

speer® bullets
catalog 2007

catalog includes:
speer—the leader in innovative bullet technology™
plus cci®—world famous primers

in this catalog:



In 1996, CCI/SPEER became the first U.S. ammunition manufacturer to achieve ISO 9001 certification for quality. All engineering, manufacturing, marketing, quality assurance and service functions continue to routinely undergo ISO audits to maintain this high level of quality accreditation. This distinction means all CCI/SPEER manufacturing processes and procedures continue to meet ISO standards of QUALITY.

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trophy bonded® bear claw®

TROPHY BONDED BEAR CLAW SOFT POINT IS THE ULTIMATE BIG GAME BULLET.

Conceived by big game hunter Jack Carter in 1985, Bear Claw was the bullet of choice for Federal® when it introduced its Premium® rifle ammunition.

The formula for making Bear Claw shows its superiority. Jackets begin as solid rods of gilding metal cut to length. A profiled cavity is precision-formed into one end to hold the core. The core is bonded to the jacket using a proprietary process. Then each bullet is finished with a long, protected point for excellent flight char-

acteristics and to prevent point damage in rifle magazines.

Expanded bullets show the advantages of this attention to detail. The solid copper rear shank resists any deformation to ensure bullet integrity. The soft lead core stays firmly attached to the jacket for incredibly high retained weights - typically 95% or better. The fully annealed jacket opens rapidly and then stops when expansion reaches the solid shank, and bonding keeps the lead attached.

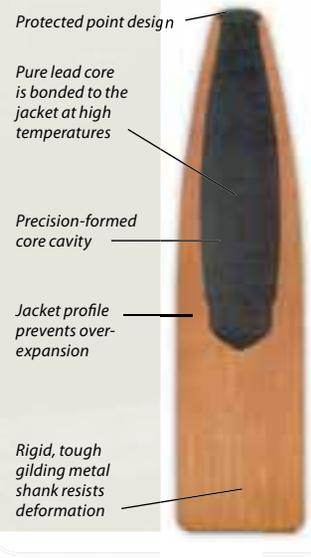
Bear Claw's unique design places the center of mass forward after expansion. This means Bear Claw bullets stay

nose-forward after expansion for maximum penetration and game-getting power.

Trophy Bonded Bear Claw bullets are available in calibers from 22 to 470. Bullets are packed in an attractive and reusable cloth bag within a molded plastic box (25 per box except for 22 caliber, which are 50 per box).



Typical retained weights of 95% or better



trophy bonded® sledgehammer® solid

THE TROPHY BONDED SLEDGEHAMMER. HARD HITTING SOLID BULLET PERFECT FOR LARGE DANGEROUS GAME.

This bonded-bronze, Jack Carter-designed bullet carries a well-deserved reputation for stopping power. The flat nose minimizes deflection for a straight, deep wound cavity in large dangerous game. Speer Trophy Bonded Sledgehammer Solids are available in calibers 375, 416, 458 and 470 Nitro Express.



Flat nose minimizes deflection for a straight, deep wound cavity.



point resists in-magazine deformation under recoil. We add a cannellure to all Grand Slams so you can crimp if desired. The cannellure also provides additional holding power to keep core and jacket together.

Grand Slam has evolved into a highly respected big game bullet, both in North America and on the African plains.

Grand Slam bullets are available in a selection of weights in calibers from 24 to 375.



Grand Slam bullet expansion and weight retention—a winning combination.

See pages 12-13 for part numbers and box count information.

grand slam®

PERFORMANCE-ENHANCED RIFLE BULLETS FOR BIG GAME.

"Cheap gear won't cut it in my camp." That's what many outfitters tell their clients. We agree and feel that your bullet is part of your gear. When the game you seek is at the top end of your rifle's capability, you need a tough bullet. You need Grand Slam.

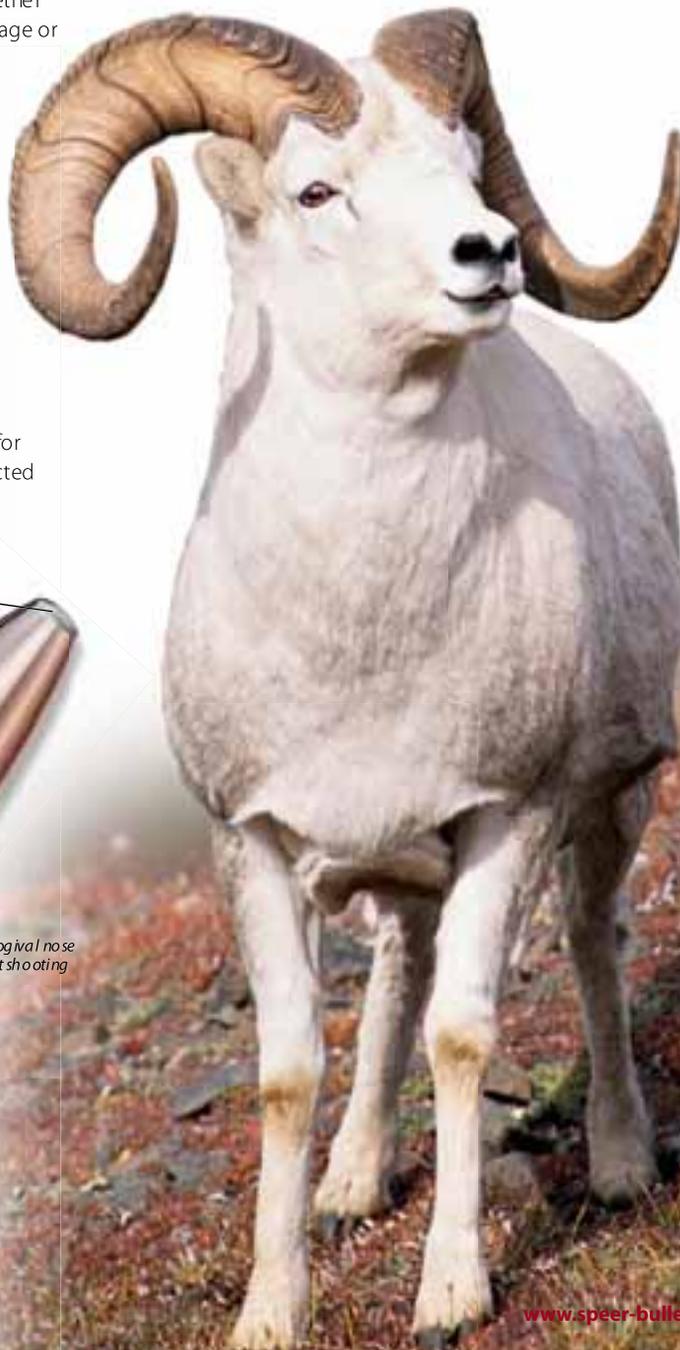
Speer developed Grand Slam to provide better integrity and retained weight. Through Speer's philosophy of continual improvement, Grand Slam has grown to be one of the most respected and successful big game bullets in the world's hunting fields. Years of research tell the story: the jacket profile is critical to your success.

We start with a precision-drawn jacket. We profile the critical shank portion to leave it up to 45 percent thicker than our standard

bullets. We taper the jacket to a thin tip for reliable expansion across a wide range of velocities. Internal flutes at the jacket opening mean symmetrical and consistent expansion whether you're shooting a 300 Savage or a 300 Weatherby.

We use our exclusive Hot-Cor® process to make the core. Our proprietary ternary alloy is injected molten at 900° F, flowing into a heel lock and eliminating oxide layers that can cause core slippage during expansion.

In final forming, we finish each Grand Slam with a long nose profile for flatter shooting. A protected



The Speer Grand Slam recipe for superior performance translates to exceptional accuracy and real knock-down power.

uni-cor. bonded gold-dot. construction

BONDED TECHNOLOGY FOR BETTER BULLETS.

Uni-Cor is Speer's advanced technology that created the world's first bonded-core handgun bullets. We bond the pure copper jacket to the core literally one molecule at a time. We attacked the major cause of most bullet failures—core/jacket separation—at the source, so you get great terminal performance when you need it. All Gold Dot bullets feature Uni-Cor technology.

The process produces jacket concentricity that rivals that of match rifle bullets. That means great accuracy in addition to great terminal performance.

Uni-Cor is also a very flexible technology. We use it to produce TMJ®, the first bullets with seamless jackets that completely encase the lead core. We also make some economical hollow and soft point designs in 9mm, 38/357, 44, 45, and 50 calibers. These bullets bridge the gap between Gold Dot and handgun bullets with conventional "cup-and-core" technology.

Uni-Cor technology—developed right here at Speer—brings you the best handgun bullets.



gold dot. component handgun bullets

TOUGH ENOUGH FOR COPS.

Speer Gold Dot is the Number One service/defense ammo chosen by America's law enforcement professionals. Much of this ammo's success comes from the terrific Gold Dot bullet we load. Reloaders can get the same great bullets.

What makes Gold Dot bullets so great? Plenty.

- *Designed to meet and exceed the criteria of FBI tests for bullet performance*
- *True, bonded-core construction, virtually eliminating jacket separations*
- *Ductile, pure copper jacket*
- *Hollow point cavities profiled for maximum terminal effects*
- *Broad selection of calibers and weights*
- *Great accuracy due to a jacket with virtually no run-out*

Smart technology also contributes to Gold Dot's exceptional performance and reputation. Some companies form the critical hollow point cavity in one opera-

tion. Not too smart. We form the cavity in two distinct operations.

Very smart. This patented dual-process technology gives Speer engineers superb control over expansion characteristics.

Our first step preforms the cavity, notching both the core and jacket and placing flutes

that become "memory lines" in the core. Expansion follows these lines for consistent and symmetrical expansion that is best-in-class.

That extreme design control can be seen in the cavity itself. Bullets for low-velocity cartridges like the 44 Special have deep, high-volume cavities to expand at modest velocities. Those for high-velocity cartridges like the 44 Magnum have shallow cavities for full expansion without breakup. Retained weights are high—often near 100 percent. You get expansion, penetration, and the terminal effects you need.

Speer gives reloaders the same bullets we load for law enforce-

ment—same calibers, same shapes, same quality. And we give you something law enforcement doesn't get—handgun hunting bullets.

If you seek the increased challenge of taking game with a handgun, we have special Gold Dots made just for you. They are the same bullets we load in our renowned Gold Dot Hunting ammunition. Choose from both hollow point and soft point designs for loading the most popular hunting cartridges from 357 Magnum through 50 Action Express.

Gold Dot soft points start with the same initial cavity formation step that Gold Dot hollow points get. We then form the nose into a soft point profile. These tough bullets penetrate deeper before expansion commences, making them great for tough game.

The bullet that cops trust is also the bullet that handloaders trust. Speer gives you the quality, the accuracy, and performance you need. Available in calibers from 25 to 50.

†—U.S. Pat. Off. Reg. No. 5,070,814



The Speer Gold Dot bullet begins with an alloyed lead core.



Speer Uni-Cor® process then electro-chemically bonds the jacket to the core one molecule at a time.



First stage of patented* two-stage hollow point process creates memory lines that expansion can follow.



Second forming stage finishes the cavity to match bullet weight and velocity, produces a smooth leading edge for reliable feeding, and a uniform heel for superb accuracy.



gold dot[®] short barrel components

SPECIAL BULLETS FOR YOUR SPECIAL RELOADING NEEDS. We offer you the same bullets used in Gold Dot Short Barrel ammo as a component for your reloading needs. These bullets are engineered for excellent expansion at velocities common to short-barreled handguns.

We start with our high-tech Uni-Cor[®] bonding technology to bond the core to the jacket. Then we apply our patented† two-stage cavity forming process. We make these great bullets for both semi-auto pistols and revolvers.

Gold Dot Short Barrel bullets in 9mm, 40, and 45 calibers are profiled the same as their regular Gold Dot counterparts for reliable feeding in semi-autos, plus we added more volume to the hollow point cavity to aid in low-velocity expansion.

Gold Dot Short Barrel bullets for 38 Special and 357 Magnum have a broad meplat and a large, ogival cavity to ensure expansion. You

See pages 12-13 for part numbers and box count information.

can choose from three weights—110, 135, and 147 grains—to match your reloading needs.

When you need quality bullets for a special reloading need, look to Speer.

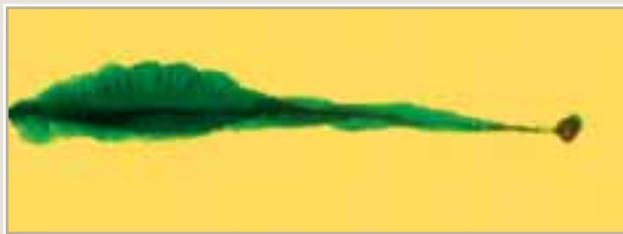


TESTED. PROVEN. TRUSTED. GOLD DOT.

PERFORMANCE YOU CAN COUNT ON. EVERYTIME. Two years ago, Speer Gold Dot introduced the first advancement in 38 Ammunition in years—the 38 Special +P 135 Grain Gold Dot hollow point. The 38 Special +P offered all the exceptional performance you'd come to rely on with one BIG difference—it was specifically engineered for the short barreled revolver. YOUR PERSONAL DEFENSE HANDGUN. Last year, Speer added three new component bullets—9mm Luger, 40 S&W, and 45 Auto, each built with a high-volume cavity. This attention to detail lets reloaders get the most out of handguns with short barrels.

See It For Yourself. The 38 Special +P excels even through the toughest of FBI protocol barriers. And the additional loads promise to do the same. Gold Dot's performance speaks for itself. When the time comes to call on your back-up, don't be caught short on performance. Rely on the BEST, Speer Gold Dot!

38 Special +P 135 Grain Gold Dot Hollow Point Excels through FBI Protocol Tests



Outstanding Gold Dot performance! Here Gold Dot shows optimum penetration and expansion through Bare Gelatin.



Barrier	Bare Gelatin*	Heavy Clothing*	IWBA Heavy Clothing	Plywood*	Steel*	Wallboard*	Glass*
Velocity in FPS	865	870	871	844	866	885	838
Penetration	11"	11"	13"	12"	12"	10"	11"
Expansion	.576" Dia.	.577" Dia.	.554" Dia.	.357" Dia.	.455" Dia.	.549" Dia.	.556" Dia.
Retained Weight	100%	100%	100%	99%	98%	100%	97%

*FBI Test Events—The 38 Spl +P 135 Grain GDHP ammunition used for this test was factory loaded at Speer. These test were conducted to show performance of this product. We do not recommend testing ammunition blindly through barriers at anytime.

tnt[®]
varmint
bullets

EXPLOSIVE ON VARMINTS. Varmint shooting is a demanding sport. Tiny targets at long ranges test the shooter's skill, equipment and ammo. That's why we make TNT bullets.

Starting with thin precision jackets, we add internal fluting to ensure complete bullet disruption. We finish the forming with a long ogive and a small hollow point. This gives us the ballistic coefficients needed for long shots. In fact, TNT's coefficients rival those of similar boat-tail bullets.

In a little over ten years, TNT has become one of our best sellers. Why? Accuracy and great terminal performance. The only complaints we get are from the varmints.



hot-cor® rifle bullets

ACCURATE AND HARDHITTING. Hot-Cor bullets are one of Vernon Speer's greatest contributions to reloading. Accurate and hard-hitting, they have traveled the world's game fields. His idea of pouring molten lead into a jacket was so good we're still doing it 45 years later.

These bullets hold together better because the Hot-Cor process eliminates the lead oxide layer that's found between the core and jacket of conventional "cold core" bullets. Profiled jacket

interiors add strength to the bullet shank. When you're after game at the upper end of your rifle's capability, the extra penetration of Hot-Cor is nice to have.

We do this without "trick" features or gimmicks—we apply solid design and manufacturing skills instead. You don't have to sell your rifle to buy Hot-Cor, either. They're popularly priced.



Always the mainstay of the Speer bullet line, Hot-Cor is still our most popular hunting bullet. Why? They simply work, time after time.

With Hot-Cor, the only "bull" you'll get will have antlers!



jacketed rifle bullets

ACCURATE PERFORMANCE, CONVENTIONAL CONSTRUCTION.

Speer offers a number of bullets with conventional construction that pack all the accuracy and performance of newer Speer designs. The hollow point versions are among our most accurate bullets, and the 22 caliber varmint soft points remain among our most popular items. The 30 caliber Plinker® is great for practice or training new centerfire shooters. Available in calibers from 22 to 45.



See pages 12-13 for part numbers and box count information.

boat-tail rifle bullets

DESIGNED SPECIFICALLY FOR THE LONG RANGE SHOOTER.

Speer boat-tail bullets are designed for long-range shooting. The tapered heel that gives the bullet type its name reduces aerodynamic drag for flatter trajectories. Our boat-tails are designed for more rapid expansion than Hot-Cor, so they are an excellent choice for whitetail deer and antelope. In the larger calibers, they are great for long shots at just about any non-dangerous game. Like our



other hunting bullets, the jackets taper from a thicker shank section to a

thin nose section to keep retained weights high. Boat-tails are available in calibers from 22 to 375.

See "Special Purpose" bullet listing for military-style boat-tail bullets.

special purpose rifle bullets

SPECIAL BULLETS FOR SPECIAL APPLICATIONS. Sometimes you need a special bullet for a specific cartridge or application. That's why we continue to offer a number of such bullets. Some are for duplicating military loads, and others are for certain cartridges with specific dimensional or shape requirements like the 7-30 Waters, 25-20 Winchester or the 218 Bee. Construction may be either Hot-Cor, Uni-Cor®, or conventional, depending on the need. Speer goes the extra mile to give you the bullet choice you demand.

tmj® bullets

THE ULTIMATE FMJ BULLET.

Speer uses Uni-Cor technology to take full metal jacket bullets to their highest level of evolution. We completely encase the lead core in a seamless jacket. Other FMJ bullets have lead exposed at the base, or have an accuracy-robbing second piece to cover the lead. Those bases can deform under pressure. TMJ's seamless jacket means this can't happen. Airborne lead goes down, and TMJs won't foul ported recoil



compensators like open-base bullets do. We swage each bullet twice, ensuring consistent diameters and a uniform heel. TMJ bullets are great for casual practice and plinking because, in addition to being super-accurate, they are economical. Insist on the original—Speer TMJ has been copied but never matched.

Shooting competitively? Try Speer TMJ Match bullets. We have the match shooter covered

with a 9mm and two 45 Auto match bullets. For Metallic Silhouette competition, we make three tough match bullets for toppling steel targets at long range.

This year we've added the 9mm Luger, 124 Grain TMJ. See page 12 for Ballistic information.



uni-cor® expanding handgun bullets

GREAT PERFORMANCE AND ECONOMY.

These bullets have traditional profiles yet have the bonded core afforded by Uni-Cor technology. These are great for general use and, in the larger calibers, make great hunting loads for big game. Our 44 and 45 caliber 300 grain Uni-Cor soft points, designed for deep penetration, have established themselves as effective big game bullets with knowledgeable handgun hunters. Uni-Cor expanding bullets bridge the gap between Gold Dot and conventional "cup-and-core" bullets. This year we've added the 500 S&W 350 Gr. UCSP. See page 12 for ballistic information.

Uni-Cor expanding bullets are available in popular calibers and weights from 9mm to 50 Action Express.



jacketed handgun bullets

TRADITIONAL PERFORMANCE AND PROFILES.

Speer pioneered the modern style of jacketed handgun bullet over 40 years ago. When you see a handgun bullet with a modern, long-jacket design, remember it was Speer who took the leadership position in these designs.

Today, we still sell these popular, accurate, and effective bullets. The extended jacket prevents the soft lead core from contacting your bore, and we offer both hollow point and soft point versions. Many have upgrade features such as internally-notched jackets for symmetrical expansion. From casual plinking to game hunting, we offer these veterans in calibers from 32 to 45.



lead handgun bullets

BARGAIN BULLETS COMPLETE WITH SPECIAL

LUBE. Speer cold-formed lead bullets have been a great bargain ever since Vernon Speer introduced them over 40 years ago. Now they are even better.

All Speer lead bullets now feature our hi-tech, multi-layer lube system. This great lube is, simply stated, the best thing in lead bullets. It stays with the bullet instead of burning off, virtually eliminating the gas cutting that causes most leading problems. It won't melt off in storage or transport, and is clean and dry to the touch.

For target shooting or plinking, Speer lead bullets are now even a better value. Available in calibers from 32 through 45.



See pages 12-13 for part numbers and box count information.

swaged lead balls

TRADITION CONTINUES. Speer offers a variety of lead balls for the traditional round ball shooting enthusiast. Great care is taken to ensure smoothness and shape uniformity for better accuracy over the long haul. Lead balls are packaged in our unique yellow plastic boxes for added protection and convenience.



00 buck copper-plated buckshot



FOR THE SPECIAL RELOADING PROJECT. Have you ever needed a little buckshot for a special reloading project but had to buy a large bag? Well, the folks at Speer have solved your problem.

Now there's Speer Copper-Plated Buckshot. Two pounds (approx.) of high-quality lead pellets are packed in a convenient, reusable plastic box—the same one we use for Speer bullets. The rigid box stores neatly so you won't have pellets spilling out of an open bag. The pellets are swaged from hardened lead and then rolled for excellent uniformity. Hard lead and copper plating mean better patterns and penetration.

Each box contains approximately 285 pellets, enough for over thirty 12 gauge, 2 3/4 inch buckshot loads.

Part # 5185 — 00 Buck Copper-Plated Buckshot

plastic training bullets & cases

TRAINING MADE EASY. For informal target practice in places with a minimum backstop, finding the proper ammo isn't always easy. Speer plastic training bullets and cases make the perfect practice load. Reusable molded plastic cases and bullets powered by CCI large pistol primers provide an accurate and inexpensive alternative. They are designed for 25-foot shooting.

Simply prime the case, insert the plastic wadcutter bullet and you're ready to go. Primer power alone gives the lightweight bullet 300-400 feet/sec velocity. You can stop these in a simple bullet trap made from carpet scraps and cardboard. Bullets can be reused several times.

Bullets and cases are sold separately so you can replace lost or damaged bullets. They are packed 50 bullets or cases to the box. The 45 Auto bullet is designed to readily load in a standard reloadable brass case with a modified flash hole.

This is not loaded ammunition. Primers are not included. Recommended for handguns only. Use only in areas with adequate ventilation. Do not use any propellant powder when assembling these cartridges.



empty shot capsules

CUSTOM SHOT CARTRIDGES AT YOUR FINGER TIPS. Reloaders can create custom shot cartridges with a different shot size or velocity with our empty Speer Shot Capsules. Simply fill them with your favorite size shot (not included), snap in the base wad, and load like a conventional bullet. They are available in 38/357 and 44 calibers (50 count), and 45 Colt (25 count), and includes both empty capsules and base wads. Loading data is available on the packages and in the Speer Reloading Manual.

Intended for short-range pest and varmint control. Not recommended for self-defense. Not for use in firearms having ported recoil compensators.



See pages 13 for part numbers and box count information.

standard rifle & pistol primers

PERFORMANCE YOU'VE ALWAYS TRUSTED. The mainstay of reloading, these primers are remarkably clean-burning so primer pockets stay cleaner. They fill the majority of your reloading applications. Needless to say, they are our perennial best sellers. Like all our primers, they are engineered for smooth feeding in automated reloading equipment. Available in Small Pistol, Small Rifle, Large Pistol, and Large Rifle sizes.



ONE MILLION SHOTS NO MISFIRES!

In the world of competitive shooting, seconds count. Misfires cost valuable seconds. The difference between success and failure. That's why Eric Grauffel, International Practical Shooting Confederation (IPSC) Champion uses only handloaded CCI® Primers for his competitive shooting events. Since 1995, Eric estimates he has shot between 1.2 and 1.3 million rounds without a misfire. Why does CCI outperform the others? Each CCI Primer is hand inspected! Twice! To make sure each primer will provide that perfect spark, every time.



Eric Grauffel has fired between 1.2 and 1.3 million rounds without a misfire while using CCI primers.

bench rest rifle primers

PRECISION IGNITION FOR TOUGH COMPETITION. For wringing the last bit of accuracy from your target loads, choose CCI Bench Rest primers. They are assembled with extra care so each primer fires exactly like the one before it and the one after. CCI Bench Rest primers use the same data as our standard primers, but feature selected metal parts and are built by our most experienced primer assemblers. Primer cups are marked with a "B" so you know which of your loads hold Bench Rest primers. Available in Small Rifle and Large Rifle sizes.



magnum rifle/pistol primers

MORE POWER FOR MAGNUM CARTRIDGES. When loading large-capacity cases, certain propellant types, or loading for cold-weather hunting, our Magnum primers provide the extra heat and ignition power you need. They generate a 20 percent hotter flame to light propellants in the toughest hunting conditions, yet they are just as sensitive as our standard primers. Use only where recommended in published reloading data. Available in Small Pistol, Small Rifle, Large Pistol and Large Rifle sizes.



primers in aps® strips

HIGH-TECH RELOADING CONVENIENCE. If you have an RCBS® reloading tool that's equipped with the fast APS priming strip system, you can get CCI primers preloaded in genuine APS strips. Most of our popular primers are available in this convenient format that greatly speeds the reloading process and protects primers from greasy fingers. For more information on the convenience of APS priming, contact RCBS at 800-533-5000 or on the Web at www.rcbs.com



shotshell primers

A CHOICE OF PERFORMANCE. We offer you two distinct types to fit your shotgun sport. Our 209 primer is designed for standard field and target loads. They're reliable and clean-burning. Our 209M is a hotter primer that is excellent for heavy waterfowl and turkey loads that use slow-burning propellants. CCI Shotshell Primers fit all modern shotshell cases with a 209 primer pocket.

(CCI no longer makes the obsolete 157 size shotshell primers)



percussion caps

TRADITIONAL PRODUCTS WITH 21ST

CENTURY TECHNOLOGY. CCI gives the muzzleloading clan a choice of styles all featuring modern, non-corrosive and non-mercuric priming compounds. We offer both #10 and #11 sizes, plus build a second #11, the #11M, with a hotter mix to better ignite replica black powders. For muskets with the original style large nipple, we offer CCI U.S. Musket Caps, built with "wings" to match the originals, but with modern chemistry. All our percussion caps are assembled in soft, ribbed copper cups, just like the originals.

PERCUSSION CAP SUCCESS TIPS

for top-notch performance and a safe shooting experience:

- **Always keep the flame path clear.** Use a pick or fine wire to remove firing residue.
- **Firing charges of black powder without a ball or bullet results in inefficient combustion.** This can clog the vent and may cause the cap to fragment. If you must use blanks (as in reenactments), you must clear the nipple and flame path every few shots.
- **Inspect percussion nipples regularly and replace as soon as wear or damage is noted.**
- **Make sure that the face of the hammer and the top of the nipple meet squarely.**

CCI® PRIMERS

Primer Type	Product Type	Part # Boxed	Part # in APS Strips	APS Strip Color Code
Shotshell	209	0008	—	—
	209M	0009	—	—
Small Rifle	400	0013	0080	yellow
	450 Mag	0017	0081	blue
	No. 41 5.56mm	0001	—	—
Large Rifle	BR4	0019	0082	black
	200	0011	0086	yellow
	250 Mag	0015	0087	blue
	No. 34 7.62mm	0002	—	—
Small Pistol	BR2	0010	0088	black
	500	0014	0078	white
	550 Mag	0018	0079	red
Large Pistol	300	0012	0084	white
	350 Mag	0016	0085	red
Percussion Caps	10	0309	—	—
	11	0311	—	—
	11 Mag	0310	—	—
	U.S. Musket	0300	—	—
50 Caliber BMG	35	0320	—	—

All CCI primers and percussion caps are non-corrosive and non-mercuric.

50 caliber bmg primers

BIG PRIMERS FOR BIG CARTRIDGES.

Our No. 35 primer is designed for the massive 50 BMG cartridge. Long-range target shooters in the specialized 50 BMG competition field get the quality, performance, and reliability they need. Once again, CCI provides something the other guys don't.

PART NO.	DIAMETER	WT. (gr)	TYPE	B.C.	S.D.	BOX COUNT	USAGE
22 Caliber (.224 inch)							
1014	.224	33	22 Hornet TNT HP Uni-Cor	.080	.094	100	Varmint
1017	.224	40	Spire SP	.144	.114	100	Varmint
1023	.224	45	Spitzer SP	.143	.128	100	Varmint
1024	.224	46	218 Bee FNSP	.087	.131	100	Special Purpose
1029	.224	50	Spitzer SP	.207	.142	100	Varmint
1030	.224	50	222 / 223 Rem TNT HP	.228	.142	100	Varmint
4705	.224	50	222 / 223 Rem TNT HP (bulk)	.228	.142	1000	Varmint
1035	.224	52	HP	.168	.148	100	Varmint
4708	.224	52	HP (bulk)	.168	.148	1000	Varmint
1036	.224	52	Match BTHP	.230	.148	100	Match
1044	.224	55	FMJ BT	.269	.157	100	Special Purpose
1049	.224	55	Spitzer SP cannellured	.212	.157	100	Varmint
1047	.224	55	Spitzer SP	.212	.157	100	Varmint
4711	.224	55	Spitzer SP (bulk)	.212	.157	1000	Varmint
1032	.224	55	TNT HP High Velocity	.233	.157	100	Varmint
1725	.224	55	Trophy Bonded Bear Claw	.201	.157	50	Big Game
1050	.224	62	FMJ BT (1-10 * twist or faster)	.307	.177	100	Special Purpose
1053	.224	70	Semi-spitzer SP	.219	.199	100	Varmint
24 Caliber (.243 inch)							
1206	.243	70	TNT HP	.279	.169	100	Varmint
4720	.243	70	TNT HP (bulk)	.279	.169	750	Varmint
1205	.243	75	HP	.192	.181	100	Varmint
1211	.243	80	Spitzer SP Hot-Cor	.325	.194	100	Big Game
1213	.243	85	Spitzer BTSP	.380	.206	100	Big Game
1217	.243	90	Spitzer SP Hot-Cor	.365	.218	100	Big Game
1220	.243	100	Spitzer BTSP	.446	.242	100	Big Game
1222	.243	100	Grand Slam SP Hot-Cor	.327	.242	50	Big Game
1229	.243	105	Spitzer SP Hot-Cor	.424	.254	100	Big Game
25 Caliber (0.257 inch)							
1237	.257	75	25-20 Win FNSP Hot-Cor	.135	.162	100	Special Purpose
1241	.257	87	Spitzer SP Hot-Cor	.300	.188	100	Big Game
1246	.257	87	TNT HP	.337	.188	100	Varmint
4722	.257	87	TNT HP (bulk)	.337	.188	750	Varmint
1405	.257	100	Spitzer SP Hot-Cor	.334	.216	100	Big Game
1408	.257	100	Spitzer BTSP	.393	.216	100	Big Game
1407	.257	100	HP	.263	.216	100	Varmint
1730	.257	115	Trophy Bonded Bear Claw	.372	.249	25	Big Game
1411	.257	120	Spitzer SP Hot-Cor	.405	.260	100	Big Game
1410	.257	120	Spitzer BTSP	.480	.260	100	Big Game
1415	.257	120	Grand Slam SP Hot-Cor	.356	.260	50	Big Game
26 Caliber—6.5mm (0.264 inch)							
1445	.264	90	TNT HP	.281	.184	100	Varmint
1435	.264	120	Spitzer SP Hot-Cor	.392	.246	100	Big Game
1441	.264	140	Spitzer SP Hot-Cor	.498	.287	100	Big Game
1735	.264	140	Trophy Bonded Bear Claw	.405	.287	25	Big Game
27 Caliber (0.277 inch)							
1446	.277	90	TNT HP	.303	.168	100	Varmint
4723	.277	90	TNT HP (bulk)	.303	.168	650	Varmint
1447	.277	100	HP	.201	.186	100	Varmint
1459	.277	130	Spitzer SP Hot-Cor	.383	.242	100	Big Game
1458	.277	130	Spitzer BTSP	.412	.242	100	Big Game
1465	.277	130	Grand Slam SP Hot-Cor	.332	.242	50	Big Game
1740	.277	140	Trophy Bonded Bear Claw	.392	.261	25	Big Game
1605	.277	150	Spitzer SP Hot-Cor	.455	.279	100	Big Game
1604	.277	150	Spitzer BTSP	.489	.279	100	Big Game
1608	.277	150	Grand Slam SP Hot-Cor	.378	.279	50	Big Game
28 Caliber—7mm (0.284 inch)							
1616	.284	110	TNT HP	.384	.195	100	Varmint
4724	.284	110	TNT HP (bulk)	.384	.195	600	Varmint
1617	.284	115	HP	.250	.204	100	Varmint
1623	.284	130	Spitzer SP Hot-Cor	.368	.230	100	Big Game
1624	.284	130	Spitzer BTSP	.424	.230	100	Big Game
1625	.284	130	7-30 Waters FNSP Hot-Cor	.257	.230	100	Special Purpose
1745	.284	140	Trophy Bonded Bear Claw	.360	.248	25	Big Game
1629	.284	145	Spitzer SP Hot-Cor	.416	.257	100	Big Game
1628	.284	145	Spitzer BTSP	.472	.257	100	Big Game
1632	.284	145	Grand Slam SP Hot-Cor	.353	.257	50	Big Game
1631	.284	145	Match BTHP	.468	.257	100	Match
1635	.284	160	Spitzer SP Hot-Cor	.504	.283	100	Big Game
1634	.284	160	Spitzer BTSP	.519	.283	100	Big Game
1637	.284	160	Mag-Tip SP Hot-Cor	.340	.283	100	Big Game
1638	.284	160	Grand Slam SP Hot-Cor	.389	.283	50	Big Game
1750	.284	160	Trophy Bonded Bear Claw	.380	.283	25	Big Game
1641	.284	175	Mag-Tip SP Hot-Cor	.382	.310	100	Big Game
1643	.284	175	Grand Slam SP Hot-Cor	.436	.310	50	Big Game
1755	.284	175	Trophy Bonded Bear Claw	.400	.310	25	Big Game

PART NO.	DIAMETER	WT. (gr)	TYPE	B.C.	S.D.	BOX COUNT	USAGE
30 Caliber (0.308 inch)							
1805	.308	100	Plinker® RNSP	.144	.151	100	Special Purpose
1835	.308	110	Varminter HP	.128	.166	100	Varmint
1845	.308	110	30 Carbine RNSP Hot-Cor	.136	.166	100	Special Purpose
1846	.308	110	30 Carbine TMJ RN Uni-Cor	.179	.166	100	Special Purpose
1855	.308	110	Spire SP Hot-Cor	.245	.166	100	Varmint
1986	.308	125	TNT HP	.341	.188	100	Varmint
4725	.308	125	TNT HP (bulk)	.341	.188	500	Varmint
2005	.308	130	HP	.244	.196	100	Varmint
2007	.308	130	30-30 Win FNSP Hot-Cor	.213	.196	100	Big Game
2011	.308	150	30-30 Win FNSP Hot-Cor	.255	.226	100	Big Game
2017	.308	150	RNSP Hot-Cor	.235	.226	100	Big Game
2018	.308	150	FMJ BT	.425	.226	100	Big Game
2023	.308	150	Spitzer SP Hot-Cor	.377	.226	100	Big Game
2022	.308	150	Spitzer BTSP	.417	.226	100	Big Game
2025	.308	150	Mag-Tip SP Hot-Cor	.278	.226	100	Big Game
2026	.308	150	Grand Slam SP Hot-Cor	.295	.226	50	Big Game
1759	.308	150	Trophy Bonded Bear Claw	.335	.226	25	Big Game
2035	.308	165	Spitzer SP Hot-Cor	.444	.248	100	Big Game
2034	.308	165	Spitzer BTSP	.520	.248	100	Big Game
2038	.308	165	Grand Slam SP Hot-Cor	.354	.248	50	Big Game
1760	.308	165	Trophy Bonded Bear Claw	.342	.248	25	Big Game
2040	.308	168	Match BTHP	.534	.253	100	Match
2041	.308	170	30-30 FNSP Hot-Cor	.298	.256	100	Big Game
2047	.308	180	Round Nose SP Hot-Cor	.312	.271	100	Big Game
2053	.308	180	Spitzer SP Hot-Cor	.441	.271	100	Big Game
2052	.308	180	Spitzer BTSP	.545	.271	100	Big Game
2059	.308	180	Mag-Tip SP Hot-Cor	.349	.271	100	Big Game
2063	.308	180	Grand Slam SP Hot-Cor	.374	.271	50	Big Game
1765	.308	180	Trophy Bonded Bear Claw	.357	.271	25	Big Game
2211	.308	200	Spitzer SP Hot-Cor	.478	.301	50	Big Game
2212	.308	200	Grand Slam SP Hot-Cor	.453	.301	50	Big Game
1770	.308	200	Trophy Bonded Bear Claw	.392	.301	25	Big Game
31-32 Caliber—7.7mm—303 British (0.310-0.312 inch)							
2213	.310	123	7.62x39mm Spitzer SP Hot-Cor	.283	.183	100	Big Game
2217	.311	150	Spitzer SP Hot-Cor	.351	.222	100	Big Game
2223	.311	180	Round Nose SP Hot-Cor	.299	.266	100	Big Game
3981	.312	100	32-20 Win JHP	.167	.147	100	Varmint
32 Caliber—8mm (0.321-0.323 inch)							
2259	.321	170	32 Win Spl FNSP Hot-Cor	.236	.236	100	Big Game
2277	.323	150	Spitzer SP Hot-Cor	.343	.205	100	Big Game
2283	.323	170	Semi-spitzer SP Hot-Cor	.311	.233	100	Big Game
2285	.323	200	Spitzer SP Hot-Cor	.440	.274	50	Big Game
338 Caliber (0.338 inch)							
2405	.338	200	Spitzer SP Hot-Cor	.426	.250	50	Big Game
2406	.338	225	Spitzer BTSP	.497	.281	50	Big Game
2407	.338	225	Grand Slam SP Hot-Cor	.382	.281	50	Big Game
1775	.338	225	Trophy Bonded Bear Claw	.376	.281	25	Big Game
2408	.338	250	Grand Slam SP Hot-Cor	.436	.313	50	Big Game
358 Caliber (0.358 inch)							
2435	.358	180	35 Rem FNSP Hot-Cor	.236	.201	100	Big Game
2439	.358	220	35 Rem FNSP Hot-Cor	.286	.245	50	Big Game
1777	.358	225	Trophy Bonded Bear Claw	.350	.251	25	Big Game
2453	.358	250	Spitzer SP Hot-Cor	.422	.279	50	Big Game
2455	.358	250	Grand Slam SP Hot-Cor	.353	.279	50	Big Game
9.3mm (0.366 inch)							
2459	.366	270	Semi-Spitzer SP Hot-Cor	.361	.288	50	Big Game
375 Caliber (0.375 inch)							
2471	.375	235	Semi-spitzer SP Hot-Cor	.301	.239	50	Big Game
1778	.375	250	Trophy Bonded Bear Claw	.286	.254	25	Large/Dangerous Game
2472	.375	270	Spitzer BTSP	.478	.274	50	Big Game
2473	.375	285	Grand Slam SP Hot-Cor	.354	.290	50	Big Game
1781	.357	300	Trophy Bonded Sledgehammer Solid	.240	.305	50	Large/Dangerous Game
1780	.375	300	Trophy Bonded Bear Claw	.336	.305	25	Large/Dangerous Game
416 Caliber (0.416 inch)							
2477	.416	350	Mag-Tip SP Hot-Cor	.332	.289	50	Big Game
1785	.416	400	Trophy Bonded Bear Claw	.374	.330	25	Large/Dangerous Game
1786	.416	400	Trophy Bonded Sledgehammer Solid	.273	.330	25	Large/Dangerous Game
45 Caliber (0.458-0.459 inch)							
2482	.458	300	45-70 / 450 Marlin FNHP Uni-Cor	.206	.204	50	Big Game
2478	.458	350	458 Win Mag-Tip SP Hot-Cor	.218	.238	50	Big Game
2479	.458	400	45-70 / 450 Marlin FNSP	.259	.272	50	Big Game
1790	.458	500	Trophy Bonded Bear Claw	.340	.341	25	Large/Dangerous Game
1791	.458	500	Trophy Bonded Sledgehammer Solid	.328	.341	25	Large/Dangerous Game
470 Caliber (0.474 inch for 470 Nitro Express)							
1795	.474	500	Trophy Bonded Bear Claw	.330	.318	25	Large/Dangerous Game
1796	.474	500	Trophy Bonded Sledgehammer Solid	.302	.318	25	Large/Dangerous Game

PART NO.	DIAMETER	WT. (gr)	TYPE	B.C.	S.D.	BOX COUNT	USAGE
25 Caliber (0.251 inch)							
3985	.251	35	25 Auto GDHP HP	.091	.079	100	Personal Protection
32 Caliber (0.312-0.314 inch)							
3986	.312	60	32 Auto GDHP	.118	.088	100	Personal Protection
4600	.314	98	lead HBWC (bulk)	.044	.142	1000	Target
3981	.312	100	32 Revolver JHP	.167	.147	100	General Purpose
9mm (0.355-0.356 inch)							
3992	.355	90	380 Auto GDHP	.101	.102	100	Personal Protection
4001	.355	95	380 Auto TMJ RN	.131	.108	100	GP/Practice
3994	.355	115	9mm Luger GDHP	.125	.130	100	Personal Protection
3995	.355	115	9mm Luger TMJ RN	.151	.130	100	GP/Practice
3998	.355	124	9mm Luger GDHP	.134	.141	100	Personal Protection
4000	.355	124	9mm Luger GDHP SB	.139	.141	100	Personal Protection
3993	.355	124	9mm Luger TMJ	.159	.141	100	GP/Practice
4726	.355	124	9mm Luger TMJ (bulk)	.159	.141	500	GP/Practice
3997	.355	124	9mm Luger FN UCSP	.115	.141	100	General Purpose
4360	.355	125	357 SIG/38 Super GDHP	.141	.142	100	Personal Protection
4362	.355	125	357 SIG/38 Super TMJ FN	.147	.142	100	GP/Practice
4731	.355	125	357 SIG/38 Super TMJ FN (bulk)	.147	.142	600	GP/Practice
4602	.356	125	9mm Luger lead RN (bulk)	.155	.141	500	GP/Practice
4006	.355	147	9mm Luger TMJ FN	.188	.167	100	GP/Practice
4002	.355	147	9mm Luger GDHP	.164	.167	100	Personal Protection
35 Caliber (0.357-0.358 inch)							
4007	.357	110	38/357 UCHP	.113	.123	100	General Purpose
4009	.357	110	38 Special GDHP SB	.117	.123	100	Personal Protection
4011	.357	125	38/357 UCSP	.129	.140	100	General Purpose
4013	.357	125	38/357 UCHP	.129	.140	100	General Purpose
4012	.357	125	357 Mag GDHP	.140	.140	100	Personal Protection
4015	.357	125	38/357 TMJ FN	.146	.140	100	GP/Practice
4014	.357	135	38/357 GDHP SB	.141	.151	100	Personal Protection
4203	.357	140	38/357 UCHP	.145	.157	100	General Purpose
4205	.357	146	38/357 JHP-SWC	.159	.164	100	General Purpose
4617	.358	148	hollow base lead WC	.050	.165	100	GP/Practice
4618	.358	148	hollow base lead WC (bulk)	.050	.165	500	GP/Practice
4211	.357	158	357 Mag UCHP	.163	.177	100	General Purpose
4732	.357	158	357 Mag UCHP (bulk)	.163	.177	450	General Purpose
4217	.357	158	357 Mag UCSP	.164	.177	100	General Purpose
4215	.357	158	357 Mag GDHP	.168	.177	100	Personal Protection
4207	.357	158	357 Mag TMJ FN	.173	.177	100	GP/Practice
4623	.358	158	lead SWC	.123	.176	100	GP/Practice
4624	.358	158	lead SWC (bulk)	.123	.176	500	GP/Practice
4627	.358	158	lead SWC HP	.121	.176	100	GP/Practice
4628	.358	158	lead SWC HP (bulk)	.121	.176	500	GP/Practice
4647	.358	158	lead RN	.170	.176	100	GP/Practice
4648	.358	158	lead RN (bulk)	.170	.176	500	GP/Practice
4230	.357	170	357 Mag GDSP	.185	.191	100	Handgun Hunting
4229	.357	180	357 Mag Sil. Match TMJ	.230	.202	100	Match
9mm Makarov (0.364 inch)							
3999	.364	90	9mm Makarov GDHP	.107	.097	100	Personal Protection
4375	.364	95	9mm Makarov TMJ RN	.127	.102	100	GP/Practice
40 Caliber/10mm (0.400 inch)							
4399	.400	155	40/10mm TMJ FN	.125	.138	100	GP/Practice
4400	.400	155	40/10mm GDHP	.123	.138	100	Personal Protection
4397	.400	165	40/10mm GDHP	.138	.147	100	Personal Protection
4410	.400	165	40/10mm TMJ FN	.135	.147	100	GP/Practice
4402	.400	180	40/10mm TMJ FN	.143	.161	100	GP/Practice
4734	.400	180	40/10mm TMJ FN (bulk)	.143	.161	400	GP/Practice
4406	.400	180	40/10mm GDHP	.143	.161	100	Personal Protection
4401	.400	180	40/10mm GDHP SB	.148	.161	100	Personal Protection
41 Caliber (0.410 inch)							
4405	.410	200	41 Mag JHP-SWC	.113	.170	100	General Purpose
4430	.410	210	41 Mag GDHP	.183	.178	100	Handgun Hunting
4417	.410	220	41 Mag JSP-SWC	.137	.187	100	General Purpose
44 Caliber (0.429-0.430 inch)							
4425	.429	200	44 Mag JHP	.122	.155	100	General Purpose
4427	.429	200	44 Special GDHP	.145	.155	100	Personal Protection
4428	.429	210	44 Mag GDHP	.154	.163	100	Handgun Hunting
4435	.429	225	44 Mag JHP-SWC	.146	.175	100	General Purpose
4447	.429	240	44 Mag JHP-SWC	.157	.186	100	General Purpose
4455	.429	240	44 Mag GDHP	.175	.186	100	Handgun Hunting
4456	.429	240	44 Mag GDSP	.175	.186	100	Handgun Hunting
4453	.429	240	44 Mag JHP	.165	.186	100	General Purpose
4736	.429	240	44 Mag JHP (bulk)	.165	.186	300	General Purpose
4457	.429	240	44 Mag JSP	.164	.186	100	General Purpose
4737	.429	240	44 Mag JSP (bulk)	.164	.186	300	General Purpose
4660	.430	240	lead SWC	.151	.185	100	GP/Practice

PART NO.	DIAMETER	WT. (gr)	TYPE	B.C.	S.D.	BOX COUNT	USAGE
44 Caliber (0.429-0.430 inch) continued							
4661	.430	240	lead SWC (bulk)	.151	.185	500	GP/Practice
4461	.429	270	44 Mag GDSP	.193	.210	50	Handgun Hunting
4463	.429	300	44 Mag UCSP	.213	.233	50	General Purpose
45 Caliber (0.451-0.454 inch)							
4476	.451	185	45 Auto TMJ FN	.094	.130	100	GP/Practice
4473	.451	185	45 Auto Match TMJ SWC	.090	.130	100	Match
4470	.451	185	45 Auto GDHP	.109	.130	100	Personal Protection
4478	.451	200	45 Auto GDHP	.138	.140	100	Personal Protection
4677	.452	200	45 Auto lead SWC	.078	.140	100	GP/Practice
4678	.452	200	45 Auto lead SWC (bulk)	.078	.140	500	GP/Practice
4475	.451	200	45 Auto Match TMJ SWC	.128	.140	100	Match
4479	.451	225	45 Colt JHP	.169	.158	100	General Purpose
4483	.451	230	45 Auto GDHP	.143	.162	100	Personal Protection
4482	.451	230	45 Auto GDHP SB	.148	.162	100	Personal Protection
4480	.451	230	45 Auto TMJ RN	.153	.162	100	GP/Practice
4750	.451	230	45 Auto TMJ RN (bulk)	.153	.162	300	GP/Practice
4690	.452	230	45 Auto lead RN	.160	.161	100	GP/Practice
4691	.452	230	45 Auto lead RN (bulk)	.160	.161	500	GP/Practice
4484	.452	250	45 Colt GDHP	.165	.175	100	Personal Protection
4683	.452	250	45 Colt lead SWC	.117	.175	100	GP/Practice
4684	.452	250	45 Colt lead SWC (bulk)	.117	.175	500	GP/Practice
4481	.451	260	45 Colt JHP	.183	.183	100	General Purpose
3974	.452	300	454 Casull GDHP	.233	.210	50	Handgun Hunting
4485	.451	300	45 Colt High-Velocity UCSP	.199	.211	50	Handgun Hunting
475 Caliber (0.475 inch)							
3973	.475	275	480 Ruger GDHP	.162	.174	50	Handgun Hunting
3978	.475	325	480 Ruger GDSP	.191	.206	50	Handgun Hunting
3976	.475	400	480 Ruger GDSP	.242	.253	50	Handgun Hunting
50 Caliber (0.500 inch)							
4490	.500	300	50 Action Express TMJ FN	.157	.171	50	GP/Practice
4493	.500	300	50 Action Express GDHP	.155	.171	50	Handgun Hunting
4495	.500	325	50 Action Express UCHP	.169	.186	50	General Purpose
4491	.500	350	500 S&W UCSP	.178	.200	50	Handgun Hunting

Ball Diameter (inches)	Approximate Weight (Grains)*	Part #	Box Count
Lead Balls			
0.350	64	5110	100
0.375	79	5113	100
0.433	121	5127	100
0.440	127	5129	100
0.445	132	5131	100
0.451	137	5133	100
0.454	140	5135	100
0.457	143	5137	100
0.490	176	5139	100
0.495	181	5140	100
0.530	223	5142	100
0.535	229	5150	100
0.570	277	5180	50

*Use the ball diameter recommended by your firearm's manufacturer. *Round balls are manufactured to diameter; weights are provided for reference only.*



Product	Bullet Part #	Case Part #	Box Count
Plastic Bullets & Cases			
38 Cal	8510	8515	50
44 Cal	8520	8525	50
45 Cal*	8530	See Notes	50

*Note: 45 Cal. bullet is used with standard brass case.
* For 45 Auto only.*

Product	Part #	Box Count
Empty Shot Capsules		
38/357 Cal.	8780	50
44 Cal	8782	50
45 Colt	8785	25

Abbreviation Key

BT—boat tail
 FMJ—full metal jacket
 FN—flat nose
 GD—Gold Dot®
 HP—hollow point
 L—lead
 SB™—for short-barrel firearms
 SP—soft point

TMJ—encased-core full jacket
 RN—round nose
 SWC—semi-wadcutter
 UC—Uni-Cor®
 WC—wadcutter

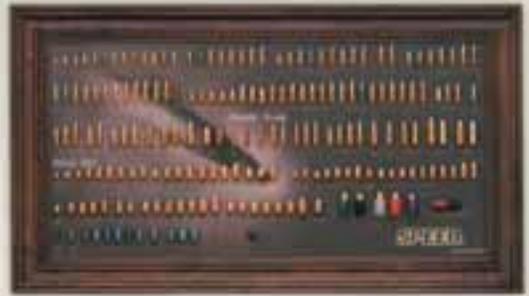
Usage Abbreviations
 GP—General Purpose



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