speer. bullet display board

The entire Speer bullet line-up becomes art with our latest Bullet Board. It features each one of our bullets mounted on a durable, high-quality background and framed in dark wood. Use as an attractive addition to your den, or as a reference guide in your reloading room. **8060** Speer Bullet Display Board

speer_• reloadingmanual

The original bible of reloading and still the number one reference worldwide, the Speer Reloading Manual #13 contains more than 700 pages of how-to information, with charts, illustrations, and photographs. It contains over 9000 powder loads, plus bullet data, detailed ballistic tables, bullet energy and velocity tables, special techniques sections, a problem solving section and much more. It is an indispensable tool for every reloader's bench.

9510 Speer Reloading Manual #13

cci. speer. trophy bonded. see what's new, visit our websites



Need quick reference to CCI and Speer products? Visit our redesigned web sites and find product information, handy tips, frequently asked questions, educational articles, and other tools to make you a more confident shooter.



— ATK Ammunition & Related Products — Your full service ammunition and components source. \mathbb{C} CCI Outers FEDERAL The Leader in Rimfire Ammunition™ How Good, Clean Shots are Made PREMIUM MUNITION Every Shot Counts™ WEAVER The Leader in Innovative Bullet Technology **ALLIANT POWDER** The One and Only ically Superior by Design K [| | | | | The One Stop Destination for Shooters) Snake River Av iston, ID 83501 Looking to Hone Their Skills GUNSLICK Clean, Aim, Fire, Everywhere a Gun Rests

These are CCI/SPEER trademarks: CCI, Clean-Fire, Lawman, Stinger, Green Tag, Mini-Mag, Maxi-Mag, Velocitor, APS, Blazer, TrailBlazer, Ammo Can, SPEER, Gold Dot, Uni-Cor, TNT, Mag-Tip, Nitrex, Plinker, Grand Slam, TMJ, Hot-Cor, RHT, Idaho Territory Bullets, MHP. Quik-Shok is a registered trademark of the Polywad Corporation, used with permission. Trophy Bonded and Bear Claw are registered trademarks of Trophy Bonded Bullets, Inc. and are used under license. Specifications subject to change without notice.

cci. speer. trophy bonded.



cci—world famous primers speer—the leader in innovative bullet technology[™] trophy bonded—world class hunting bullets



check out what's new!

cci. mil-spec arsenal rifle primers

CCI MIL-SPEC primers are THE SAME primers the U.S. Armed Forces specify for their service ammunition. You can reload your military duplication ammo with the real thing.

.... page 2

trophy bonded. bear claw.

We've added two new load options we think you'll be excited about.

.... page 4

speer。 gold dot。 short-barrel

Need special bullets when loading ammo for a shortbarrel handgun? We have a selection of new bullets just for you.

.... page 6

welcome



In 1996, CCI/SPEER became the first U.S. ammunition manufacturer to achieve ISO 9001 certification for guality. 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.

That guality and innovation is now available to you as a hand loader as our part numbers 76 and 77, the exact same 5.56 and 7.62 primers now being used by our military. And don't forget our part number 35, for 50 caliber ammunition! Also playing a key role in our mutual defense, Speer Gold Dot continues its dominance in the law enforcement community. Why?—Because of reliable performance in doing a tough job. We've complimented our offerings this year with five additional "Short-Barrel" bullets specifically designed to offer the same Gold Dot performance out of "Short-Barrel" firearms. Short barrels mean less velocity that sometimes can affect a bullet's ability to perform. These bullets have been specifically designed to compensate for less velocity, still offering great expansion and optimal penetration. These bullets are already being selected by agencies around the country as "the" ammunition for back-up guns. Don't you think they're worth checking out for yourself? While Gold Dot has been available to you as a component in the past, it will now be easier to find. Look for it in gold boxes on the shelves of your local retailer.

Shoot safely,

Paul H. Coil

CCI/Speer Brand Manager



A special emphasis is placed this year on primers. This follows our success in qualifying our military 5.56 and 7.62 mm primers, known as "M41" and "M34", respectively, for DOD use. This should come as no surprise given our history of dedication to quality and performance as evidenced by our ISO 9001 certification, the first and longest standing in the industry. This is further evidenced in the article on page 2, with Eric Grauffel having succeeded in dominating the world of practical pistol shooting without a misfire in over 1.2 million rounds using CCI primers!

It should also come as no surprise given our relationship to our fellow ATK companies—Federal Cartridge, Lake City Army Ammunition Plant, Thiokol, and others. ATK is literally a company of the top ammunition and rocket scientists in the world. The technology sharing and insights provided by these ATK partners have allowed us to join the war against terrorism through the supply of these key components. CCI now plays a key role in making ATK the leading small caliber ammunition supplier in the world.



mil-spec arsenal rifle primers **NEW! FULLY QUALIFIED FOR U.S. DEPARTMENT OF DEFENSE**

USE. Our new M34 and M41⁺ Arsenal primers are engineered to all specifications set forth in MIL-P-46610E, the technical package that defines small arms primers for the U.S. Armed Forces. They are fully DODgualified for loading by U.S. military arsenals. Mil-spec sensitivity reduces the chance of a slam-fire in semi-automatic firearms. They feature the priming mix specified for igniting military ball propellants, and can be used with reloading data calling for CCI 250 or 450 Magnum primers.

We also make No. 34 and No.41 primers that meet NATO sensitivity specs. Military primers are available in Small Rifle and Large Rifle sizes. t—M41 Arsenal primer available April 2005

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

ERIC GRAUFFEL

CCI PRIMERS PROPEL

IPSC SHOOTER TO UNPREC-

EDENTED WINNING STREAK.

In the world of individual sports,

like the one French shooter Eric

Grauffel has strung together in

International Practical Shooting

Confederation (IPSC) events. He

has not lost a competition since

1999. Eric began shooting with

and shot his first pistol at ten. By

the age of 11, Eric was compet-

an air gun at the age of eight

there aren't many winning streaks

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.

standard rifle & pistol primer's

PERFORMANCE YOU'VE ALWAYS TRUSTED. The

mainstay of reloading, these primers are remarkably cleanburning 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.

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 experience 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.

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 cleanburning. 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)

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 2000000000 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

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. CCI All our percus-

National Championship at age 15. For his competitive shooting, Eric uses only *CCI small pistol* primers. Since 1995, Eric estimates he has fired between 1.2 and 1.3 million rounds *without a misfire* while using CCI primers. During his run of an estimated 120-125 straight victories against the top shooters in the world, Eric has amassed eight French National Championships, one U.S. Championship, two European championship titles and two World Championship titles. While there is no doubt

ing, and he won his first French

Grauffel is blessed with incredible talent, this level of talent isn't realized without hard work. Eric dedicates as many as six hours a day in preparation for his sport.

In addition to shooting practice, Grauffel spends several hours each day reloading ammunition. For high-volume shooting, Eric finds reloading more cost-efficient, and allows competitors to control every aspect of their ammunition.

Eric and CCI primers have been permanent partners since 1995. He says that, "your firearm is like a car, and the ammo is the fuel. Just as a car needs efficient fuel, a gun must have effective ammo, especially in the rapid-fire world of practical pistol shooting. Although there are more parts to a cartridge than the primer, primers are the most critical. Nothing else works if the primer fails. Misfires in competition cost precious seconds."

With CCI primers, Grauffel gets the most efficiency out of his ammo. Eric stresses, "If your primer is not perfect, it is like killing yourself in competition."



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



CCI® PRIMERS Product Type Primer Type

Shotshell

Shotshell	209	0000		
	209M	0009		
Small Rifle	400	0013	0080	yellow
	450 Mag	0017	0081	blue
NEW!	M41 MIL-SPEC	0076		_
	No. 41 NATO	0001	—	—
	BR4	0019	0082	black
Large Rifle	200	0011	0086	yellow
	250 Mag	0015	0087	blue
NEW!	M34 MIL-SPEC	0077		_
	No. 34 NATO	0002	_	
	BR2	0010	0088	black
Small Pistol	500	0014	0078	white
	550 Mag	0018	0079	red
Large Pistol	300	0012	0084	white
	350 Mag	0016	0085	red
Percussion	10	0309	—	—
Caps	11	0311	—	—
	11 Mag	0310	—	—
	U.S.	0300	—	—
	Musket			
50 Caliber	35	0321	_	_
All CCI primers and	percussion caps are no	on-corrosive	and non-mercu	ric.

Part #

Boxed

200

Part # in

APS Strips Color Code

APS Strip



sion caps are assembled in soft, ribbed copper cups, just like the originals.

CCI

CCI #35

No. 35 50 CAL. BMG

PERCUSSION CAP SUCCESS

primers

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.



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 competi tion field get the quality, performance, and reliability they need. Once again, CCI provides something the other guys don't.

NEW! We've added a 225 grain 35caliber Bear Claw for the great 35 Whelen cartridge, and a 308-150 grain Bear Claw for a lighter-weight 30-caliber option.

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 precisionformed into one end to hold the core. The core is fusion bonded to the jacket using a proprietary induction fusion process. Then each bullet is finished with a long, protected point for excellent flight characteristics 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—in excess of 90 percent. The fully annealed jacket opens rapidly and then stops when expansion reaches the solid shank, and fusion 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).



Protected point design Pure lead core is fusion-bonded to the jacket at high temperatures Precision-formed core cavity Jacket profile prevents over expansion

Rigid, tough solid copper shank resists deformatior

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

Jacket opening is thin and fluted to aid expansion

of research

tell the story: the jacket profile is

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

and consistent expan-

shooting a 300 Savage

We use our exclusive

Hot-Cor[®] process to make

the core. Our proprietary

ternary alloy is injected molten

Protected point design prevents

damage in the

maaazine

sion whether you're

or a 300 Weatherby.

mean symmetrical

critical to your success.

Ternary lead alloy injected molten at 900° minimizes core slippage Profiled jacketthick in the shank

tapering to a thinner nose

Heel lock aids in core retention

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

Long ogival nose

at 900° F, flowing in 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 point resists in-magazine deformation under

cannelure to all Grand Slams so you can crimp if desired. The cannelure also provides additional holding power to keep core and jacket together.

recoil.

We

add a

Grand Slam has evolved into a highly respected big game bullet, both in North American 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.

uni-cor bonded aold-dot construction

mission

critical

handgun bulle

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-Cortechnology The process produces jacket concentric-

ity that rivals that of rifle match 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.

The Speer Gold Dot



Speer Uni-Cor[®] process then electro-chemically bonds the jacket to the core



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

one molecule at a time.



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

cavity in two distinct operations.

Very smart. This patented[†]

dual-process technol-

ogy gives Speer engi-

over expansion

characteristics.

pre-forms 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

Bullets for low-velocity cartridges

can be seen in the cavity itself.

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

high—often over 90 percent. You

get expansion, penetration, and

Speer gives reloaders the same

the terminal effects you need.

bullets we load for law enforce-

break-up. Retained weights are

Our first step

neers superb control

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-

gold dot. component handgun bullets tion. Not too smart. We form the 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 ammo. 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.

gold dot short barrel components

NEW! SPECIAL BULLETS FOR YOUR

SPECIAL RELOADING NEEDS. We offer you the same new 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—new for 2005—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

PERFORMANCE YOU CAN COUNT ON. EVERYTIME. Last year 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. This year, Speer adds 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



*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 nunition blindly through barriers at anytime

6 components catalog | 2005

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

- and 357 Magnum, introduced in 2004, have a broad meplat and a large, ogival cavity to

ensure expansion. You 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.



expansion through Bare Gelatin

Clothing	Plywood*	Steel*	Wallboard*	Glass*
I	844	866	885	838
1	12"	12"	10"	11"
Dia.	.357" Dia.	.455" Dia.	.549" Dia.	.556" Dia.
%	99%	98%	100%	97%

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 and a deadsoft lead core 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 HARDHIT-

TING. 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 40 years later. You don't fix what ain't broke.

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.

mhp[™] bullets

SPECIAL COATING MEANS LESS FOULING. Looking to keep jacket fouling to a minimum during long shooting sessions like varmint hunting or matches? Speer's MHP rifle bullets are impregnated with molybdenum disulfide (usually called "moly") to condition the bore and allow longer shot strings between cleaning.

Our moly isn't a cheap, painted-on coating or a man-made substitute. The bullets are impact impregnated for maximum adhesion and lubrication. Available in TNT profiles in 22 through 28 caliber, and in the 30 caliber 168 grain match hollow point. They use the same loading data as our regular TNT bullets.

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 Available in calibers from 22 to 45.

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.

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!

new centerfire shooters.

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 nondangerous 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.

tmj_a bullets

S

bu

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 accuracyrobbing 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.

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. ni-Cor expandina bullets are available in popular caliber

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

BARGIN BULLETS COMPLETE WITH SPECIAL LUBE. Speer coldformed 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 first introduced in our Idaho Territory Bullets[®]. 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.

oo buck premium copper-plated buckshot



FOR THE SPECIAL RELOAD-**ING 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 Premium 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, 2³/₄ inch buckshot loads.

"OLD WEST" **BULLETS WITH** A MODERN

TWIST. Cowboy Action Shooting calls for attention to detail, and getting the most

from your ammo. It also calls for lead bullets, and not all lead bullets are created equal. Speer's Idaho Territory Bullets are ahead of the herd because we combine the traditional look of the Old West with 21st Century technology. We cold-form our bullets instead of casting them. That

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.

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.

idaho territory bullets.

means no voids, no slag, and no material variation from bullet to bullet. You get bullets of remarkable uniformity—something lacking in many cast bullets. We carefully selected the nose shapes that will give you the best service whether you're using them in a rifle or revolver.

The high-tech part is the lubricant. It is hard, clean, dry to the touch, and won't melt off, either in storage or going down your gun barrel. The lube stays with the bullet all the way to the backstop. Bores stay cleaner so you can shoot more between cleaning. Here's the bonus: the

empty shot capsules

CUSTOM SHOT CARTRIDGES AT YOUR FINGER TIPS. We offer loaded shot cartridges for several revolver calibers in our CCI® line. However, 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.



Idaho Territory Bullets are available in three popular revolver diameters-0.358 inch for 38 Spl and 357 Mag, 0.430 inch for 44 Special and 44-40, and 0.454 inch for 45 Colt and Schofield. We also make a 0.459 inch version for the 45-70 rifle cartridge. All are also available in bulk packs for highvolume shooters.

Once again, Speer's technology brings a great solution to your shooting needs. Get Idaho Territory Bullets—that's where the easy trail begins.

PART NO.	DIAMETER	WT. (gr)	ТҮРЕ	B.C.	S.D.	BOX COUNT	USAGE
	liber (.			000	00.4	100	
1014 1017	.224 .224	33 40	22 Hornet TNT HP Uni-Cor	.080	.094 .114	100 100	Varmint Varmint
1017	.224	40	Spire SP Spitzer SP	.144 .143	.114	100	Varmint
1023	.224	46	218 Bee FNSP	.087	.120	100	Special Purpose
1029	.224	50	Spitzer SP	.207	.142	100	Varmint
1030	.224	50	222 / 223 Rem TNT HP	.228	.142	100	Varmint
1705	.224	50	222 / 223 Rem TNT HP (bulk)	.228	.142	1000	Varmint
031	.224	50	MHP moly-coated	.234	.142	100	Varmint
035	.224	52	HP	.168	.148	100	Varmint
1708	.224	52	HP (bulk)	.168	.148	1000	Varmint
036	.224	52	Match BTHP	.230	.148	100	Match
044	.224	55	FMJ BT	.269	.157	100	Special Purpose
1049	.224	55	Spitzer SP cannelured	.212	.157	100	Varmint
047	.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	Mission-Critical
050	.224	62	FMJ BT (1-10 " twist or faster)	.307	.177	100	Special Purpose
053	.224	70	Semi-spitzer SP	.219	.199	100	Varmint
	liber (.			-	-	-	
206	.243	70	TNT HP	.279	.169	100	Varmint
720	.243	70	TNT HP (bulk)	.279	.169	750	Varmint
207	.243	70	MHP Moly-coated	.296	.169	100	Varmint
205	.243	75	HP	.192	.181	100	Varmint
1211	.243	80	Spitzer SP Hot-Cor	.325	.194	100	Std Big Game
213	.243	85	Spitzer BTSP	.380	.206	100	Std Big Game
217	.243	90	Spitzer SP Hot-Cor	.365	.218	100	Std Big Game
220	.243	100	Spitzer BTSP	.446	.242	100	Std Big Game
222	.243	100	Grand Slam SP Hot-Cor	.327	.242	50	Enhanced Big Game
229	.243	105	Spitzer SP Hot-Cor	.424	.254	100	Std Big Game
	liber (C			105	162	100	G 110
237	.257	75	25-20 Win FNSP Hot-Cor	.135	.162	100	Special Purpose
241	.257	87	Spitzer SP Hot-Cor	.300	.188	100	Std Big Game
246	.257	87	TNT HP	.337	.188	100	Varmint
722	.257	87	TNT HP (bulk)	.337	.188	750	Varmint
247	.257	87	MHP Moly-coated	.344	.188	100	Varmint
405 408	.257 .257	100 100	Spitzer SP Hot-Cor Spitzer BTSP	.334 .393	.216 .216	100 100	Std Big Game
408	.257	100	HP	.263	.216	100	Std Big Game Varmint
730	.257	115	Trophy Bonded Bear Claw	.205	.210	25	Mission-Critical
1411	.257	120	Spitzer SP Hot-Cor	.405	.249	100	Std Big Game
1410	.257	120	Spitzer BTSP	.405	.260	100	Std Big Game
1415	.257	120	Grand Slam SP Hot-Cor	.356	.260	50	Enhanced Big Game
26 Cal			m (0.264 inch)		.200		Enhanced big dame
445	.264	90	TNT HP	.281	.184	100	Varmint
435	.264	120	Spitzer SP Hot-Cor	.392	.246	100	Std Big Game
441	.264	140	Spitzer SP Hot-Cor	.498	.287	100	Std Big Game
444	.264	140	Grand Slam Hot-Cor	.385	.287	50	Enhanced Big Game
735	.264	140	Trophy Bonded Bear Claw	.405	.287	25	Mission-Critical
	liber (0).277 i			-	-	
446	.277	90	TNT HP	.303	.168	100	Varmint
723	.277	90	TNT HP (bulk)	.303	.168	650	Varmint
457	.277	90	MHP Moly-coated	.310	.168	100	Varmint
447	.277	100	HP	.201	.186	100	Varmint
459	.277	130	Spitzer SP Hot-Cor	.383	.242	100	Std Big Game
458	.277	130	Spitzer BTSP	.412	.242	100	Std Big Game
465	.277	130	Grand Slam SP Hot-Cor	.332	.242	50	Enhanced Big Game
740	.277	140	Trophy Bonded Bear Claw	.392	.261	25	Mission-Critical
605	.277	150	Spitzer SP Hot-Cor	.455	.279	100	Std Big Game
604	.277	150	Spitzer BTSP	.489	.279	100	Std Big Game
608	.277	150	Grand Slam SP Hot-Cor	.378	.279	50	Enhanced Big Game
28 Cal	liber—	7mm	(0.284 inch)				
616	.284	110	TNT HP	.384	.195	100	Varmint
1724	.284	110	TNT HP (bulk)	.384	.195	600	Varmint
615	.284	110	MHP Moly-coated	.398	.195	100	Varmint
617	.284	115	HP	.250	.204	100	Varmint
623	.284	130	Spitzer SP Hot-Cor	.368	.230	100	Std Big Game
624	.284	130	Spitzer BTSP	.424	.230	100	Std Big Game
625	.284	130	7-30 Waters FNSP Hot-Cor	.257	.230	100	Special Purpose
745	.284	140	Trophy Bonded Bear Claw	.360	.248	25	Mission-Critical
629	.284	145	Spitzer SP Hot-Cor	.416	.257	100	Std Big Game
628	.284	145	Spitzer BTSP	.472	.257	100	Std Big Game
632	.284	145	Grand Slam SP Hot-Cor	.353	.257	50	Enhanced Big Game
631	.284	145	Match BTHP	.468	.257	100	Match
635	.284	160	Spitzer SP Hot-Cor	.504	.283	100	Std Big Game
634	.284	160	Spitzer BTSP	.519	.283	100	Std Big Game
637	.284	160	Mag-Tip SP Hot-Cor	.340	.283	100	Std Big Game
638	.284	160	Grand Slam SP Hot-Cor	.389	.283	50	Enhanced Big Game
		160	Trophy Bonded Bear Claw	.380	.283	25	Mission-Critical

PART NO	DIAMETER	WT. (gr)	ТҮРЕ	B.C.	S.D.	BOX COUNT	USAGE
28 Ca	iber—	-7mm	(0.284 inch) continued				
1641	.284	175	Mag-Tip SP Hot-Cor	.382	.310	100	Std Big Game
1643	.284	175	Grand Slam SP Hot-Cor	.436	.310	50	Enhanced Big Gam
1755	.284	175	Trophy Bonded Bear Claw	.400	.310	25	Mission-Critical
30 Ca 1805	1iber (0 .308	100	Inch) Plinker® RNSP	.144	.151	100	Spacial Purpasa
1835	.308	110	Varminter HP	.144	.166	100	Special Purpose Varmint
1845	.308	110	30 Carbine RNSP Hot-Cor	.120	.166	100	Special Purpose
1846	.308	110	30 Carbine TMJ RN Uni-Cor	.130	.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	Std Big Game
2011	.308	150	30-30 Win FNSP Hot-Cor	.255	.226	100	Std Big Game
2017	.308	150	RNSP Hot-Cor	.235	.226	100	Std Big Game
2018	.308	150	FMJ BT	.425	.226	100	Std Big Game
2023	.308	150	Spitzer SP Hot-Cor	.377	.226	100	Std Big Game
2022	.308	150	Spitzer BTSP	.417	.226	100	Std Big Game
2025	.308	150	Mag-Tip SP Hot-Cor	.278	.226	100	Std Big Game
2026	.308	150	Grand Slam SP Hot-Cor	.295	.226	50	Enhanced Big Gam
1759	.308	150	Trophy Bonded Bear Claw	.335	.226	25	Mission-Critical
2035	.308	165	Spitzer SP Hot-Cor	.444	.248	100	Std Big Game
2034	.308	165	Spitzer BTSP	.520	.248	100	Std Big Game
2038	.308	165	Grand Slam SP Hot-Cor	.354	.248	50	Enhanced Big Gam
1760	.308	165	Trophy Bonded Bear Claw	.342	.248	25	Mission-Critical
2040	.308	168	Match BTHP	.534	.253	100	Match
2039	.308	168	Match BTHP MHP	.541	.253	100	Match
2041	.308	170	30-30 FNSP Hot-Cor	.298	.256	100	Std Big Game
2047	.308	180	Round Nose SP Hot-Cor	.312	.271	100	Std Big Game
2053	.308	180	Spitzer SP Hot-Cor	.441	.271	100	Std Big Game
2052	.308	180	Spitzer BTSP	.545	.271	100	Std Big Game
2059	.308	180	Mag-Tip SP Hot-Cor	.349	.271	100	Std Big Game
2063	.308	180	Grand Slam SP Hot Cor	.374	.271	50	Enhanced Big Gam
1765	.308	180	Trophy Bonded Bear Claw	.357	.271	25	Mission-Critical
2211	.308	200	Spitzer SP Hot-Cor	.478	.301	50	Std Big Game
2212	.308	200	Grand Slam SP Hot-Cor	.453	.301	50	Enhanced Big Gam
1770	.308	200	Trophy Bonded Bear Claw	.392	.301	25	Mission-Critical
31-32	Calibe	er—7.7	7mm—303 British (0.310-0.312	inch)			
2213	.310	123	7.62x39mm Spitzer SP Hot-Cor	.283	.183	100	Std Big Game
2217	.311	150	Spitzer SP Hot-Cor	.351	.222	100	Std Big Game
2223	.311	180	Round Nose SP Hot-Cor	.299	.266	100	Std Big Game
3981	.312	100	32-20 Win JHP	.167	.147	100	Varmint
32 Ca			(0.321-0.323 inch)				:
2259	.321	170	32 Win Spl FNSP Hot-Cor	.236	.236	100	Std Big Game
2277	.323	150	Spitzer SP Hot-Cor	.343	.205	100	Std Big Game
2283	.323	170	Semi-spitzer SP Hot-Cor	.311	.233	100	Std Big Game
2285	.323	200	Spitzer SP Hot-Cor	.440	.274	50	Std Big Game
338 C	aliber	(0.338	tinch)				
		-					1
	.338	200	Spitzer SP Hot-Cor	.426	.250	50	Std Big Game
2406	.338	200 225	Spitzer SP Hot-Cor Spitzer BTSP	.497	.281	50	Std Big Game
2406 2407	.338 .338	200 225 225	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor	.497 .382	.281 .281	50 50	Std Big Game Enhanced Big Gam
2406 2407 1775	.338 .338 .338	200 225 225 225	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw	.497 .382 .376	.281 .281 .281	50 50 25	Std Big Game Enhanced Big Gam Mission-Critical
2406 2407 1775 2408	.338 .338 .338 .338 .338	200 225 225 225 225 250	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor	.497 .382	.281 .281	50 50	Std Big Game Enhanced Big Gam Mission-Critical
2406 2407 1775 2408 358 C	.338 .338 .338 .338 .338 aliber	200 225 225 225 250 (0.358	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor Binch)	.497 .382 .376 .436	.281 .281 .281 .313	50 50 25 50	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam
2406 2407 1775 2408 358 C 2435	.338 .338 .338 .338 aliber .358	200 225 225 225 250 (0.358 180	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch) 35 Rem FNSP Hot-Cor	.497 .382 .376 .436 .236	.281 .281 .281 .313 .201	50 50 25 50 100	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game
2406 2407 1775 2408 358 C 2435 2439	.338 .338 .338 .338 aliber .358 .358	200 225 225 250 (0.358 180 220	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch) 35 Rem FNSP Hot-Cor 35 Rem FNSP Hot-Cor	.497 .382 .376 .436 .236 .286	.281 .281 .281 .313 .201 .245	50 50 25 50 100 50	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Std Big Game
2406 2407 1775 2408 358 C 2435 2439 1777	.338 .338 .338 .338 aliber .358 .358 .358	200 225 225 250 (0.358 180 220 225	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch) 35 Rem FNSP Hot-Cor 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw	.497 .382 .376 .436 .236 .286 .350	.281 .281 .313 .201 .245 .251	50 50 25 50 100 50 25	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Std Big Game Mission-Critical
2406 2407 1775 2408 358 C 2435 2439 1777 2453	.338 .338 .338 .338 aliber .358 .358 .358 .358	200 225 225 250 (0.358 180 220 225 250	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch 35 Rem FNSP Hot-Cor 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor	.497 .382 .376 .436 .236 .286 .350 .422	.281 .281 .281 .313 .201 .245 .251 .279	50 50 25 50 100 50 25 50	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Std Big Game Mission-Critical Std Big Game
2406 2407 1775 2408 358 C 2435 2439 1777 2453 2455	.338 .338 .338 .338 .338 .358 .358 .358	200 225 225 250 (0.358 180 220 225 250 250	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor	.497 .382 .376 .436 .236 .286 .350	.281 .281 .313 .201 .245 .251	50 50 25 50 100 50 25	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Std Big Game Mission-Critical Std Big Game
2406 2407 1775 2408 358 C 2435 2439 1777 2453 2455 9.3mm	.338 .338 .338 .338 .358 .358 .358 .358	200 225 225 250 (0.358 180 220 225 250 250 250 66 incl	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch) 35 Rem FNSP Hot-Cor 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor	.497 .382 .376 .436 .236 .286 .350 .422 .353	.281 .281 .281 .313 .201 .245 .251 .279 .279	50 50 25 50 100 50 25 50 50	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Std Big Game Mission-Critical Std Big Game Enhanced Big Gam
2406 2407 1775 2408 358 C 2435 2439 1777 2453 2455 9.3mm 2459	.338 .338 .338 .338 .358 .358 .358 .358	200 225 225 250 (0.358 180 220 225 250 250 66 incl 270	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch) 35 Rem FNSP Hot-Cor 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor b	.497 .382 .376 .436 .236 .286 .350 .422	.281 .281 .281 .313 .201 .245 .251 .279	50 50 25 50 100 50 25 50	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Std Big Game Mission-Critical Std Big Game
2406 2407 1775 2408 358 C 2435 2439 1777 2453 2455 9.3mr 2459 375 C	.338 .338 .338 .338 .358 .358 .358 .358	200 225 225 250 (0.358 180 220 225 250 250 250 66 incl 270 (0.375	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch) 35 Rem FNSP Hot-Cor 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor Semi-Spitzer SP Hot-Cor 5 inch)	.497 .382 .376 .436 .236 .286 .350 .422 .353 .361	.281 .281 .313 .201 .245 .251 .279 .279 .279 .288	50 50 25 50 100 50 25 50 50 50	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Mission-Critical Std Big Game Enhanced Big Gam Std Big Game
2406 2407 1775 2408 358 C 2435 2439 1777 2453 2455 9.3mr 2459 375 C 2471	.338 .338 .338 .338 .358 .358 .358 .358	200 225 225 250 (0.358 180 220 225 250 250 250 250 66 incl 270 (0.375	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 35 Rem FNSP Hot-Cor 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor h Semi-Spitzer SP Hot-Cor 5 inch Semi-spitzer SP Hot-Cor	.497 .382 .376 .436 .286 .350 .422 .353 .351 .361	.281 .281 .281 .21 .245 .251 .279 .279 .279 .288	50 50 25 50 100 50 25 50 50 50	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Mission-Critical Std Big Game Enhanced Big Game Std Big Game Std Big Game
2406 2407 1775 2408 358 C 2435 2439 1777 2453 2455 9.3mr 2459 375 C 2459 375 C 2471 1778	.338 .338 .338 .338 .358 .358 .358 .358	200 225 225 250 (0.358 180 220 225 250 250 66 incl 270 (0.375 235 250	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch) 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor 6 Semi-Spitzer SP Hot-Cor 5 inch) Semi-spitzer SP Hot-Cor Trophy Bonded Bear Claw	.497 .382 .376 .436 .286 .350 .422 .353 .351 .361 .301 .286	.281 .281 .281 .281 .245 .245 .251 .279 .279 .279 .288 .288 .239 .254	50 50 25 50 100 50 25 50 50 50 50 50 25	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Game Std Big Game Mission-Critical Std Big Game Enhanced Big Game Std Big Game Mission-Critical
2406 2407 1775 2408 358 Cc 2439 2439 2453 2455 9.3mr 2459 375 Cc 2471 1778 2472	.338 .338 .338 .338 .358 .358 .358 .358	200 225 225 250 (0.358 250 250 250 250 250 250 250 250 270 235 250 270	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch) 35 Rem FNSP Hot-Cor 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor 6 inch) Semi-Spitzer SP Hot-Cor 7 inchy Semi-spitzer SP Hot-Cor Trophy Bonded Bear Claw Spitzer BTSP	.497 .382 .376 .436 .286 .350 .422 .353 .361 .361 .301 .286 .478	.281 .281 .281 .313 .201 .245 .251 .279 .279 .279 .288 .239 .254 .274	50 50 25 50 100 50 25 50 50 50 50 25 50 25 50	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Std Big Game Enhanced Big Game Std Big Game Std Big Game Mission-Critical Std Big Game
2406 2407 1775 2408 358 C 2435 2439 1777 2453 2455 9.3mt 2459 375 C 2471 1778 2472 2473	.338 .338 .338 .338 .358 .358 .358 .358	200 225 225 225 220 (0.358 180 220 250 250 250 250 250 250 270 235 250 270 235 250 270 235	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch 35 Rem FNSP Hot-Cor 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor b Semi-Spitzer SP Hot-Cor inch Semi-spitzer SP Hot-Cor Trophy Bonded Bear Claw Spitzer BTSP Grand Slam SP Hot Cor	.497 .382 .376 .436 .286 .350 .422 .353 .361 .361 .301 .286 .478 .354	.281 .281 .281 .313 .201 .245 .251 .279 .279 .279 .288 .239 .254 .274 .290	50 50 25 50 50 25 50 50 50 50 50 25 50 50 50 50	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Mission-Critical Std Big Game Enhanced Big Game Std Big Game Mission-Critical Std Big Game Enhanced Big Game Enhanced Big Game
2406 2407 1775 2408 358 C 2435 2439 1777 2453 2455 9.3mr 2459 375 C 2471 1778 2472 2473 1780	.338 .338 .338 .338 .358 .358 .358 .358	200 225 225 225 220 (0.358 180 220 220 250 250 250 250 250 250 270 235 250 250 235 250 235 250 235 250 235 250 250 250 250 250 250 255 255 255 25	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch SRem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor b Semi-Spitzer SP Hot-Cor 5 inch Semi-spitzer SP Hot-Cor Trophy Bonded Bear Claw Spitzer BTSP Grand Slam SP Hot Cor Trophy Bonded Bear Claw	.497 .382 .376 .436 .286 .350 .422 .353 .361 .361 .301 .286 .478	.281 .281 .281 .313 .201 .245 .251 .279 .279 .279 .288 .239 .254 .274	50 50 25 50 100 50 25 50 50 50 50 25 50 25 50	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Std Big Game Enhanced Big Game Std Big Game Std Big Game Mission-Critical Std Big Game
2406 2407 1775 2408 358 C 2435 2435 2435 2435 9.3mr 2455 9.3mr 2455 9.3mr 2455 9.3mr 2457 2471 1778 2472 2473 1780 416 C	.338 .338 .338 .338 .338 .358 .358 .358	200 225 225 250 (0.358 250 250 250 250 250 250 250 250 250 250	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 fRem FNSP Hot-Cor 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor 5 inch) Semi-Spitzer SP Hot-Cor Trophy Bonded Bear Claw Spitzer BTSP Grand Slam SP Hot Cor Trophy Bonded Bear Claw inch)	.497 .382 .376 .436 .236 .286 .350 .422 .353 .361 .361 .286 .478 .354 .336	.281 .281 .281 .313 .201 .245 .251 .279 .279 .279 .288 .239 .254 .239 .254 .274 .290 .305	50 50 25 50 50 50 50 50 50 50 50 50 25 50 50 25	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Std Big Game Enhanced Big Game Std Big Game Std Big Game Mission-Critical Std Big Game Mission-Critical
2406 2407 1775 2408 358 C. 2435 2435 2439 1777 2453 2455 9.3mr 2455 9.3mr 2455 375 C. 2471 1778 2472 2473 1780 416 C. 2477	.338 .338 .338 .338 .338 .338 .358 .358	200 225 225 250 (0.358 250 250 250 250 250 250 250 250 250 250	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch) 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor b Semi-Spitzer SP Hot-Cor Trophy Bonded Bear Claw Spitzer BTSP Grand Slam SP Hot Cor Trophy Bonded Bear Claw Spitzer BTSP Grand Slam SP Hot Cor Trophy Bonded Bear Claw	.497 .382 .376 .436 .286 .350 .422 .353 .361 .361 .381 .286 .478 .354 .336	.281 .281 .281 .245 .251 .279 .279 .279 .288 .288 .239 .254 .239 .254 .274 .290 .305	50 50 25 50 50 50 50 50 50 50 50 50 50 55 50	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Std Big Game Enhanced Big Gam Std Big Game Mission-Critical Std Big Game Mission-Critical Std Big Game Enhanced Big Gam Mission-Critical Std Big Game
2406 2407 2408 358 C 2435 2439 1777 2453 2455 9.3mr 2459 375 C 2471 1778 2472 2473 1780 416 C 2477 1785	.338 .338 .338 .338 .358 .358 .358 .358	200 225 225 225 250 250 250 250 250 250	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch) 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor 5 inch) Semi-Spitzer SP Hot-Cor Trophy Bonded Bear Claw Spitzer BTSP Grand Slam SP Hot Cor Trophy Bonded Bear Claw 5 inch) Mag-Tip SP Hot-Cor Trophy Bonded Bear Claw 5 inch	.497 .382 .376 .436 .236 .286 .350 .422 .353 .361 .361 .286 .478 .354 .336	.281 .281 .281 .313 .201 .245 .251 .279 .279 .279 .288 .239 .254 .239 .254 .274 .290 .305	50 50 25 50 50 50 50 50 50 50 50 50 25 50 50 25	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Std Big Game Enhanced Big Game Std Big Game Std Big Game Mission-Critical Std Big Game Mission-Critical
2406 2407 2408 358 C 2435 2435 2435 2455 9.3mr 2455 9.3mr 2455 9.3mr 2455 2471 1778 2472 2473 1780 416 C 2477 1785 45 C	.338 .338 .338 .338 .358 .358 .358 .358	200 225 225 250 250 250 250 250 250 250	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch) 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor 5 inch) Semi-Spitzer SP Hot-Cor Trophy Bonded Bear Claw Spitzer BTSP Grand Slam SP Hot Cor Trophy Bonded Bear Claw 5 inch) Mag-Tip SP Hot-Cor Trophy Bonded Bear Claw 5 inch)	497 .382 .376 436 226 .286 .350 422 .353 .361 .286 .478 .354 .336 .332 .374	281 281 281 313 201 245 251 279 279 279 279 279 279 279 279 279 279	50 50 25 50 50 50 50 50 50 25 50 25 50 25 50 25	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Std Big Game Enhanced Big Game Std Big Game Std Big Game Mission-Critical Std Big Game Enhanced Big Gam Mission-Critical Std Big Game
2406 2407 1775 2408 358 C 2435 2439 1777 2453 2459 9.3mr 2459 9.3mr 2459 9.3mr 2459 2471 1778 2472 2472 2473 1780 416 C 2477 1785 45 C	.338 .338 .338 .338 .338 .358 .358 .358	200 225 225 250 250 250 250 250 250 250	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch) 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor 5 inch) Semi-Spitzer SP Hot-Cor Trophy Bonded Bear Claw Spitzer BTSP Grand Slam SP Hot Cor Trophy Bonded Bear Claw 5 inch Mag-Tip SP Hot-Cor Trophy Bonded Bear Claw 5 inch Mag-Tip SP Hot-Cor	497 ,382 ,376 ,436 ,286 ,350 ,422 ,353 ,422 ,353 ,422 ,353 ,422 ,353 ,422 ,353 ,354 ,334 ,334 ,334 ,334 ,374	281 281 281 333 201 245 251 279 279 279 279 279 279 279 279 279 279	50 50 25 50 50 50 50 50 50 50 50 50 25 50 25 50 25 50	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Std Big Game Enhanced Big Game Std Big Game Std Big Game Mission-Critical Std Big Game Enhanced Big Gam Mission-Critical Std Big Game Mission-Critical Std Big Game
2406 2407 1775 2408 358 C 2439 1777 2453 2455 9.3m 2459 9.3m 2459 9.3m 2459 9.3m 2459 2471 1778 2472 2473 1780 416 C 2477 1785 45 C al 2482	.338 .338 .338 .338 .338 .338 .358 .358	200 225 225 225 250 250 250 250 250 250	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 frem FNSP Hot-Cor 3 5 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor 5 inch) Semi-Spitzer SP Hot-Cor Trophy Bonded Bear Claw Spitzer BTSP Grand Slam SP Hot Cor Trophy Bonded Bear Claw Spitzer BTSP Grand Slam SP Hot Cor Trophy Bonded Bear Claw inch) Mag-Tip SP Hot-Cor Trophy Bonded Bear Claw 0.459 inch) 45-70 / 450 Marlin FNHP Uni-Cor	497 ,382 ,376 ,436 ,236 ,236 ,350 ,422 ,353 ,422 ,353 ,361 ,286 ,478 ,354 ,336 ,332 ,332 ,332 ,332 ,332 ,332 ,332	.281 .281 .281 .313 .201 .245 .251 .279 .279 .279 .279 .279 .239 .254 .274 .290 .305 .254 .290 .305	50 50 25 50 50 50 50 50 50 25 50 25 50 25 50 25 50 25 50 25	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Std Big Game Enhanced Big Game Std Big Game Std Big Game Std Big Game Enhanced Big Gam Mission-Critical Std Big Game Std Big Game
2406 2407 1775 2408 358 C 2439 2439 1777 2453 2459 375 C 2477 1785 2477 1785 416 C 2477 1785 416 C 2477 1785 416 C 2477	.338 .338 .338 .338 .338 .358 .358 .358	200 225 225 225 225 250 220 250 250 250	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch) 35 Rem FNSP Hot-Cor 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor inch) Semi-Spitzer SP Hot-Cor Trophy Bonded Bear Claw Spitzer BTSP Grand Slam SP Hot Cor Trophy Bonded Bear Claw Spitzer BTSP Grand Slam SP Hot Cor Trophy Bonded Bear Claw 5 inch) Mag-Tip SP Hot-Cor Trophy Bonded Bear Claw 5.459 inch) 45-70 / 450 Marlin FNHP Uni-Cor 45-70 / 450 Marlin FNSP	497 .382 .376 436 .236 .286 .350 422 .353 .301 .286 .478 .354 .354 .354 .354 .354 .354 .354 .354	281 281 281 313 201 245 251 279 279 288 288 239 254 274 290 305 289 305 289 305	50 50 25 50 25 50 50 50 25 50 50 25 50 50 25 50 50 50 50 50 50 50	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Game Std Big Game Std Big Game Enhanced Big Game Std Big Game Std Big Game Enhanced Big Game Mission-Critical Std Big Game Enhanced Big Game Std Big Game
2406 2407 1775 2408 358 C 2435 2439 1777 2453 2453 2455 9.3mt 2459 375 C 2471 1778 2472 2473 1780 416 C 2477 1785 45 C 2482 2478 2482 2478	.338 .338 .338 .338 .338 .358 .358 .358	200 225 225 225 225 225 220 225 220 220	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch) 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor Semi-Spitzer SP Hot-Cor Trophy Bonded Bear Claw Spitzer BTSP Grand Slam SP Hot Cor Trophy Bonded Bear Claw C0.459 Inch] 45-70 / 450 Marlin FNHP Uni-Cor 45-70 / 450 Marlin FNHP Uni-Cor 45-70 / 450 Marlin FNSP Trophy Bonded Bear Claw	497 .382 .376 436 286 .350 422 .353 422 .353 .351 .301 .286 478 .354 .336 .335 .336 .332 .336 .332 .336 .332 .332 .336 .332 .336 .332 .336 .336	281 281 281 313 201 245 245 251 279 279 288 239 229 254 274 290 305 254 274 290 305 254 274 290 305	50 50 25 50 50 50 50 50 50 25 50 50 25 50 50 25 50 50 50 50 50 50 50 50 50 50	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Gam Std Big Game Std Big Game Enhanced Big Game Std Big Game Std Big Game Mission-Critical Std Big Game Mission-Critical Std Big Game Mission-Critical Std Big Game Mission-Critical Std Big Game Std Big Game Std Big Game Std Big Game Std Big Game Std Big Game Std Big Game
2406 2407 1775 2408 358 C 2435 2439 2439 2455 2455 9.3m 777 2453 375 C 2471 1780 416 Ca 2477 1785 45 Ca 2478 2478 2479 2479 2479 2479	.338 .338 .338 .338 .338 .358 .358 .358	200 225 225 225 225 250 250 250 250 250	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch) 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor 5 inch) Semi-Spitzer SP Hot-Cor Trophy Bonded Bear Claw Spitzer BTSP Grand Slam SP Hot Cor Trophy Bonded Bear Claw Spitzer BTSP Grand Slam SP Hot Cor Trophy Bonded Bear Claw 5 inch) Mag-Tip SP Hot-Cor Trophy Bonded Bear Claw 5 inch) 45-70 / 450 Marlin FNHP Uni-Cor 4558 Win Mag-Tip SP Hot-Cor 4559 Inch) Trophy Bonded Bear Claw 45-70 / 450 Marlin FNSP Trophy Bonded Bear Claw	497 382 376 436 286 286 422 353 422 353 422 353 422 353 422 353 422 335 336 286 478 335 336 286 478 335 286 478 335 286 478 335 478 478 478 478 478 478 478 478	281 281 281 313 201 245 251 279 279 279 279 279 279 279 279 279 279	50 50 25 50 50 50 50 50 50 25 50 25 50 50 25 50 50 50 50 50 50 50 50 50 50 25	Std Big Game Enhanced Big Gam Mission-Critical Enhanced Big Game Std Big Game Std Big Game Enhanced Big Game Std Big Game Std Big Game Mission-Critical Std Big Game Mission-Critical Std Big Game Std Big Game Mission-Critical Std Big Game Std Big Game
2435 2439 1777 2453 2455 9.3mr 2459 375 C 2471 1778 2472 2473 1780 416 C 2477 1785 45 C 2482 2478 2482 2478 2482 2479 1790 2480	338 338 338 338 338 358 358 358 358 358	200 225 225 225 250 250 250 250 250 250	Spitzer SP Hot-Cor Spitzer BTSP Grand Slam SP Hot-Cor Trophy Bonded Bear Claw Grand Slam SP Hot-Cor 3 inch) 35 Rem FNSP Hot-Cor Trophy Bonded Bear Claw Spitzer SP Hot-Cor Grand Slam SP Hot-Cor Semi-Spitzer SP Hot-Cor Trophy Bonded Bear Claw Spitzer BTSP Grand Slam SP Hot Cor Trophy Bonded Bear Claw C0.459 Inch] 45-70 / 450 Marlin FNHP Uni-Cor 45-70 / 450 Marlin FNHP Uni-Cor 45-70 / 450 Marlin FNSP Trophy Bonded Bear Claw	497 .382 .376 436 286 .350 422 .353 422 .353 .351 .301 .286 478 .354 .336 .335 .336 .332 .336 .332 .336 .332 .332 .336 .332 .336 .332 .336 .336	281 281 281 313 201 245 245 251 279 279 288 239 229 254 274 290 305 254 274 290 305 254 274 290 305	50 50 25 50 50 50 50 50 50 25 50 50 25 50 50 25 50 50 50 50 50 50 50 50 50 50	Std Big Game Enhanced Big Gan Mission-Critical Enhanced Big Gam Std Big Game Std Big Game Enhanced Big Game Std Big Game

	PART NO.	DIAMETER	WT. (gr)	ТҮРЕ	B.C.	S.D.	BOX COUNT	USAGE
	25 Ca	liber (0	.251 i	inch)				
	3985	.251	35	25 Auto GDHP HP	.091	.079	100	GD SD
	3982	.251	50	25 Auto TMJ RN	.110	.113	100	GP/Practice
	32 Ca	.312	.312- 60	32 Auto GDHP	.118	.088	100	GD SD
	3987	.312	85	32 Revolver JHP	.121	.125	100	Std JHP/JSP
	4600	.314	98	lead HBWC (bulk)	.044	.142	1000	Lead
	3981	.312	100	32 Revolver JHP	.167	.147	100	Std JHP/JSP
		(0.355	_					CD CD
	3992 4001	.355 .355	90 95	380 Auto GDHP 380 Auto TMJ RN	.101 .131	.102 .108	100 100	GD SD GP/Practice
	3994	.355	95 115	9mm Luger GDHP	.125	.100	100	GD SD
	3995	.355	115	9mm Luger TMJ RN	.151	.130	100	GP/Practice
	4730	.355	115	9mm Luger TMJ RN (bulk)	.151	.130	650	GP/Practice
	3998	.355	124	9mm Luger GDHP	.134	.141	100	GD SD
EW!	4000	.355	124	9mm Luger GDHP SB	.139	.141	100	GD SD
	3997 4360	.355 .355	124 125	9mm Luger FN UCSP 357 SIG/38 Super GDHP	.115 .141	.141 .142	100 100	Std JHP/JSP GD SD
	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
	4601	.356	125	9mm Luger lead RN	.155	.141	100	Lead
	4602	.356	125	9mm Luger lead RN (bulk)	.155	.141	500	Lead
	4010 4006	.355 .355	130 147	9mm Luger Match TMJ FN 9mm Luger TMJ FN	.165 .188	.147 .167	100 100	Match GP/Practice
	4000	.355	147	9mm Luger GDHP	.164	.167	100	GD SD
				0.358 inch)				
	4007	.357	110	38/357 UCHP	.113	.123	100	Std JHP/JSP
	4009	.357	110	38 Special GDHP SB	.117	.123	100	GD SD
	4011	.357	125	38/357 UCSP	.129	.140	100	Std JHP/JSP
	4013 4012	.357 .357	125 125	38/357 UCHP 357 Mag GDHP	.129 .140	.140 .140	100 100	Std JHP/JSP GD SD
	4012	.357	125	38/357 TMJ FN	.140	.140	100	GP/Practice
	4014	.357	135	38/357 GDHP SB	.141	.151	100	GD SD
	4203	.357	140	38/357 UCHP	.145	.157	100	Std JHP/JSP
	4205	.357	146	38/357 JHP-SWC	.159	.164	100	Std JHP/JSP
	4016	.357	147	38/357 GDHP SB	.153	.165	100	GD SD
	4605 4606	.358 .358	148 148	bevel-base lead WC bevel-base lead WC (bulk)	.052 .052	.165 .165	100 500	Lead Lead
	4611	.358	148	double-ended lead WC (bulk)	.052	.165	500	Lead
	4617	.358	148	hollow base lead WC	.050	.165	100	Lead
	4618	.358	148	hollow base lead WC (bulk)	.050	.165	500	Lead
	4211	.357	158	357 Mag UCHP	.163	.177	100	Std JHP/JSP
	4732	.357	158	357 Mag UCHP (bulk)	.163	.177	450	Std JHP/JSP
	4217 4215	.357 .357	158 158	357 Mag UCSP 357 Mag GDHP	.164 .168	.177 .177	100 100	Std JHP/JSP GD SD
	4207	.357	158	357 Mag TMJ FN	.173	.177	100	GP/Practice
	4623	.358	158	lead SWC	.123	.176	100	Lead
	4624	.358	158	lead SWC (bulk)	.123	.176	500	Lead
	4627	.358	158	lead SWC HP	.121	.176	100	Lead
	4628 4647	.358 .358	158 158	lead SWC HP (bulk) lead RN	.121 .170	.176 .176	500 100	Lead Lead
	4648	.358	158	lead RN (bulk)	.170	.176	500	Lead
	4629	.358	158	Idaho Territory lead FN	.136	.176	100	Lead
	4630	.358	158	Idaho Territory lead FN (bulk)	.136	.176	500	Lead
	4230	.357	170	357 Mag GDSP	.185	.191	100	Gold Dot Hunting
	4229	.357	180 200	357 Mag Sil. Match TMJ	.230	.202	100	Match
	4231 9mm	.357 Makar		358 Mag Sil. Match TMJ 364 inch)	.236	.224	100	Match
	3999	.364	90	9mm Makarov GDHP	.107	.097	100	GD SD
	4375	.364	95	9mm Makarov TMJ RN	.127	.102	100	GP/Practice
	40 Ca	ilber/1	0mm	(0.400 inch)				
	4399	.400	155	40/10mm TMJ FN	.125	.138	100	GP/Practice
	4400	.400	155	40/10mm GDHP	.123	.138	100	GD SD
	4397 4410	.400 .400	165 165	40/10mm GDHP 40/10mm TMJ FN	.138 .135	.147 .147	100 100	GD SD 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	GD SD
EW!	4401	.400	180	40/10mm GDHP SB	.148	.161	100	GD SD
	4403	.400	200	40/10mm TMJ FN	.168	.179	100	GP/Practice
	41 Ca	liber (0 .410	200	41 Mag JHP-SWC	.113	.170	100	Std JHP/JSP
	4405	.410	200	41 Mag GDHP	.115	.170	100	Gold Dot Hunting
	4417	.410	220	41 Mag JSP-SWC	.137	.187	100	Std JHP/JSP
	44 Ca	liber (0	.429-	0.430 inch)				
	4425	.429	200	44 Mag JHP	.122	.155	100	Std JHP/JSP
	4427	.429	200	44 Special GDHP	.145	.155	100	GD SD
	4662 4663	.430 .430	200 200	Idaho Territory lead FN Idaho Territory lead FN (bulk)	.130 .130	.155 .155	100 500	Lead Lead
				in the second second				

Price Virie Virie <th< th=""><th></th><th></th><th colspan="7"></th></th<>									
44 Caliber (0.429-0.430 inch) continued 4428 .429 210 44 Mag GDHP .154 .163 100 Gold Dot Hunting 4438 .429 225 44 Mag JHP.SWC .157 .186 100 Std JHP/JSP 4447 .429 240 44 Mag GDHP .157 .186 100 Gold Dot Hunting 4455 .429 240 44 Mag GDHP .155 .186 100 Gold Dot Hunting 4453 .429 240 44 Mag JPP (bulk) .156 .186 100 Std JHP/JSP 4457 .429 240 44 Mag JSP (bulk) .164 .186 100 Std JHP/JSP 4453 .429 240 44 Mag JSP (bulk) .164 .186 100 Match 4456 .430 240 lead SWC (bulk) .151 .185 100 Lead 4461 .430 .243 .444 Mag GDSP .193 .210 .50 Gold Dot Hunting 44461 .431 185		NO.	ETER	gr)				INNO	
44 Caliber (0.429-0.430 inch) continued 4428 422 210 44 Mag GDHP .154 .163 100 Gold Dot Hunting 4433 429 224 44 Mag JHP-SWC .157 .186 100 Sci JHP/JSP 4455 429 240 44 Mag JHP-SWC .157 .186 100 Gold Dot Hunting 4453 429 240 44 Mag JHP .165 .186 100 Gold Dot Hunting 4453 429 240 44 Mag JHP .165 .186 100 Sci JHP/JSP 4457 429 240 44 Mag JSP .164 .186 100 Sci JHP/JSP 4453 420 240 44 Mag JSP (bulk) .164 .186 100 March 4466 430 240 lead SWC .151 .185 100 Lead 4461 429 270 44 Mag GDSP .193 .210 50 Gold Dot Hunting 44464 431 185 45		PART	DIAM		TYPF	8.C.	5.D.	BOX C	USAGE
4435 429 225 44 Mag JHP-SWC 1.46 .175 186 100 Std JHP/JSP 4447 429 240 44 Mag GDPH .175 .186 100 Gold Dot Hunting 4455 429 240 44 Mag GDSP .175 .186 100 Gold Dot Hunting 4453 429 240 44 Mag JPP .165 .186 100 Std JHP/JSP 4736 429 240 44 Mag JPP .164 .186 300 Std JHP/JSP 4457 429 240 44 Mag JSP (bulk) .151 .185 100 Match 4459 429 240 44 Mag SIP (bulk) .151 .185 100 Lead 4461 430 240 lead SWC (bulk) .151 .185 500 Lead 4476 451 185 45 Auto TMJ FN .094 .130 100 Match 4474 451 185 45 Auto Match TMJ SWC .030 100 <t< th=""><th>1</th><th>44 Cal</th><th>iber (0</th><th>.429-</th><th></th><th></th><th></th><th></th><th></th></t<>	1	44 Cal	iber (0	.429-					
4447 429 240 44 Mag JHP-SWC 157 .186 100 Std JHP/JSP 4455 429 240 44 Mag GDSP .175 .186 100 Gold Dot Hunting 4456 429 240 44 Mag JHP .155 .186 100 Std JHP/JSP 4736 429 240 44 Mag JSP .164 .186 100 Std JHP/JSP 4457 429 240 44 Mag JSP .164 .186 100 Std JHP/JSP 4477 429 240 44 Mag JSN bulk) .164 .186 100 Match 4466 .30 240 lead SWC .151 .185 100 Lead 4461 .429 200 44 Mag GDSP .193 .210 50 Gold Det Hunting 4443 .451 185 45 Auto MAUCSP .213 .233 50 Std JHP/JSP 4473 .451 185 45 Auto CMJFP .199 .130 100 Match </td <td>1</td> <td>4428</td> <td>.429</td> <td>210</td> <td>44 Mag GDHP</td> <td>.154</td> <td>.163</td> <td>100</td> <td>Gold Dot Hunting</td>	1	4428	.429	210	44 Mag GDHP	.154	.163	100	Gold Dot Hunting
4455 429 240 444 Mag GDHP .175 .186 100 Gold Dot Hunting 4456 429 240 444 Mag JHP .165 .186 100 Std JHP/JSP 4473 429 240 444 Mag JSP .164 .186 100 Std JHP/JSP 4473 429 240 444 Mag JSP .164 .186 100 Std JHP/JSP 4473 429 240 444 Mag JSP .164 .186 100 Match 4450 430 240 lead SWC .151 .185 100 Match 4461 429 270 444 Mag GDSP .151 .185 500 Lead 4463 429 270 444 Mag GDSP .193 .100 Match 4473 451 185 45 Auto TMJ FN .094 .130 100 Match 4473 451 185 45 Auto TMJ FN .094 .130 100 Match 4473		4435	.429	225	44 Mag JHP-SWC	.146	.175	100	Std JHP/JSP
4456 429 240 444 Mag GDSP 1.75 1.86 100 Gold Dot Hunting 4453 429 240 444 Mag JHP 1.65 1.86 100 Std JHP/JSP 4473 429 240 444 Mag JSP 1.164 1.86 100 Std JHP/JSP 4473 429 240 444 Mag JSP (bulk) 1.64 1.86 100 Match 4459 429 240 44 Mag JSP (bulk) 1.64 1.86 100 Match 4460 430 240 lead SWC (bulk) 1.51 1.85 500 Lead 4461 429 270 44 Mag GDSP 1.91 1.30 100 Gold Dot Hunting 4463 429 300 44 Mag GDSP 1.93 1.40 100 Lead 4473 451 185 45 Auto GDHP 1.90 1.30 100 GD SD 4474 451 185 45 Auto GDHP 1.98 1.40 100 Match		4447	.429	240	44 Mag JHP-SWC	.157	.186	100	Std JHP/JSP
4453 429 240 44 Mag JHP .165 .186 100 Std JHP/JSP 4453 .429 240 44 Mag JSP .164 .186 300 Std JHP/JSP 4457 .429 240 44 Mag JSP (bulk) .164 .186 100 Std JHP/JSP 4459 .429 240 44 Mag JSP (bulk) .164 .186 100 Match 4660 .430 240 lead SWC (bulk) .151 .185 100 Lead 4661 .429 270 44 Mag GDSP .193 .210 50 Gold Det Hunting 4446 .429 300 44 Mag GDSP .133 .100 Match 4476 .451 .185 .45 Auto TMJ FN .094 .130 100 GD SD 4478 .451 .185 .45 Auto GDHP .138 .140 100 Lead 4478 .451 .200 .45 Auto Match TMJ SWC .128 .140 100 Match </td <td></td> <td>4455</td> <td>.429</td> <td>240</td> <td>44 Mag GDHP</td> <td>.175</td> <td>.186</td> <td>100</td> <td>Gold Dot Hunting</td>		4455	.429	240	44 Mag GDHP	.175	.186	100	Gold Dot Hunting
4736 4.29 240 444 Mag JSP 1.65 1.86 300 Std JHP/JSP 4457 4.29 240 444 Mag JSP 1.64 1.86 100 Std JHP/JSP 4459 4.29 240 444 Mag JSP (bulk) 1.64 1.86 300 Std JHP/JSP 4460 4.30 240 lead SWC 1.51 1.85 100 Lead 4461 4.29 270 444 Mag LSP .93 2.10 50 Gold Dot Hunting 4461 4.29 270 444 Mag LSP .94 1.30 100 Lead 4474 4.51 185 45 Auto TMJ FN .094 .130 100 Gold Dot Hunting 4473 4.51 185 45 Auto TMJ FN .094 .130 100 Gold Dot Hunting 4473 4.51 185 45 Auto GDHP .199 .130 100 Gold Dot Filt 4470 4.51 120 45 Auto GDHP .138 .140 100		4456	.429	240	44 Mag GDSP	.175	.186	100	Gold Dot Hunting
4457 429 240 44 Mag JSP 1.64 1.86 100 Std JHP/JSP 4737 429 240 44 Mag SIP (bulk) 1.64 1.86 300 Std JHP/JSP 4459 429 240 44 Mag SIP (bulk) 1.61 1.86 100 Match 4660 430 240 lead SWC (bulk) 1.51 1.85 100 Lead 4461 429 270 44 Mag GDSP 1.93 2.10 50 Gold Dot Hunting 4463 429 300 44 Mag GDSP .213 2.33 50 Std JHP/JSP 4474 451 185 45 Auto TMJ FN .094 1.30 100 Gold Dot Hunting 4473 451 185 45 Auto GDHP 1.38 1.40 100 GD SD 4474 451 185 45 Auto GDHP 1.38 1.40 100 Match 4475 451 200 45 Auto GDHP 1.38 1.40 100 Match </td <td></td> <td>4453</td> <td>.429</td> <td>240</td> <td>44 Mag JHP</td> <td>.165</td> <td>.186</td> <td>100</td> <td>Std JHP/JSP</td>		4453	.429	240	44 Mag JHP	.165	.186	100	Std JHP/JSP
4737 429 240 444 Mag JSP (bulk) 1.64 1.86 300 Std JHP/JSP 4459 429 240 44 Mag SIL Match TMJ 206 1.86 100 Match 4661 430 240 lead SWC (bulk) 1.51 1.85 500 Lead 4461 429 270 44 Mag GDSP 1.93 2.10 50 Gold Dot Hunting 4463 429 300 44 Mag USP 2.13 2.33 50 Std JHP/JSP 4476 451 185 45 Auto TMJ FN .094 1.30 100 GP/Practice 4477 451 185 45 Auto GDHP 1.38 1.40 100 GD SD 4478 451 200 45 Auto GDHP 1.38 1.40 100 Lead 4477 451 200 45 Auto GDHP 1.38 1.40 100 Lead 4478 451 200 45 Auto CDHP 1.38 1.40 100 GD P/Practice <td></td> <td>4736</td> <td>.429</td> <td>240</td> <td>44 Mag JHP (bulk)</td> <td>.165</td> <td>.186</td> <td>300</td> <td>Std JHP/JSP</td>		4736	.429	240	44 Mag JHP (bulk)	.165	.186	300	Std JHP/JSP
4459 429 240 44 Mag Sil. Match TMJ .206 .186 100 Match 4660 .430 240 lead SWC .151 .185 100 Lead 4661 .430 240 lead SWC (bulk) .151 .185 500 Lead 4461 .429 270 .44 Mag USP .213 .233 50 StdJHP/JSP 45 .451 .455 .45 Auto TMJ FN .094 .130 100 GP/Practice 4476 .451 .185 .45 Auto GDHP .138 .140 100 GD SD 4478 .451 .185 .45 Auto GDHP .138 .140 100 Lead 4678 .451 .200 .45 Auto GDHP .138 .140 100 Match 4471 .451 .200 .45 Auto Bad SWC (bulk) .078 .140 100 Lead 4473 .451 .200 .45 Auto TMJ FN .102 .140 100 Lead		4457	.429	240	44 Mag JSP	.164	.186	100	Std JHP/JSP
4660 430 240 lead SWC .151 .185 100 Lead 4661 430 240 lead SWC (bulk) .151 .185 500 Lead 4461 4.29 270 4.4 Mag GDSP .193 .210 50 Gold Dot Hunting 4461 4.29 270 4.4 Mag GDSP .133 .200 50 Stol JHP/JSP 45 Cu-St-U-451-0.451 mbodia 4.4 Mag UCSP .213 .233 50 Stol JHP/JSP 4475 4.51 185 4.5 Auto Match TMJ SWC .090 .130 100 Match 4470 4.51 185 4.5 Auto GDHP .138 .140 100 Lead 4477 4.51 200 4.5 Auto Bad SWC .078 .140 100 Match 4478 4.51 200 4.5 Auto Match TMJ SWC .128 .140 100 GP/Practice 4479 4.51 2.25 4.5 Cot JHP .169 .158 100 </td <td></td> <td>4737</td> <td>.429</td> <td>240</td> <td>44 Mag JSP (bulk)</td> <td>.164</td> <td>.186</td> <td>300</td> <td>Std JHP/JSP</td>		4737	.429	240	44 Mag JSP (bulk)	.164	.186	300	Std JHP/JSP
4661 430 240 lead SWC (bulk) .151 .185 500 Lead 4461 4.29 270 44 Mag GDSP .193 .210 50 Gold Dot Hunting 4463 4.29 300 44 Mag UCSP .213 .233 50 Std JHP/JSP 4473 4.51 185 45 Auto TMJ FN .094 .130 100 GP/Practice 4473 .451 185 45 Auto GDHP .090 .130 100 GD SD 4474 .451 185 45 Auto GDHP .138 .140 100 Lead 4478 .451 200 45 Auto GDHP .138 .140 100 Lead 4478 .451 200 45 Auto IMM FN .028 .140 100 Match 4479 .451 200 45 Auto Match TMJ SWC .128 .140 100 GP/Practice 4474 .451 230 Idaho Territory lead FN (bulk) .139 .159 500		4459	.429	240	44 Mag Sil. Match TMJ	.206	.186	100	Match
4461 429 270 44 Mag GDSP .193 .210 50 Gold Dot Hunting 4463 429 300 44 Mag UCSP .213 .233 50 Std JHP/JSP 45 Call 451 185 45 Auto TMJ FN .094 .130 100 GP/Practice 4476 .451 185 45 Auto Match TMJ SWC .090 .130 100 GP/Practice 4478 .451 185 45 Auto GDHP .109 .130 100 GD SD 4477 .451 200 45 Auto Ead SWC .078 .140 100 Lead 4677 .452 200 45 Auto Ead SWC (bulk) .078 .140 100 Match 4479 .451 200 45 Auto Match TMJ SWC .128 .140 100 GP/Practice 4479 .451 225 45 Col JHP .169 .158 100 Std JHP/JSP 468 .452 230 Idaho Terrritory lead FN .139 .159		4660	.430	240	lead SWC	.151	.185	100	Lead
4463 4.29 300 44 Mag UCSP .213 .233 50 Std JHP/JSP 4476 4.51 185 45 Auto TMJ FN .094 .130 100 GP/Practice 4473 4.51 185 45 Auto Match TMJ SWC .090 .130 100 Match 4470 .451 185 45 Auto GDHP .109 .130 100 GD SD 4474 .451 200 45 Auto GDHP .138 .140 100 Lead 4677 .452 200 45 Auto lead SWC .078 .140 100 Lead 4475 .451 200 45 Auto Match TMJ SWC .128 .140 100 Match 4479 .451 225 45 Colt JHP .169 .158 100 Std JHP/JSP 4680 .454 230 Idaho Territory lead FN .139 .159 100 Lead 4750 .451 230 45 Auto GDHP SB .148 .162 100		4661	.430	240	lead SWC (bulk)	.151	.185	500	Lead
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 GD SD 4477 .451 200 45 Auto GDHP .138 .140 100 Lead 4678 .452 200 45 Auto lead SWC .078 .140 100 Lead 4475 .451 200 45 Auto lead SWC .078 .140 100 Match 4475 .451 200 45 Auto TMJ FN .102 .140 100 Match 4475 .451 200 45 Auto GDHP .139 .159 100 Lead 4479 .451 230 Idaho Territory lead FN .139 .159 500 Lead 4481 .451 230 45 Auto GDHP SB <		4461	.429	270	44 Mag GDSP	.193	.210	50	Gold Dot Hunting
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 GD SD 4478 .451 200 45 Auto GDHP .138 .140 100 Lead 4678 .452 200 45 Auto lead SWC .078 .140 100 Lead 4475 .451 200 45 Auto lead SWC .078 .140 100 Match 4475 .451 200 45 Auto Match TMJ SWC .128 .140 100 Match 4474 .451 200 45 Auto TMJ FN .102 .140 100 GP/Practice 4479 .451 230 Idaho Territory lead FN .139 .159 100 Lead 4481 .451 230 45 Auto GDHP SB .148 .162 100		4463	.429	300	44 Mag UCSP	.213	.233	50	Std JHP/JSP
4473 4471 185 45 Auto Match TMJ SWC .090 .130 100 Match 4470 .451 185 45 Auto GDHP .109 .130 100 GD SD 4478 .451 200 45 Auto GDHP .138 .140 100 Lead 4677 .452 200 45 Auto lead SWC .078 .140 100 Lead 4677 .452 200 45 Auto lead SWC .078 .140 100 Lead 4473 .451 200 45 Auto Match TMJ SWC .128 .140 100 GP/Practice 4479 .451 200 45 Auto TMJ FN .102 .140 100 GP/Practice 4481 .451 230 Idaho Territory lead FN (bulk) .139 .159 100 Lead 4483 .451 230 Id5 Auto GDHP SB .148 .162 100 GD SD 4484 .451 230 45 Auto GDH SB .161 100 Lead </th <th></th> <th>45 Cal</th> <th>iber (0</th> <th>.451-</th> <th>0.454 inch)</th> <th></th> <th></th> <th></th> <th></th>		45 Cal	iber (0	.451-	0.454 inch)				
4470 451 185 445 Auto GDHP .109 .130 100 GD SD 4478 4.51 200 45 Auto GDHP .138 .140 100 GD SD 4677 .452 200 45 Auto lead SWC .078 .140 100 Lead 4678 .452 200 45 Auto lead SWC .078 .140 100 Match 4471 .451 200 45 Auto Match TMJ SWC .128 .140 100 GP/Practice 4479 .451 200 45 Auto Match TMJ SWC .128 .140 100 GP/Practice 4479 .451 230 Idaho Territory lead FN .139 .159 100 Lead 4483 .451 230 Idaho Territory lead FN (bulk) .133 .162 100 GD SD 4484 .451 230 45 Auto GDHP SB .148 .162 100 GP/Practice 4750 .451 230 45 Auto IMJ RN .153 .162		4476	.451	185	45 Auto TMJ FN	.094	.130	100	GP/Practice
4478 4475 200 445 Auto GDHP .138 .140 100 GD SD 4677 4.52 200 45 Auto lead SWC .078 .140 100 Lead 4478 4.52 200 45 Auto lead SWC (bulk) .078 .140 100 Match 4475 4.51 200 45 Auto Match TMJ SWC .128 .140 100 GP/Practice 4479 4.51 200 45 Auto TMJ FN .102 .140 100 GP/Practice 4479 4.51 200 Idaho Territory lead FN .139 .159 100 Lead 4681 .451 230 Idaho Territory lead FN .143 .162 100 GD SD 4483 .451 230 45 Auto GDHP SB .148 .162 100 GP/Practice 4480 .451 230 45 Auto GDH PSB .148 .162 100 GP/Practice 4480 .452 230 45 Auto lead RN .160 .161 <td></td> <td>4473</td> <td>.451</td> <td>185</td> <td>45 Auto Match TMJ SWC</td> <td>.090</td> <td>.130</td> <td>100</td> <td>Match</td>		4473	.451	185	45 Auto Match TMJ SWC	.090	.130	100	Match
4677 4.52 200 45 Auto lead SWC .078 .140 100 Lead 4678 .452 200 45 Auto lead SWC (bulk) .078 .140 500 Lead 4475 .451 200 45 Auto Match TMJ SWC .128 .140 100 GP/Practice 4479 .451 225 .45 Colt JHP .169 .158 100 Std JHP/JSP 4680 .454 230 Idaho Territory lead FN .139 .159 100 Lead 4483 .451 230 Idaho Territory lead FN (bulk) .139 .159 100 Lead 4483 .451 230 .45 Auto GDHP .143 .162 100 GD SD 4480 .451 230 .45 Auto GDHP SB .148 .162 100 GD SD 4480 .451 230 .45 Auto GDHP SB .148 .162 100 Lead 4480 .452 230 .45 Auto lead RN .160 .161		4470	.451	185	45 Auto GDHP	.109	.130	100	GD SD
4678.45220045 Auto lead SWC (bulk).078.140500Lead4475.45120045 Auto Match TMJ SWC.128.140100Match4471.45120045 Auto TMJ FN.102.140100GP/Practice4479.451225.45 Colt JHP.169.158100Std JHP/JSP4680.454230Idaho Territory lead FN (bulk).139.159100Lead4881.451230Idaho Territory lead FN (bulk).139.152100GD SD4882.45123045 Auto GDHP.148.162100GD SD4883.45123045 Auto GDHP.153.162100GD SD4482.45123045 Auto GDHP SB.148.162100GD SD4480.45123045 Auto GDHP SB.148.162100GD SD4480.45223045 Auto GDHP M.153.162300GP/Practice4480.45223045 Auto lead RN.160.161100Lead4484.45225045 Colt GDHP.165.175100Lead4684.45225045 Colt lead SWC.117.175500Lead4684.45225045 Colt lead SWC.117.175500Std JHP/JSP4784.45130045 Colt JHP.183.183100Std JHP/JSP4784		4478	.451	200	45 Auto GDHP	.138	.140	100	GD SD
4475 4475 200 45 Auto Match TMJ SWC 128 140 100 Match 4471 4.51 200 45 Auto TMJ FN .102 .140 100 GP/Practice 4479 4.51 225 45 Colt JHP .169 .158 100 Std JHP/JSP 4680 .454 230 Idaho Territory lead FN .139 .159 100 Lead 4681 .454 230 Idaho Territory lead FN (bulk) .139 .159 100 Lead 4483 .451 230 45 Auto GDHP .143 .162 100 GD SD 4484 .451 230 45 Auto GDHP SB .148 .162 100 GD SD 4480 .451 230 45 Auto GDHP SB .148 .162 100 GP/Practice 4480 .451 230 45 Auto Iead RN .160 .161 100 Lead 4481 .452 230 45 Colt GDHP .165 .175 100<		4677	.452	200	45 Auto lead SWC	.078	.140	100	Lead
4471 451 200 445 Auto TMJ FN .102 .140 100 GP/Practice 4479 4.51 225 445 Colt JHP .169 .158 100 Std JHP/JSP 4680 .454 230 Idaho Territory lead FN .139 .159 100 Lead 4481 .454 230 Idaho Territory lead FN (bulk) .139 .159 500 Lead 4483 .451 230 45 Auto GDHP SB .148 .162 100 GP/Practice 4480 .451 230 45 Auto GDHP SB .153 .162 100 GP/Practice 4470 .451 230 45 Auto TMJ RN .153 .162 100 GP/Practice 4750 .451 230 45 Auto Iead RN .160 .161 100 Lead 4750 .452 230 45 Colt GDHP .165 .175 100 Lead 4764 .452 250 45 Colt Iead SWC (bulk) .111 .175 <td></td> <td>4678</td> <td>.452</td> <td>200</td> <td>45 Auto lead SWC (bulk)</td> <td>.078</td> <td>.140</td> <td>500</td> <td>Lead</td>		4678	.452	200	45 Auto lead SWC (bulk)	.078	.140	500	Lead
4479 451 225 445 Colt JHP .169 .158 100 Std JHP/JSP 4680 .454 230 Idaho Territory lead FN .139 .159 100 Lead 4681 .454 230 Idaho Territory lead FN (bulk) .139 .159 500 Lead 4483 .451 230 45 Auto GDHP .143 .162 100 GD SD 4480 .451 230 45 Auto GDHP SB .148 .162 100 GP/Practice 4750 .451 230 45 Auto TMJ RN .153 .162 100 GP/Practice 4760 .452 230 45 Auto IMJ RN .160 .161 100 Lead 4690 .452 230 45 Auto Iead RN .160 .161 500 Lead 4643 .452 250 45 Colt GDHP .165 .175 100 Lead 4481 .452 250 45 Colt Iead SWC .117 .175 500		4475	.451	200	45 Auto Match TMJ SWC	.128	.140	100	Match
4680 454 230 Idaho Territory lead FN .139 .159 100 Lead 4681 454 230 Idaho Territory lead FN (bulk) .139 .159 500 Lead 4483 451 230 45 Auto GDHP .143 .162 100 GD SD 4480 .451 230 45 Auto GDHP SB .148 .162 100 GD SD 4480 .451 230 45 Auto TMJ RN (bulk) .153 .162 100 GP/Practice 4750 .451 230 45 Auto TMJ RN (bulk) .153 .162 300 GP/Practice 4691 .452 230 45 Auto lead RN (bulk) .160 .161 100 Lead 4643 .452 250 45 Colt GDHP .165 .175 100 GD SD 4684 .452 250 45 Colt Iead SWC .117 .175 500 Lead 4784 .451 260 45 Colt Iead SWC (bulk) .117 .175 <td></td> <td>4471</td> <td>.451</td> <td>200</td> <td>45 Auto TMJ FN</td> <td>.102</td> <td>.140</td> <td>100</td> <td>GP/Practice</td>		4471	.451	200	45 Auto TMJ FN	.102	.140	100	GP/Practice
4681 4.54 230 Idaho Territory lead FN (bulk) .139 .159 500 Lead 4483 .451 230 45 Auto GDHP .143 .162 100 GD SD 4482 .451 230 45 Auto GDHP SB .148 .162 100 GD SD 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 Lead 4641 .452 230 45 Auto lead RN (bulk) .160 .161 500 Lead 4484 .452 250 45 Colt GDHP .155 .170 00 Lead 4484 .452 250 45 Colt JHO .171 .175 100 Lead 4484 .452 300 45 Colt JHO .133 .183 100		4479	.451	225	45 Colt JHP	.169	.158	100	Std JHP/JSP
4483 451 230 445 Auto GDHP .143 .162 100 GD SD 4482 451 230 45 Auto GDHP SB .148 .162 100 GD SD 4480 451 230 45 Auto GDHP SB .148 .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 Lead 4691 .452 230 45 Auto lead RN (bulk) .160 .161 100 Lead 4683 .452 250 45 Colt GDHP .165 .175 100 Lead 4684 .452 250 45 Colt lead SWC (bulk) .117 .175 500 Lead 4781 .451 260 45 Colt lead SWC 117 .175 500 Lead 4848 .452 300 45 Colt lead SWC 117 .175 500 Lead		4680	.454	230	Idaho Territory lead FN	.139	.159	100	Lead
4482 451 230 45 Auto GDHP SB .148 .162 100 GD SD 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 Lead 4691 .452 230 45 Auto lead RN .160 .161 100 Lead 4684 .452 250 45 Colt GDHP .165 .175 100 Lead 4683 .452 250 45 Colt lead SWC (bulk) .117 .175 500 Lead 4784 .452 250 45 Colt lead SWC (bulk) .117 .175 500 Lead 4784 .452 300 45 Colt High-Velocity UCSP .199 .211 50 Std JHP/JSP 4784 .452 300 45 Colt High-Velocity UCSP .199 .211 <td></td> <td>4681</td> <td>.454</td> <td>230</td> <td>Idaho Territory lead FN (bulk)</td> <td>.139</td> <td>.159</td> <td>500</td> <td>Lead</td>		4681	.454	230	Idaho Territory lead FN (bulk)	.139	.159	500	Lead
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 Iead RN .160 .161 100 Lead 4691 .452 230 45 Auto Iead RN (bulk) .160 .161 500 Lead 4484 .452 250 45 Colt GDHP .165 .175 100 GD SD 4683 .452 250 45 Colt lead SWC .117 .175 100 Lead 4684 .452 250 45 Colt lead SWC .117 .175 100 Lead 4684 .451 260 45 Colt JHP .183 .183 100 Std JHP/JSP 3974 .452 300 45 Colt High-Velocity UCSP .199 .211 50 Gold Dot Hunting 4485 .451 300 45 Colt High-Velocity UCSP .199 .211<		4483	.451	230	45 Auto GDHP	.143	.162	100	GD SD
4750 451 230 45 Auto TMJ RN (bulk) .153 .162 300 GP/Practice 4690 .452 230 45 Auto lead RN .160 .161 100 Lead 4691 .452 230 455 Auto lead RN .160 .161 500 Lead 4484 .452 230 455 Auto lead RN (bulk) .160 .161 500 Lead 4484 .452 250 455 Colt GDHP .165 .175 100 GD SD 4684 .452 250 455 Colt lead SWC (bulk) .117 .175 500 Lead 4781 .451 260 .455 Colt lead SWC (bulk) .117 .175 500 Gold Dot Hunting 4781 .451 300 .455 Colt Haigh-Velocity UCSP .199 .211 50 Std JHP/JSP 3974 .452 300 .455 Colt Haigh-Velocity UCSP .199 .211 50 Std JHP/JSP 3973 .475 275 .480 Ruger GDSP <	V!	4482	.451	230	45 Auto GDHP SB	.148	.162	100	GD SD
4690 452 230 45 Auto lead RN .160 .161 100 Lead 4691 .452 230 45 Auto lead RN (bulk) .160 .161 500 Lead 4484 .452 250 45 Colt GDHP .165 .175 100 GD SD 4683 .452 250 45 Colt lead SWC .117 .175 100 Lead 4684 .452 250 45 Colt lead SWC .117 .175 500 Lead 4481 .451 260 .45 Colt JHP .183 .183 100 Std JHP/JSP 3974 .452 300 .454 Colt High-Velocity UCSP .199 .211 50 Gold Dot Hunting 4485 .451 300 .455 Colt High-Velocity UCSP .199 .211 50 Gold Dot Hunting 4485 .451 300 .456 Colt High-Velocity UCSP .199 .216 50 Gold Dot Hunting 3974 .475 .275 .480 Ruger GDSP .191 </td <td></td> <td>4480</td> <td>.451</td> <td>230</td> <td>45 Auto TMJ RN</td> <td>.153</td> <td>.162</td> <td>100</td> <td>GP/Practice</td>		4480	.451	230	45 Auto TMJ RN	.153	.162	100	GP/Practice
4691 452 230 45 Auto lead RN (bulk) .160 .161 500 Lead 4484 .452 250 45 Colt GDHP .165 .175 100 GD SD 4683 .452 250 45 Colt GDHP .165 .175 100 Lead 4684 .452 250 45 Colt lead SWC .117 .175 100 Lead 4484 .451 260 .45 Colt lead SWC (bulk) .117 .175 500 Lead 4481 .451 260 .45 Colt JHP .183 .183 100 Std JHP/JSP 3974 .452 300 .454 Casull GDHP .233 .210 50 Gold Dot Hunting 4485 .451 300 .45 Colt High-Velocity UCSP .199 .211 50 Std JHP/JSP 3974 .475 275 .480 Ruger GDSP .119 .206 50 Gold Dot Hunting 3976 .475 400 480 Ruger GDSP .124 .255		4750	.451	230	45 Auto TMJ RN (bulk)	.153	.162	300	GP/Practice
4484 .452 250 45 Colt GDHP .165 .175 100 GD SD 4683 .452 250 45 Colt lead SWC .117 .175 100 Lead 4684 .452 250 45 Colt lead SWC .117 .175 500 Lead 4684 .452 250 45 Colt lead SWC (bulk) .117 .175 500 Lead 4481 .451 260 45 Colt JHP .183 .183 100 Std JHP/JSP 3974 .452 300 454 Casull GDHP .233 .210 50 Gold Dot Hunting 4481 .451 300 45 Colt High-Velocity UCSP .199 .211 50 Std JHP/JSP 475 Z55 480 Ruger GDFP .162 .174 50 Gold Dot Hunting 3978 .475 25 480 Ruger GDSP .191 .265 50 Gold Dot Hunting 3976 .475 400 480 Ruger GDSP .124 .255 50		4690	.452	230	45 Auto lead RN	.160	.161	100	Lead
4683 .452 250 45 Colt lead SWC .117 .175 100 Lead 4684 .452 250 45 Colt lead SWC (bulk) .117 .175 500 Lead 4481 .451 260 45 Colt JHP .183 .183 100 Std JHP/JSP 3974 .452 300 454 Casull GDHP .233 .210 50 Gold Dot Hunting 4485 .451 300 45 Colt High-Velocity UCSP .199 .211 50 Std JHP/JSP 4787 JFF JFF JFF JFF JFF JFF JHP/JSP 3973 .475 275 480 Ruger GDSP .191 .206 50 Gold Dot Hunting 3976 .475 20 480 Ruger GDSP .191 .206 50 Gold Dot Hunting 3976 .475 400 480 Ruger GDSP .242 .253 50 Gold Dot Hunting 3976 .475 400 480 Ruger GDSP .174 <td< td=""><td></td><td>4691</td><td>.452</td><td>230</td><td>45 Auto lead RN (bulk)</td><td>.160</td><td>.161</td><td>500</td><td>Lead</td></td<>		4691	.452	230	45 Auto lead RN (bulk)	.160	.161	500	Lead
4684 .452 250 45 Colt lead SWC (bulk) .117 .175 500 Lead 4481 .451 260 .45 Colt JHP .183 .183 100 Std JHP/JSP 3974 .452 300 .45 Colt JGDHP .233 .210 50 Gold Dot Hunting 4485 .451 300 .45 Colt JGDHP .233 .210 50 Std JHP/JSP 475 Cliber U-UTS inch 775 Cliber U-UTS inch 3973 .475 .275 .480 Ruger GDPP .162 .174 50 Gold Dot Hunting 3973 .475 .255 .480 Ruger GDSP .191 .206 50 Gold Dot Hunting 3976 .475 .400 .480 Ruger GDSP .191 .206 50 Gold Dot Hunting 3976 .475 .500 .400 .480 Ruger GDSP .212 .250 .50 Gold Dot Hunting 3976 .501 .500 .500 .500 .500 .500<		4484	.452	250	45 Colt GDHP	.165	.175	100	GD SD
4481 .451 260 445 Colt JHP .183 .183 100 Std JHP/JSP 3974 .452 300 454 Casull GDHP .233 .210 50 Gold Dot Hunting 4485 .451 300 45 Colt High-Velocity UCSP .199 .211 50 Std JHP/JSP 475 Caller U-VFT U-VFT 475 Caller U-VFT 3973 .475 275 4480 Ruger GDHP .162 .174 50 Gold Dot Hunting 3978 .475 325 480 Ruger GDSP .191 .206 50 Gold Dot Hunting 3976 .475 400 480 Ruger GDSP .191 .206 50 Gold Dot Hunting 3976 .475 400 480 Ruger GDSP .191 .206 50 Gold Dot Hunting 3976 .475 400 480 Ruger GDSP .191 .206 50 Gold Dot Hunting 3976 .50 .500 S00 50 Action Express TMJ FN .157 .171		4683	.452	250	45 Colt lead SWC	.117	.175	100	Lead
3974 4.52 300 454 Casull GDHP .233 .210 50 Gold Dot Hunting 445 4.51 300 45 Colt High-Velocity UCSP .199 .211 50 Std JHP/JSP 475 Colspan="4">Colspan="4"Colspan="4"		4684	.452	250	45 Colt lead SWC (bulk)	.117	.175	500	Lead
4485 451 300 45 Colt High-Velocity UCSP .199 .211 50 Std JHP/JSP 475 Coll High-Velocity UCSP .199 .211 50 Std JHP/JSP 475 Coll High-Velocity UCSP .199 .211 50 Std JHP/JSP 475 Coll Std JHP/JSP 3973 .475 275 480 Ruger GDSP .162 .174 50 Gold Dot Hunting 3978 .475 325 480 Ruger GDSP .191 .206 50 Gold Dot Hunting 3976 .475 400 480 Ruger GDSP .242 .253 50 Gold Dot Hunting 50 Callion Express TMJ FN .157 .171 50 GP/Practice 4490 .500 300 50 Action Express GDHP .155 .171 50 Gold Dot Hunting		4481	.451	260	45 Colt JHP	.183	.183	100	Std JHP/JSP
475 Caliber (0.475 inch) 3973 4.75 2.75 480 Ruger GDHP .162 .174 50 Gold Dot Hunting 3978 4.75 3.25 480 Ruger GDSP .191 .206 50 Gold Dot Hunting 3976 4.75 400 480 Ruger GDSP .191 .206 50 Gold Dot Hunting 3976 4.75 400 480 Ruger GDSP .242 .253 50 Gold Dot Hunting 50 Caliber (0.500 inch) 50 S0 S00 50 Action Express TMJ FN .157 .171 50 GP/Practice 4493 .500 300 50 Action Express GDHP .155 .171 50 Gold Dot Hunting		3974	.452	300	454 Casull GDHP	.233	.210	50	Gold Dot Hunting
3973 .475 275 480 Ruger GDHP .162 .174 50 Gold Dot Hunting 3978 .475 .325 480 Ruger GDSP .191 .206 .50 Gold Dot Hunting 3976 .475 400 480 Ruger GDSP .191 .206 .50 Gold Dot Hunting Solar Line Colspan="4">Colspan="4"Colspan="4" 4490 .5	1	4485	.451	300	45 Colt High-Velocity UCSP	.199	.211	50	Std JHP/JSP
3978 .475 325 4480 Ruger GDSP .191 .206 50 Gold Dot Hunting 3976 .475 400 480 Ruger GDSP .242 .253 50 Gold Dot Hunting 50 Call Constanting 4490 .500 300 50 Action Express TMJ FN .157 .171 50 GP/Practice 4493 .500 300 50 Action Express GDHP .155 .171 50 Gold Dot Hunting		475 Ca	aliber (0.475	inch)				
3976 .475 400 480 Ruger GDSP .242 .253 50 Gold Dot Hunting 50 Caliber (0.500 inch inch inch inch inch inch 4490 .500 300 50 Action Express TMJ FN .157 .171 50 GP/Practice 4493 .500 300 50 Action Express GDHP .155 .171 50 Gold Dot Hunting		3973	.475	275	480 Ruger GDHP	.162	.174	50	Gold Dot 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 Gold Dot Hunting		3978	.475	325	480 Ruger GDSP	.191	.206	50	Gold Dot Hunting
4490 .500 300 50 Action Express TMJ FN .157 .171 50 GP/Practice 4493 .500 300 50 Action Express GDHP .155 .171 50 Gold Dot Hunting		3976	.475	400	480 Ruger GDSP	.242	.253	50	Gold Dot Hunting
4493 .500 300 50 Action Express GDHP .155 .171 50 Gold Dot Hunting		50 Cal	iber (0	.500 i	inch)				
		4490	.500	300	50 Action Express TMJ FN	.157	.171	50	GP/Practice
4495 .500 325 50 Action Express UCHP .169 .186 50 Std JHP/JSP		4493		300	50 Action Express GDHP	.155	.171	50	Gold Dot Hunting
		4495	.500	325	50 Action Express UCHP	.169	.186	50	Std JHP/JSP

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 diame	eter recommended by your firear	m's manufactu	urer *Round



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

Abbreviation Key BT—boat tail FMJ—full metal jacket FN—flat nose GD—Gold Dot[®] HP—hollow point I—lead
 HP—nonow point
 Usage Abbreviations

 L—lead
 Usage Abbreviations

 MHP^m—molybdenum disulfide impregnated
 GP—General Purpose

 SB^m—for short-barrel firearms
 GDSD—Gold Dot Service/Defense

 SP—soft point
 SP

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