2,140		OTIN		1	0,007	2,001	0,100	2,000	1.40	0.47	0.17	2.01	01.0	<b>L</b> 7
MP9A	9mm Luger	FMJ	7.45	115	346	1,135	310	1,027	290	961	446	330	358	270	313	235	2.7	0.9	12.2	4.0	10.2	4
MP357A	.357 MAG	SJSP Flat w/nickel	10.24	158	376	1,235	333	1,104	305	1,015	724	535	568	428	476	361	2.4	0.8	10.7	3.5	10.2-V	4-V
MP38A	.38 SPL	LRN	10.24	158	230	755	218	728	209	693	271	200	243	183	224	168	6.2	2.0	24.9	8.3	10.2-V	4-V
MP380A MP40B	.380 Auto .40 S&W	FMJ FMJ Flat	6.15 11.66	95 180	290 302	951 990	261 282	861 933	236 268	781 886	259 532	190 390	209 464	156 348	171 419	128 314	4.3 3.7	1.4 1.2	18.0 14.6	5.9 5.0	9.5 10.2	3¾ 4
MP46B	.40 3&W	FMJ	14.90	230	255	837	242	800	232	767	484	356	404	326	419	300	4.9	1.6	20.7	6.8	12.7	5
							C	OWBO	DY AC	CTION	I CAF	RTRIC	DGES									
4440B	.44-40 WIN	LFN	14.58	225	221	725	214	703	206	681	356	261	333	247	311	232	6.5	2.1	26.9	8.8	10.2	4
44B		LFN	15.55	240	232	761	223	731	214	702	418	310	387	286	356	264	6.2	2.0	25.7	8.4	10.2	4
45D		LFN	16.20	250	232	761	224	735	216	708	436	323	406	301	378	280	6.1	2.0	25.5	8.3	10.2	4
38L 357L	.38 SPL .357 MAG	LFN LFN	10.24 10.24	158 158	244 330	800 1,085	236 312	776 1,031	228 297	753 985	305 558	225 413	285 499	211 373	267 453	199 341	5.3 2.5	1.8 0.8	22.0 11.5	7.2 3.8	10.2-V 10.2-V	4-V 4-V
			للتقد			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		CLEA				<b>TRID</b>										
CR38A	.38 SPL	FEB Flat	10.24	158	230	755	218	723	209	692	271	200	243	183	224	168	6.2	2.0	24.0	8.2	10.2-V	4-V
CR380A	.380 Auto	FEB	6.15	95	290	951	261	861	236	781	259	190	209	157	171	128	4.3	1.4	18.0	5.9	9.5	3¾
CR9A	9mm Luger	FEB	7.45	115	346	1,135	310	1,041	288	973	446	330	358	277	309	242	2.8	0.9	12.2	4.0	10.2	4
CR9B CR40A	ů	FEB FEB Flat	8.03	124 180	338 302	1,109	308	1,030	290 268	971 801	459	338	381	292	338	260	3.1	1.0	12.5	4.1	10.2	4
CR40A CR45A	.40 S&W .45 Auto	FEB Flat FEB	11.66 14.90	180 230	302 255	990 837	282 242	938 800	268 232	891 767	532 484	392 356	463 436	352 326	419 401	318 300	3.7 4.9	1.2 1.6	13.4 20.7	4.5 6.8	10.2 12.7	4 5
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							N	8													1	
6	d Copper	V	ardian G				lacketed I			Semi-Jac				Il Metal Ja			0	ull Meta			Full M	

Symbol	Caliber	B	Bullet				Ve	elocity			Energy							lid-Ranç	Test Barrel Length			
		Style	Wei	ight	Mu	ızzle	50 m	50 yd	100 m	100 yd	Muzzle		50 m	50 yd	100 m	100 yd	50 m	50 yd	100 m	00 m   100 yd		
			g	gr	m/s	fps	m/s	fps	m/s	fps	J	ft.lbs	J	ft.lbs	J	ft.lbs	cm	inch	cm	inch	cm	inch
								RE\	/OLVE	ER CA	RTR	IDGE	S			1			1		1	
32SWA	.32 S&W	LRN	5.50	85	207	680	195	645	187	610	118	87	105	78	96	70	7.6	2.5	36.8	10.5	7.6	3
32SWLA	.32 S&W Long	LRN	6.35	98	215	705	202	670	192	635	147	108	130	98	117	88	7.0	2.3	32.0	10.5	10.2-V	4-V
32SWLB	.32 S&W Long	LWC	6.35	98	208	682	174	579	145	491	137	102	96	73	67	52	7.0	2.3	38.5	12.6	10.2-V	4-V
32SWLC	.32 S&W Long	SJHP	6.35	98	237	778	225	742	214	709	178	132	161	120	146	109	5.6	2.0	25.0	8.0	10.2-V	4-V
38SWA	.38 S&W	LRN	9.45	146	209	686	199	655	190	267	207	152	188	139	170	127	6.9	2.3	29.3	9.6	10.2-V	4-V
38A	.38 SPL	LRN	10.24	158	230	755	218	728	209	693	271	200	243	183	224	168	6.2	2.0	24.9	8.3	10.2-V	4-V
38B	.38 SPL	LWC	9.59	148	216	710	190	634	170	566	224	166	173	132	139	105	7.4	2.4	33.7	10.8	10.2-V	4-V
38C	.38 SPL	SJSP Flat	10.24	158	230	744	218	723	209	692	271	200	243	183	224	168	6.2	2.0	24.0	8.2	10.2-V	4-V
38D	.38 SPL+P	SJSP Flat	8.10	125	286	938	270	891	257	851	331	245	295	220	267	200	4.0	1.3	16.5	5.1	10.2-V	4-V
38E	.38 SPL	SJHP	10.24	158	246	807	237	779	228	753	310	230	287	213	266	199	4.0	1.3	20.4	6.7	10.2-V	4-V
38F	.38 SPL+P	SJHP	8.10	125	286	938	270	891	257	851	331	245	295	220	267	200	4.0	1.3	16.5	5.4	10.2-V	4-V
38G	.38 SPL-Short	LRN	8.10	125	209	686	199	649	189	628	177	130	160	120	145	109	6.2	2.0	29.6	9.7	10.2-V	4-V
38H	.38 SPL+P	SJHP	10.24	158	270	890	258	853	247	879	373	278	340	255	311	231	4.3	1.4	20.2	6.5	10.2-V	4-V
38J	.38 SPL	LSWC	10.24	158	230	755	217	721	207	689	271	200	243	182	224	167	6.1	2.0	25.6	8.4	10.2-V	4-V
38N	.38 SPL+P	SJSP Flat	10.24	158	270	890	235	774	226	746	376	278	283	210	261	196	4.3	1.4	20.2	6.5	10.2-V	4-V
38P	.38 SPL	FMJ Flat	10.24	158	230	755	218	723	209	692	271	200	243	183	224	168	6.2	2.0	24.0	8.2	10.2-V	4-V
38Q	.38 SPL	FMJ Flat	8.10	125	286	938	270	891	257	851	331	245	295	220	267	200	4.0	1.3	16.5	5.4	10.2-V	4-V
38T	.38 SPL	FMJ	8.42	130	244	800	235	773	226	746	251	185	232	172	215	161	4.73	1.5	21.05	6.0	10.2-V	4-V
357A	.357 MAG	SJSP Flat w/ nickel		158	376	1,235	333	1,104	305	1,015	724	535	568	428	476	361	2.4	0.8	10.7	3.5	10.2-V	4-V
357B	.357 MAG	SJHP	10.24	158	376	1,235	333	1,104	305	1,015	724	535	568	428	476	361	2.4	0.8	10.7	3.5	10.2-V	4-V
357C	.357 MAG	LSWC	10.24	158	376	1,235	333	1,104	305	1,015	724	535	568	428	476	361	2.4	0.8	10.7	3.5	10.2-V	4-V
357D	.357 MAG	FMJ Flat	10.24	158	376	1,235	340	1,125	314	1,045	724	535	592	444	507	383	2.4	0.8	8.7	2.7	10.2-V	4-V
357E	.357 MAG	SJSP Flat w/o nickel	10.24	158	376	1,235	333	1,104	305	1,015	724	535	568	428	476	361	2.4	0.8	10.7	3.5	10.2-V	4-V
357Q 44A	.357 MAG .44 REM MAG	FMJ Flat SJSP Flat	8.10 15.55	125	428	1,405	378 326	1,254	341	1,136	742 1.010	548 741	580 828	437 632	470 720	358	1.8	0.6 0.9	8.6	2.8 3.7	10.2-V	4-V 4-V
44A 44C	.44 REM MAG	FMJ Flat	15.55	240 240	360 360	1,180 1,180	326	1,081 1.081	304 304	1,010 1.010	1,010	741	828	632	720	545 545	2.8 2.8	0.9	11.4 11.4	3.7	10.2-V 10.2-V	4-v 4-V
44D	.44 REM MAG	SCHP	12.96	240	395	1,296	352	1,164	304 321	1,010	1,010	741	803	602	668	506	2.0	0.3	9.91	3.2	10.2-V	4-v 4V
454A	.44 NEW WAG	SJSP Flat	16.85	260	548	1,230	480	1,104	420	1,381	2,536	1,871	1,901	1,436	1,430	1,083	1.0	0.72	4.6	1.8	19-V	7.5-V
454B	.454 CASULL	FMJ Flat	16.85	260	548	1,800	480	1,577	420	1,381	2,536	1,871	1,901	1,436	1,430	1,083	1.0	0.4	4.6	1.8	19-V	7.5-V
454C	.454 CASULL	SCHP	14.58	225	500	1,640	431	1,432	375	1.258	1,822	1,344	1,354	1,025	1,025	790	1.42	0.46	6.63	2.13	19	7.5
454D	.454 CASULL	SJSP Flat	15.55	240	540	1,771	466	1,549	403	1,354	2,267	1,672	1,689	1,278	1,264	977	1.22	0.40	5.69	1.82	19	7.5
500A	.500 S&W	SJSP Flat	25.92	400	490	1,608	424	1,408	370	1,242	3,113	2,297	2,330	1,762	1,777	1,370	1.5	0.5	6.7	2.2	25.4	10
500B	.500 S&W	SJSP Flat	21.06	325	549	1,801	456	1,520	381	1,286	3,174	2,341	2,189	1,667	1,526	1,194	1.23	0.40	5.96	1.90	25.4	10
500C	.500 S&W	SCHP	17.82	275	508	1,667	434	1,443	374	1,257	2,299	1,696	1,678	1,272	1,246	964	1.39	0.45	6.55	2.1	25.4	10
500L	.500 S&W	FMJ	21.06	325	420	1,378	349	1,163	291	982	1,858	1,370	1,283	977	892	696	0.95	0.30	4.55	1.50	25.4	10
						M	AGT	ECH F	IRST	DEFE		® CA	RTRI	DGES								
FD9A	9mm Luger	SCHP	6.0	92.6	405	1,330	353	1,173	318	1,062	492	364	375	283	304	232	1.2	0.4	9.1	3.0	10.2	4
FD38A	.38 SPL+P	SCHP	6.16	95	330	1,083	291	965	265	884	335	247	261	197	216	165	3.22	1.05	14.42	4.66	10.2-V	4V
FD380A	.380 Auto	SCHP	4.99	77	335	1,099	284	943	253	845	280	207	201	152	160	122	3.28	1.07	15.15	4.87	9.5	3¾
FD357A	.357 MAG	SCHP	6.16	95	430	1,411	348	1,161	302	1,011	569	420	373	285	281	216	2.02	0.67	10.09	3.22	10.2-V	4V
FD40A	.40 S&W	SCHP	8.42	130	363	1,190	336	1,107	315	1,043	555	409	474	354	417	314	1.8	0.6	10.0	3.3	10.2	4
FD45A	.45 Auto+P	SCHP	10.69	165	335	1,100	312	1,030	294	975	600	443	521	389	463	349	2.5	0.8	11.0	3.6	12.7	5
							G	UARD	IAN G	iold®	<sup>®</sup> Ca	RTRII	DGES									
GG357A	.357 MAG	JHP	8.10	125	420	1,378	353	1,170	307	1,020	714	527	505	381	382	289	1.5	0.5	7.5	2.5	10.2-V	4-V
GG380A	.380 Auto+P	JHP	5.5	85	330	1,082	303	999	282	936	300	221	252	188	219	166	3.1	1.0	13.3	4.3	9.5	3¾
GG38A	.38 SPL+P	JHP	8.10	125	310	1,017	295	971	282	931	389	287	352	262	322	241	3.4	1.1	14.3	4.6	10.2	4
GG9A	9mm Luger+P	JHP	7.45	115	380	1,246	344	1,137	318	1,056	538	397	441	330	377	285	2.4	0.8	10.5	3.4	10.2	4
GG9B	9mm Luger	JHP	8.03	124	334	1,096	304	1,017	286	958	448	331	371	285	328	253	3.1	1.0	12.5	4.1	10.2	4
GG40A	.40 S&W	JHP	10.04	155	367	1,205	338	1,118	317	1,052	677	500	571	430	523	381	2.5	0.8	10.9	3.5	10.2	4
GG40B	.40 S&W	JHP	11.66	180	302	,990	282	938	268	891	532	392	463	352	419	318	3.7	1.2	13.4	4.5	10.2	4
GG45A	.45 Auto+P	JHP	12.0	185	350	1,148	323	1,066	303	1,005	735	540	626	467	551	415	2.7	0.9	11.8	3.8	12.7	5
GG45B	.45 Auto+P	JHP	14.90	230	307	1,007	290	965	279	927	702	518	626	467	580	440	4.0	1.3	12.5	4.0	12.7	5
SCHP = S	Solid Copper Hol	llow Point																				
	w Calibers																					

★ = New Calibers









Semi-Jacketed Soft Point Flat (SJSP-Flat)

Lead Round Nose (LRN)



Jacketed Hollow Point (JHP)

Semi-Jacketed Hollow Point (SJHP)

Full Metal Jacket (FMJ)

Full Metal Jacket Flat (FMJ-Flat)

Full Metal Jacket Semi Wad Cutter (FMJ-SWC)







Lead Wad Cutter (LWC)

