



FEDERAL 

2020

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OUR PROMISE

It happens with every shot you take, tag you notch and target you knock down. A promise is both made and filled. Because every round is a pledge to be ready when the safety clicks. To fly straight and true. To hit hard.

It's what's at the top of our minds and bottom of our hearts here at Federal. We know how much is riding on every single cartridge that rolls off our lines, because we're shooters ourselves. Hunters. Competitors. Patriots. We share the satisfaction of bringing home wild meat to feed our families—and the peace of mind in knowing we're prepared to defend them. And, of course, we're not above wanting to see our name at the top of a leaderboard or etched into a trophy.

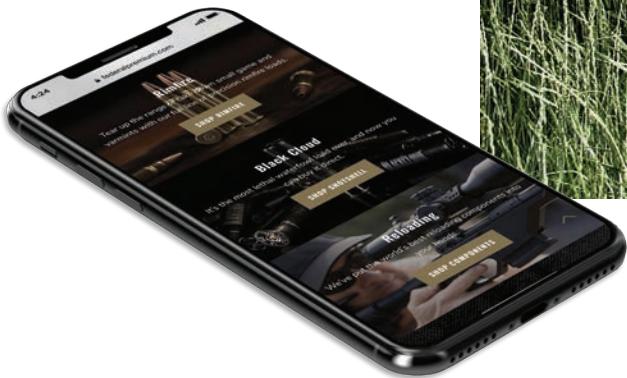
That's why we put so much into the products you'll see pressed between these pages. Most are proven favorites—perhaps even the loads with which you fired your first shots. Many others are altogether new products—our lifeblood. Ammunition and components that are sure to shape shooting for years to come.

We're as proud to present it all to you here as we are to be the world's No. 1 ammunition brand.

Thank you for shooting Federal.

Buy Federal Direct

You've always asked for it, and it's finally here. Now you can order hundreds of Federal products direct from our redesigned website.



Connect, Shoot, Share

We're connecting with thousands of fans every day through social media. Share your passion for all things shooting on Facebook, YouTube, Twitter and Instagram.



Federal Merchandise

You've never been able to show your Shockwave like this. We're happy to offer a wide selection of Federal-branded apparel and gear. Go to federalpremium.com to start your order.



FEDERAL CUSTOM SHOP

Every shot is personal. It's just you. Your target. Your firearm. The nuances of all three come together to make every press of the trigger uniquely yours. Now there's ammunition built to match—handcrafted just for you. Introducing Federal® Custom Shop™. Each round is painstakingly handloaded to order by our team of expert engineers in our state-of-the-art workshop.

CUSTOM SHOTSHELL

Get precision payloads for any shotgun or application. Federal Custom Shop offers a full array of handloaded Tungsten Super Shot loads for waterfowl, upland and turkey hunters.

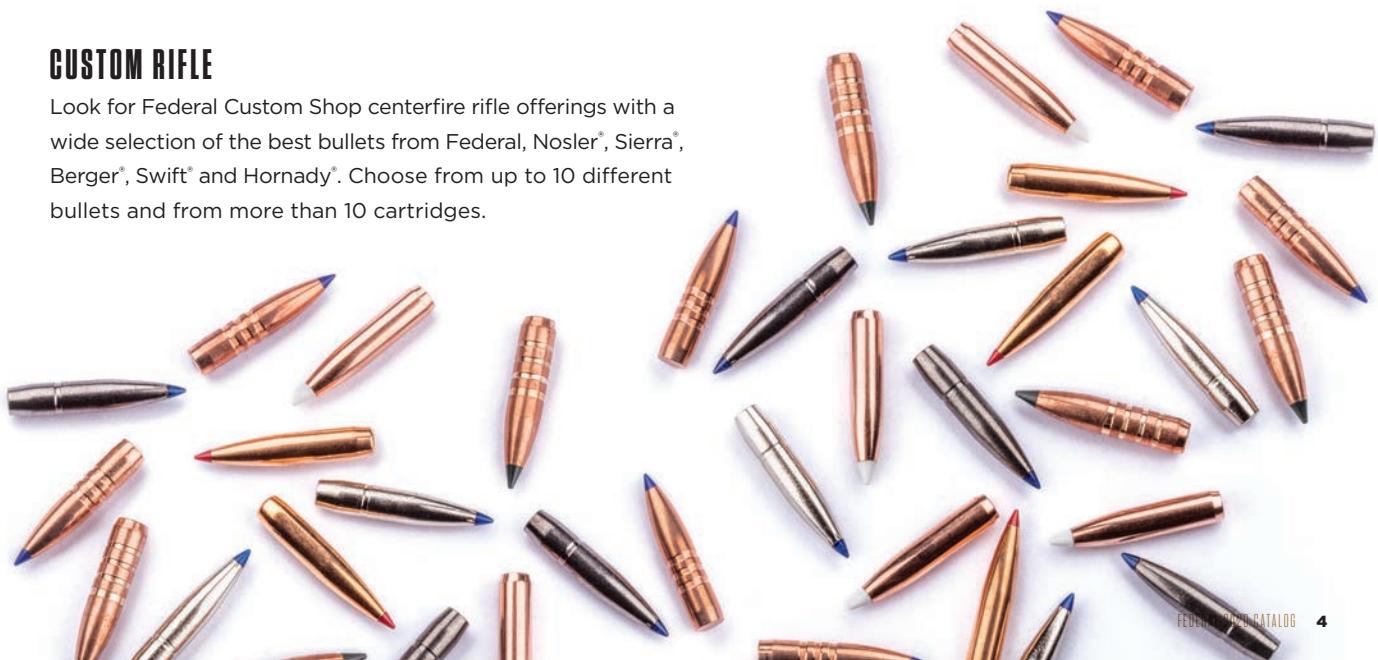
Veteran craftsmen handload Custom Shop loads with the best components for the most consistent velocity, accuracy and overall performance. Loads are hand-checked and cleaned before being custom-packed in durable packaging.

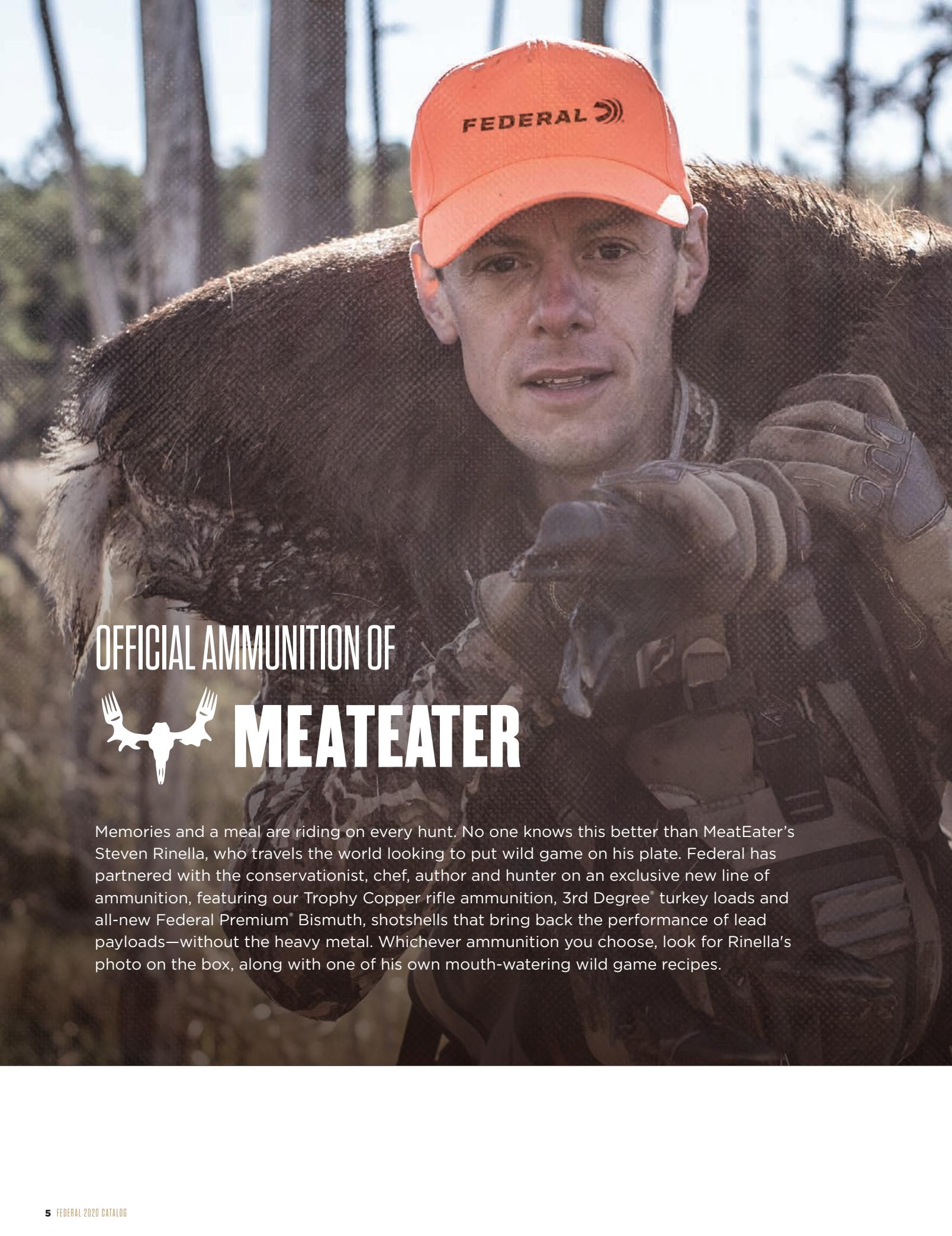




CUSTOM RIFLE

Look for Federal Custom Shop centerfire rifle offerings with a wide selection of the best bullets from Federal, Nosler®, Sierra®, Berger®, Swift® and Hornady®. Choose from up to 10 different bullets and from more than 10 cartridges.





OFFICIAL AMMUNITION OF
 MEATEATER

Memories and a meal are riding on every hunt. No one knows this better than MeatEater's Steven Rinella, who travels the world looking to put wild game on his plate. Federal has partnered with the conservationist, chef, author and hunter on an exclusive new line of ammunition, featuring our Trophy Copper rifle ammunition, 3rd Degree® turkey loads and all-new Federal Premium® Bismuth, shotshells that bring back the performance of lead payloads—without the heavy metal. Whichever ammunition you choose, look for Rinella's photo on the box, along with one of his own mouth-watering wild game recipes.

**TROPHY®
COPPER**

MEDIUM GAME

DEER, ANTELOPE AND
SIMILAR-SIZE ANIMALS



Bone In BBQ Wild Game Ribs Recipe

"I've been troubled by the subject of bone in BBQ wild game ribs my whole life. Boning them out for burgers takes a lot of work and yields only a small amount of meat, yet cooking them whole often results in dishes that are unchewably tough. Then this recipe came along and solved my rib problems once and for all. The rib meat is cooked on the bone, and it turns out as tender and flavorful as the finest pork ribs." – Steven Rinella

HOW TO MAKE IT

1. In a small bowl, combine all of the dry rub ingredients. (You can double or quadruple this mixture and keep it on hand for any worthy occasion.) Rub the ribs all over with the dry rub.
2. Pop the ribs into a pressure cooker. Add water to cover and cook for 20 minutes with 10 pounds of pressure. (If you don't have a pressure cooker, I'm afraid this will take a bit longer. You'll have to braise them on the stove for at least two hours, possibly more.)
3. In a small bowl, combine all the mop ingredients with a whisk. (Again, this can be doubled or quadrupled and used for anything you feel like mopping that goes on a grill.)
4. Preheat your grill on high.
5. When the ribs are tender but not falling apart, remove them from the pressure cooker. Set the ribs over direct heat on the grill to caramelize them and get some char. Close the lid to keep the heat high. Once they start to brown, mop liberally with the cider vinegar mop.
6. Remove from the grill once the sauce begins to adhere nicely and ribs have the perfect amount of char. Serve with pickles and raw onion.

For this and other great recipes, visit www.themeateater.com

INGREDIENTS

DRY RUB

1-1/2 tbsp sweet paprika
1-1/2 tbsp smoked paprika
4 tsp kosher salt
2 tsp coarsely ground black pepper
2 tsp red pepper flakes
2 tsp dark brown sugar
1 tsp garlic powder
1 tsp onion powder
1 tsp dried oregano
1 tsp ground cumin
1/2 tsp celery seed (optional)
3-1/2 lbs big game ribs
(two full racks, each rack split in half lengthwise down the middle and cut into portions of 2-3 ribs)

MOP

1 cup cider vinegar
1/2 cup yellow mustard
1 tsp kosher salt



HUNTING RIFLE

Simply the best rifle bullet made. Period.



TERMINAL ASCENT

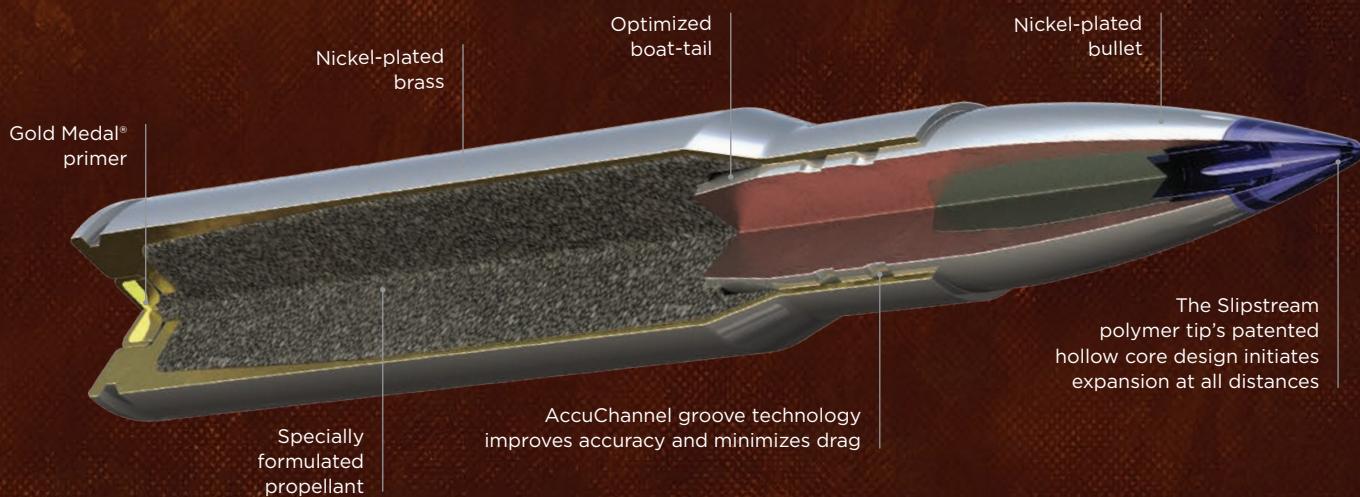
NEW

Any hunt. Any range. Go beyond what you ever thought possible with new Federal Premium® Terminal Ascent™. Bonded construction penetrates deep on close targets, while the patented Slipstream® polymer tip initiates expansion at velocities 200 fps lower than comparable designs. The bullet's long, sleek profile offers an extremely high ballistic coefficient, and its AccuChannel® groove technology improves accuracy and minimizes drag. **Now available in a full selection of long-range hunting cartridges.**



Slipstream's Secret

The Slipstream tip provides a perfectly aerodynamic meplat, yet initiates expansion at 200 fps lower velocities than comparable bullets. The secret is its hollow core, which is exposed when the tip breaks off on impact, allowing target material into the bullet nose to start the expansion process..





"Wide open country, long shots and stiff winds don't have a thing on Terminal Ascent. Nothing shoots like this."

- 22plinkster



1,200-Yard Performance

The Terminal Ascent's Slipstream polymer tip ensures proper expansion during low-velocity impact at extreme distances. In this ballistics gel block, shot at 1,200-yard velocity with P300WSMTA1, you can see where the Slipstream tip has initiated expansion and separated from the bullet immediately after entering the block, exactly as designed.



Penetration: Deep

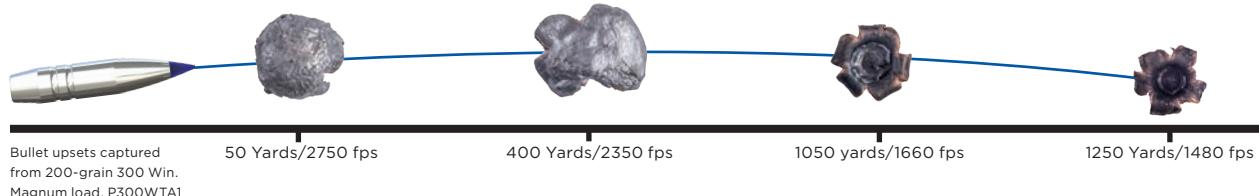
Weight Retention: Maximum

Expansion: Controlled

Range: Maximum

"Terminal Ascent hits bucks hard. It's without a doubt the best bullet I've ever shot."

Sportswoman Courtney



Expansion Redefined: Lethal extreme-range bullet performance doesn't look like the 2x expansion hunters see at conventional distances—it's not supposed to. With petals that open instantly and peel back uniformly every time, the Terminal Ascent transfers more energy to the animal on impact and carves straight, deadly wound channels at all velocities.

FOR A FULL LIST OF AVAILABLE LOADS AND BALLISTICS, REFER TO PAGES 19-28.

HUNTING RIFLE

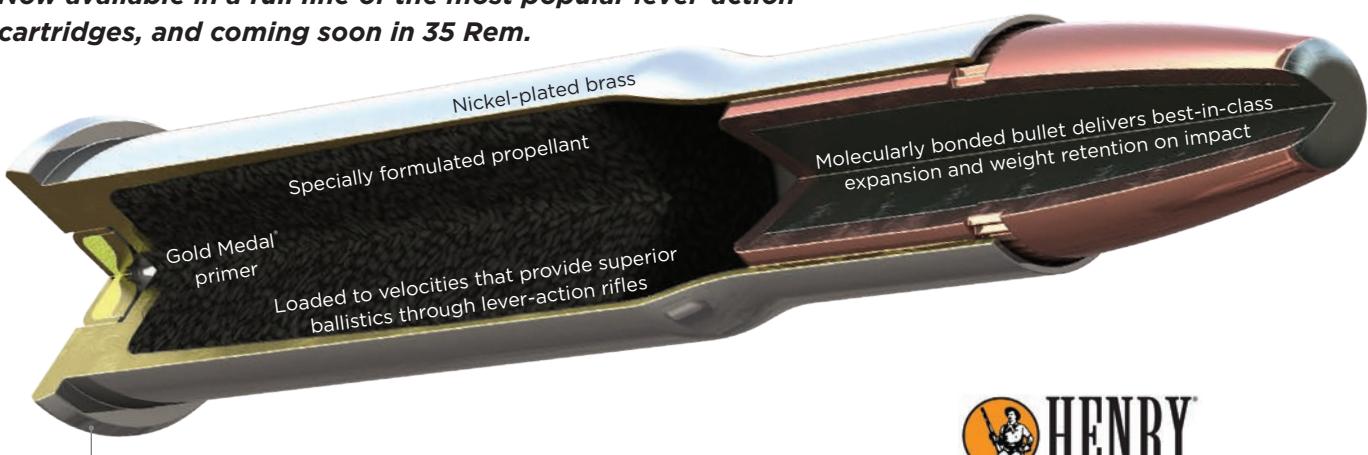


HAMMERDOWN

NEW

Make your lever-gun run like never before with the industry's only ammunition truly designed for optimal cycling and overall performance from the time-tested rifle platform. Velocities of all-new Federal Premium® HammerDown™ loads are customized to produce superior ballistics and terminal performance through lever-action barrel lengths. The construction of the molecularly bonded soft point bullets has also been adjusted for the best accuracy and expansion at those velocities. The geometry of each round's case, bullet and cartridge ensures flawless cycling through tubular magazine and typical lever-action feeding systems.

Now available in a full line of the most popular lever-action cartridges, and coming soon in 35 Rem.



Specialized patent-pending geometry improves cycling and doesn't hang up in tubular magazines and lever-action feeding systems

The Ultimate Leverage

Whether you're putting your lever-gun to work on bucks, bulls or boars, HammerDown's molecularly bonded bullets are optimized for terminal performance through lever-action barrel lengths.



When you set out to build the best lever-action rifle ammunition, you go to the industry's leading lever-gun manufacturer. Federal is proud to have partnered with Henry Repeating Arms when developing HammerDown. Their insight into the classic firearm platform helped ensure the utmost reliability and accuracy from each and every load.



**LEAD FREE
BULLET**

TROPHY BONDED TIP

Surgical accuracy. Terminal results. Trophy Bonded® Tip combines bonded construction and a bone-crushing solid copper shank with a boat-tail design and polymer tip that reduce wind resistance. The resulting toughness and accuracy make it a perfect choice for the full spectrum of medium and big game.

TROPHY COPPER NEW

Pinpoint precision and almost 100 percent weight retention have made Trophy® Copper the official ammunition of MeatEater. All loads in the line provide extreme accuracy and aggressive expansion.

Now available in .280 Ackley Improved.



NOSLER BALLISTIC TIP

Hunters demand accuracy and versatility, and Nosler® Ballistic Tip® delivers. Its polymer tip and boat-tail design maximize downrange velocity and energy, while the tapered jacket provides fast, yet controlled, expansion. It's perfect for medium game at all ranges.

TROPHY BONDED BEAR CLAW

The world's toughest game calls for its toughest bullet. A bonded jacket and core that retain more than 95 percent of the bullet's weight for deep penetration. The design's grooved shank improves accuracy across all rifle platforms. **Available in several loads with heavy-for-caliber bullets.**



NOSLER PARTITION

The Nosler® Partition® was the first bullet loaded in the Federal Premium® line, and it continues to be a standard for consistency and reliability. Its partitioned lead core allows the front half of the bullet to mushroom on impact, but keeps the back half intact for deep penetration.

NOSLER ACCUBOND

Shrink long distances down to size. Nosler® AccuBond® rifle loads' proven bullet design pairs a precision polymer tip with a highly concentric jacket bonded to a lead core. The result is fast expansion, moderate weight retention and lethal penetration.

FOR A FULL LIST OF AVAILABLE LOADS
AND BALLISTICS, REFER TO PAGES 19-28.

HUNTING RIFLE



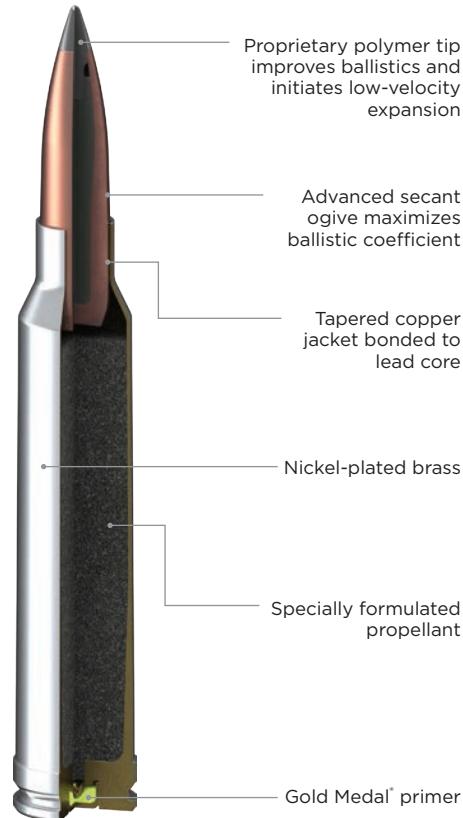
All-Range Reality

The Swift Scirocco II uses a precise polymer tip to improve ballistics and initiate low-velocity expansion at long distances, while its bonded copper jacket maintains weight on close-range hits.

SWIFT SCIROCCO II

NEW

Push effective range to new extremes while delivering a more lethal blow on impact with Federal Premium® Swift® Scirocco® II loads. The polymer-tipped bullet's streamlined design and high ballistic coefficient produce flat trajectories, while retaining more velocity and energy downrange. Aided by its polymer tip, the bonded Scirocco II expands at minimal velocities yet offers high weight retention at close range. **Now available in a complete range of popular hunting cartridges, and coming soon in 224 Valkyrie, 350 Legend and 450 Bushmaster.**





BARNES TSX

We've brought back this proven all-copper hollow point. The Barnes® TSX® groups tightly and delivers consistent, deep penetration. The monolithic design retains nearly 100 percent of its weight, and its grooved shank minimizes barrel fouling and improves accuracy.



BERGER HYBRID HUNTER

The profile of a match bullet. The versatility of a traditional hunting projectile. Berger® Hybrid Hunter bullet weights have been fine-tuned to provide exceptional accuracy through factory rifles. Ballistic coefficients exceed those of comparable designs thanks to a hybrid nose design that combines tangent and secant ogive features.



SIERRA GAMEKING

Accuracy is built into every aspect of the Sierra® GameKing®. The bullet's boat-tail design flattens its trajectory, while the jacketed lead core delivers rapid expansion and energy release. It's an excellent bullet choice for virtually any medium game species in North America.



NON-TYPICAL NEW

Hunt whitetails with ammunition that's just as exceptional as they are. Non-Typical™ uses an optimized soft-point bullet with a concentric jacket to provide tag-punching accuracy and consistent, lethal wound channels on any deer. ***Now available in 7mm-08 Rem.***



FUSION NEW

Fusion® was the first rifle ammunition specifically built for deer hunting and it's still the best, offering the largest expansion and highest weight retention in head-to-head comparisons against the competition. Its concentric jacket is molecularly bonded to the lead core for superior accuracy and terminal performance. ***Now available in 6.5 PRC.***



FUSION MSR

The modern sporting rifle is a highly adapted hunting machine, and it needs ammunition that's just as customized. From primer to projectile, virtually every component is optimized for use in MSR platforms and peak ballistic performance through short barrels.



POWER-SHOK

The only tag these loads won't fill is the price tag. The jacketed lead-core bullets in Power-Shok® rifle loads fly straight and knock down a wide variety of medium and big game. ***Available in the widest selection of loads.***

POWER-SHOK COPPER

Practical hunters trust Power-Shok® rifle ammunition to fill freezers. Power-Shok Copper provides that same consistency and value, yet with a hollow-point, copper-alloy bullet that creates large wound channels.

FOR A FULL LIST OF AVAILABLE LOADS
AND BALLISTICS, REFER TO PAGES 19-28.

SAFARI RIFLE



TROPHY BONDED BEAR CLAW

The world-famous Trophy Bonded® Bear Claw® has proven its reliability on large, heavy game from Africa to Alaska and everywhere in between. Its bonded jacket and core retain more than 95 percent of the bullet's weight for deep penetration.



Bear Attack

Although the rear core of the Trophy Bonded Bear Claw stays intact on impact, the nose upsets aggressively for large wound channels. Gel shot with 300-grain 375 H&H Magnum (P375T1) at 100 yards.



Penetration: Deep
Weight Retention: Maximum

Expansion: High/Controlled
Range: Medium



Proven From Africa To Alaska

The solid core of the Trophy Bonded Bear Claw allows the bullet to penetrate deep—even through the world's toughest game.



TROPHY BONDED SLEDGEHAMMER SOLID

The legendary Trophy Bonded® Sledgehammer® Solid bonds its core to a thick brass jacket for bone-crushing penetration. Its flat nose minimizes deflection to create a straight, deep wound cavity, and the grooved shank improves accuracy across an array of rifle platforms.



SWIFT A-FRAME

Those who hunt game that hunts back trust their lives to Federal Premium® Swift® A-Frame® loads. The bonded front core and progressively tapered jacket produce controlled expansion and energy release. The design stops expansion at its optimum point and maintains a longer shank for deep penetration.



WOODLEIGH HYDRO SOLID

When targeting the largest and most dangerous game, hunters have long relied on solid, non-expanding bullets that blow through bone and thick hide. Woodleigh Hydro Solid loads offer that same unstoppable penetration while also creating a massive wound channel and large entry cavity that won't close.



Amazing Performance On Cape Buffalo

"...Very large wound cavity. The hole in the heart looked to be more than twice the caliber size. The recovered round looked like it could be reloaded."

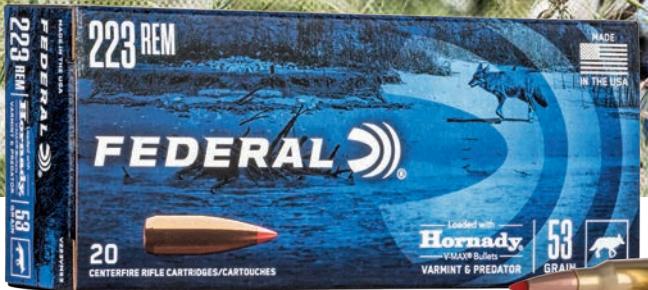
Yes, I recommend this product.

RATINGS & REVIEWS

We make it easy to review ammunition online and check out the ratings of others. Go to federalpremium.com.

FOR A FULL LIST OF AVAILABLE LOADS
AND BALLISTICS, REFER TO PAGES 19-28.

VARMINT RIFLE



VARMINT & PREDATOR V-MAX

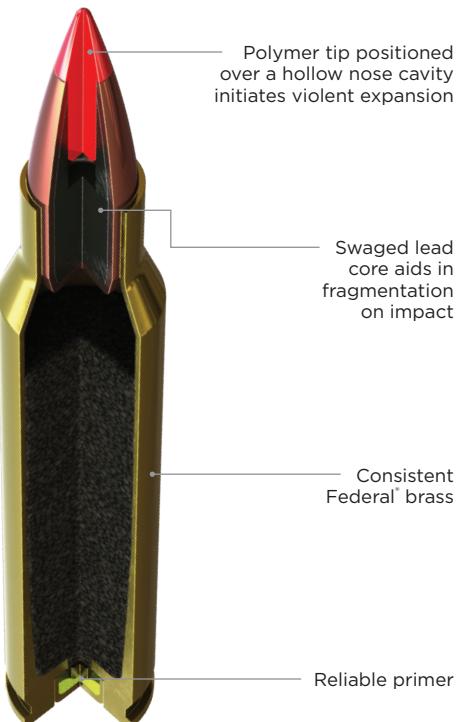
NEW

Now there are even more options for putting down everything from prairie dogs to coyotes. We've added 55-grain 22-250 Rem. and 75-grain 243 Win. loads to the Federal® Varmint & Predator lineup. Both bring the accuracy and explosive expansion of the proven Hornady® V-Max® bullet, loaded with our extremely reliable brass, primer and propellant. **Available in both standard 20-count boxes and bulk packs.**



Ready To Explode

The V-Max bullet's polymer tip is carefully positioned over a hollow nose cavity to initiate violent fragmentation of the jacket and swaged lead core.



V-Max is a registered trademark of Hornady.



NOSLER BALLISTIC TIP VARMINT & PREDATOR

Long distances, stiff breezes and tough predators are no match for Nosler® Ballistic Tip® Varmint & Predator. The flat-shooting boat-tail's thin jacket unleashes its energy violently on impact and minimizes penetration for less hide damage.

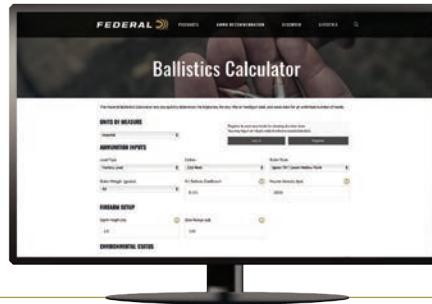


SPEER TNT GREEN

The only thing cleaner are the kills. Speer® TNT® Green® features a lead-free bullet that couples devastating terminal performance with match-grade accuracy. The thin jacket and compressed powdered core provide explosive expansion on varmints.

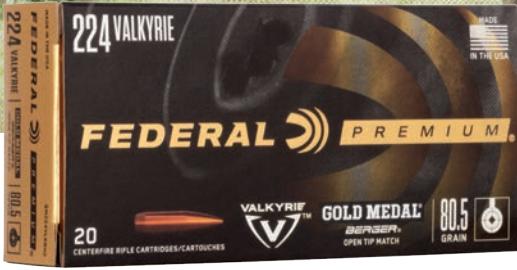
Ballistics On Demand

Quickly determine drift, drop and more out to 2,000 yards for any rifle or handgun load. Check it out at federalpremium.com/ballistics-calculator.



FOR A FULL LIST OF AVAILABLE LOADS AND BALLISTICS, REFER TO PAGES 19-28.

TARGET RIFLE



Official Sponsor



GOLD MEDAL BERGER

NEW

The most sought-after bullets among competitors on the Precision Rifle Series are now loaded into the industry's most trusted factory rifle ammunition. Gold Medal® Berger® loads feature an advanced boat-tail bullet with a high ballistic coefficient to provide the flattest trajectories, least wind drift and best long-range accuracy. *Now available in new 140-grain 6.5 PRC.*



Crafted For Accuracy

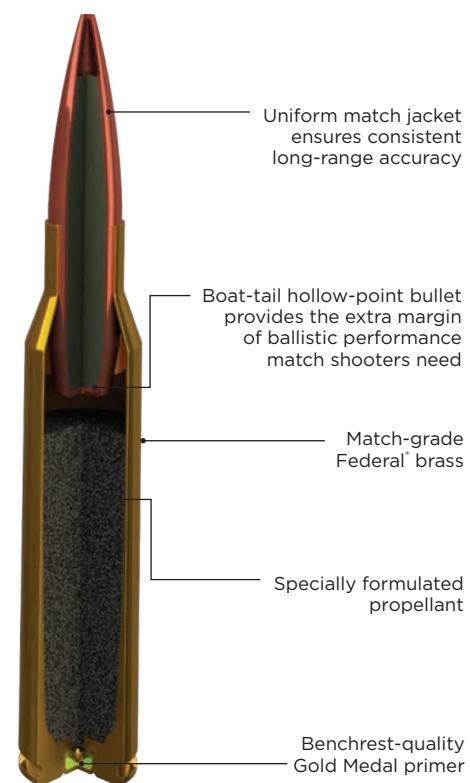
Whether loaded with the Berger Hybrid, BT Target, AR Hybrid Tactical or Juggernaut Tactical, Gold Medal Berger loads offer the flattest trajectories and most consistent ballistics possible for long-range target shooters.





10 SHOTS, 1 HOLE, NO COMPARISON

Combine the ultra-precise Sierra MatchKing bullet with Federal Premium's legendary loading processes, benchrest-quality Gold Medal primers, and world-class brass, and this is what you get. This amazing .81-inch 10-shot group was shot with 168-grain 308 Win. Sierra MatchKing (GM308M) from an accuracy barrel at 200 yards.



GOLD MEDAL SIERRA MATCHKING

Long range isn't just a distance. It's a state of mind. A dedication to push further. And it's why we build these loads. The precision-built Sierra® MatchKing® bullet is shot to win more matches than any other rifle bullet, and our exclusive primer design provides the best sensitivity and most consistent ballistics in the industry.

AMERICAN EAGLE NEW

Quality bullets, reloadable brass cases and dependable primers mean range-ready accuracy. **Now available in 200- and 300-round buckets.**



AMERICAN EAGLE SUPPRESSOR

Turn down the volume without sacrificing performance. American Eagle® Suppressor ammunition doles out accuracy, reliability and cleanliness in suppressed firearms, thanks to carefully selected propellants, bullet weights and profiles.

FOR A FULL LIST OF AVAILABLE LOADS AND BALLISTICS, REFER TO PAGES 19-28.

PERSONAL DEFENSE® HANDGUN



HST

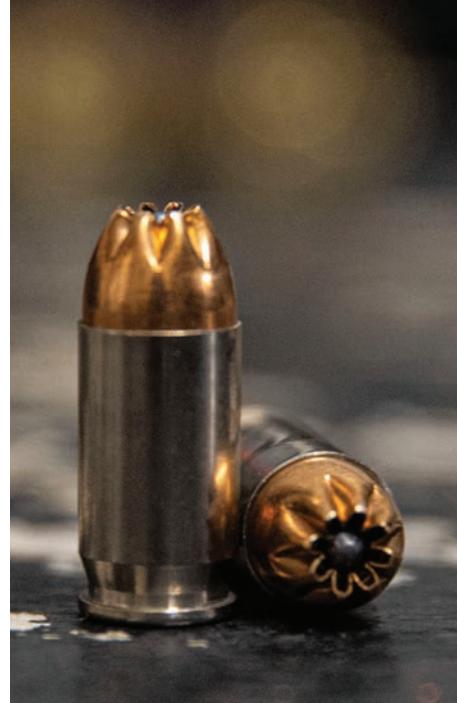
NEW

Effective self-defense requires ammunition that provides consistent expansion, optimum penetration and superior terminal performance. And HST® delivers. That's why it's already the duty load of choice for law enforcement officers throughout the world. Its specially designed hollow point won't plug while passing through a variety of barriers, and the bullet jacket and core hold together to provide nearly 100 percent weight retention through even the toughest materials. **Now available in 357 Sig, 9mm Luger +P and 45 Auto +P.**

Consistency Counts

The exclusive HST bullet is engineered to expand extremely reliably and retain nearly all of its weight through almost every kind of barrier. The result is consistent, nearly identical penetration and expansion in any situation, shot after shot. Bare gelatin shot with 10mm Auto HST (P10HST1S) at 10 feet.





HYDRA-SHOK DEEP

NEW

The world has never seen a .380 Auto like our new Hydra-Shok Deep[®]. It's the first expanding .380 to consistently penetrate beyond the FBI-recommended 12-inch minimum. It joins a full line of loads that reach critical depths through common self-defense barriers, without over-penetrating.



380 Auto Redefined

Powered by the Hydra-Shok Deep design, the new .380 Auto easily meets the FBI's penetration guidelines, surpassing the 12-inch mark. Bare gel shot with 38 Special (P380HSD1) at 10 feet; 13.5 inches of penetration.



Deep Defense

A beefed-up center post and redesigned core give Hydra-Shok Deep loads the ability to hit critical depths through the most common self-defense barriers. Bare gelatin shot with 9mm Luger (P9HSD1) at 10 feet, 15 inches of penetration.

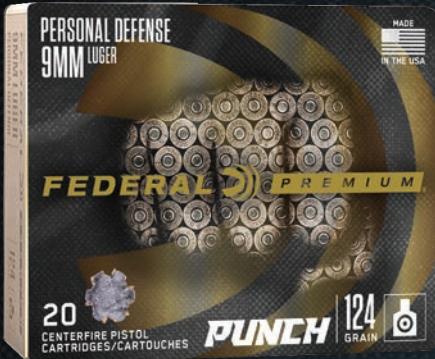
HYDRA-SHOK

Original Hydra-Shok remains one of the most popular choices among self-defense experts. We use stringent manufacturing processes and rigorous testing to ensure Hydra-Shok loads perform accurately and consistently. Low Recoil offerings provide similar performance while significantly reducing muzzle rise, improving accuracy and target acquisition.



FOR A FULL LIST OF AVAILABLE LOADS AND BALLISTICS, REFER TO PAGES 41-42.

PERSONAL DEFENSE® HANDGUN



PUNCH

NEW

Protection now delivers a knockout blow. New Punch™ draws from Federal® Ammunition's decades of experience designing the world's finest defensive handgun loads. The bullet's skived jacket and soft lead core produce the best expansion and penetration for the price, while its nickel-plated brass and sealed primer deliver the reliable feeding and ignition you need to protect yourself.

**More Power
For The Price**



.380 Auto .38 Special 9mm Luger .40 S&W .45 Auto

Bare Gel



Heavy Clothing





SYNTech DEFENSE

Syntech® changed the range forever. Now the technology is revolutionizing protection as well. Syntech Defense™ provides dynamic terminal performance with a hollow-point bullet that separates into three segments and a deep-penetrating core on impact. The core penetrates 12 to 18 inches through bare ballistics gel and heavy clothing—a critical benchmark in self-defense situations and the best terminal performance of any round in its class. The petals create three secondary wound channels, each more than 6 inches deep, adding to the terminal effect.



TRAIN + PROTECT NEW

Honor the American birthright to bear arms. Federal® Train + Protect uses the VHP bullet design to provide both precise, practical, performance at the range, and instant reliable expansion on impact. **Now available in 380 Auto, 357 Magnum and 38 Special.**

PERSONAL DEFENSE REVOLVER

Get the accuracy and reliability you can trust to stand your ground. Our revolver loads feature Federal brass and primers, and they are loaded with a jacketed hollow-point bullet.

FOR A FULL LIST OF AVAILABLE LOADS
AND BALLISTICS, REFER TO PAGES 41-42.

PERSONAL DEFENSE® SHOTSHELL



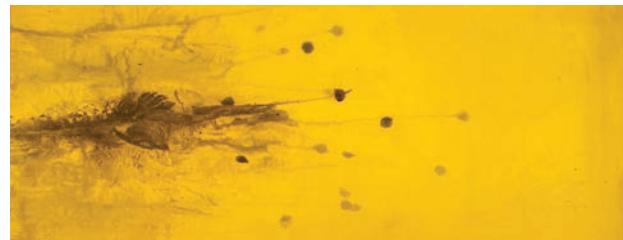
FORCE X2

NEW

Turn your shotgun into the ultimate defensive platform with new Force X2™ from Federal Premium®. Its nine copper-plated 00 FX2 buckshot pellets are specially engineered to split into two equal-size pieces on impact. This doubles the number of wound channels from nine to 18, improves the transfer of energy from the payload to the target, and minimizes the potential for over-penetration, reducing the risk to bystanders. Force X2 is also loaded for more manageable recoil, allowing the shooter to stay on target for faster follow-ups and better accuracy in a self-defense situation.

Double Trouble

Split pellets are designed to separate on impact, doubling the number of wound channels in a nine-pellet 00 buckshot load to 18.





BUCKSHOT

Make the threat scatter. Federal Premium buckshot penetrates to optimal depths for effective self-defense. Loads with the FLITECONTROL® wad system deliver the tightest patterns possible.

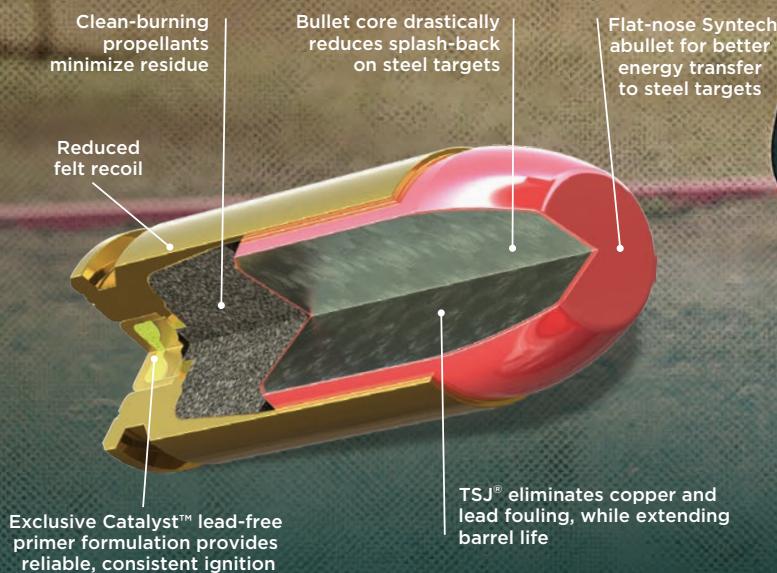
.410 HANDGUN

The .410 handgun has emerged as a popular option for self-defense, and Federal Premium® offers a variety of loads for these specialized firearms. A customized hull design, optimal brass thickness and fine-tuned payloads make these perfect for .410 handguns.



SYNTech ACTION PISTOL

Syntech Action Pistol® loads are specifically designed for competition and loaded to power factor requirements with heavy, flatter-nosed bullets for more reliable knock-downs on steel targets.



Less Muzzle Rise For Faster Follow-ups

Syntech Action Pistol's unique blend of propellants, bullet weights and the Total Synthetic Jacket result in as much as 14 percent less muzzle rise than comparable target loads. This allows competitive shooters to get back on target more quickly, for faster follow-up shots and stage times. Still frame from high-speed video showing 150-grain 9mm Luger (AE9SJAP1) fired through a Tangolio Stock II.



SYNTech RANGE NEW

The exclusive polymer coating in Syntech Range™ ammunition prevents harsh metal-on-metal contact between the bullet and bore, eliminating copper and lead fouling. Combined with clean-burning powders and the Catalyst lead-free primer, Syntech loads keep your gun cleaner, longer, so you can shoot more. **Now available in 38 Special.**



SYNTech TRAINING MATCH

If practice isn't realistic, it's not really practice. Make range time matter with Syntech Training Match®, loads that offer the same velocity, trajectory and point of impact as equivalent Federal Premium® HST® ammunition.



SYNTech PCC

Introducing a 9mm Luger built around fast-paced Pistol Caliber Carbine competitions, with flawless function in carbine platforms. Velocity and accuracy of Syntech PCC® are optimized for long gun barrel lengths, with a bullet profile that provides excellent accuracy and reliable feeding in a variety of carbine platforms.



Catalyst Primer Technology

Catalyst lead-free primer technology provides the most reliable, consistent ignition possible in range ammunition.

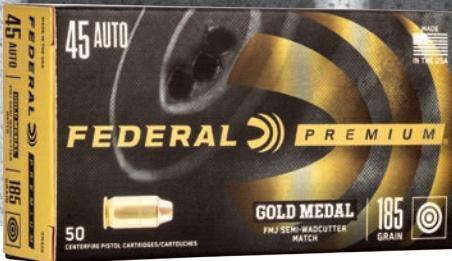


Official Ammunition Of The USPSA

Syntech Action Pistol is the official ammunition of the United States Practical Shooting Association (USPSA). The alliance supports the organization's tireless stewardship of competitive practical shooting, along with the matches, new shooter recruitment efforts and other activities of more than 620 affiliated USPSA and Steel Challenge clubs and 32,000 USPSA members nationwide.

FOR A FULL LIST OF AVAILABLE LOADS
AND BALLISTICS, REFER TO PAGES 41-42.

TARGET HANDGUN



GOLD MEDAL

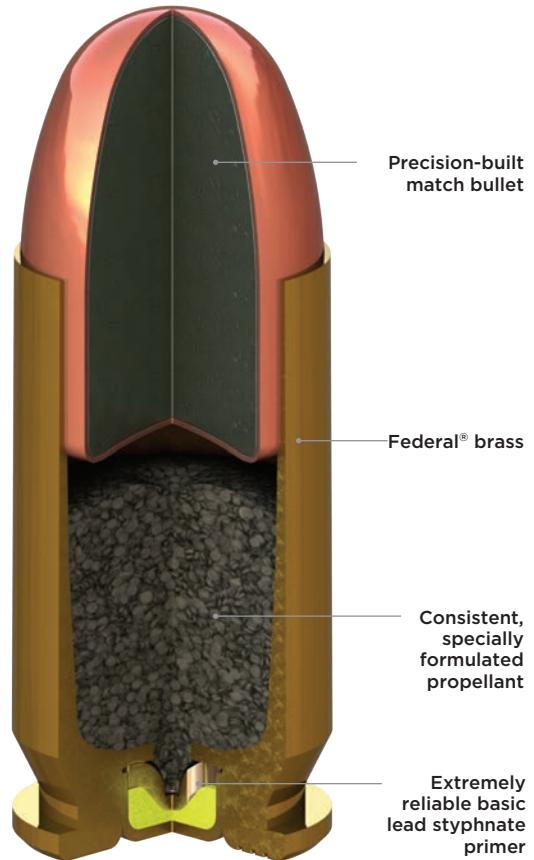
Demand the performance to compete. Gold Medal® Handgun loads are built with the finest components and held to the tightest tolerances to deliver in competitive shooting situations. The loads feature match-grade primers and bullets, with consistent powders and the best Federal® brass.

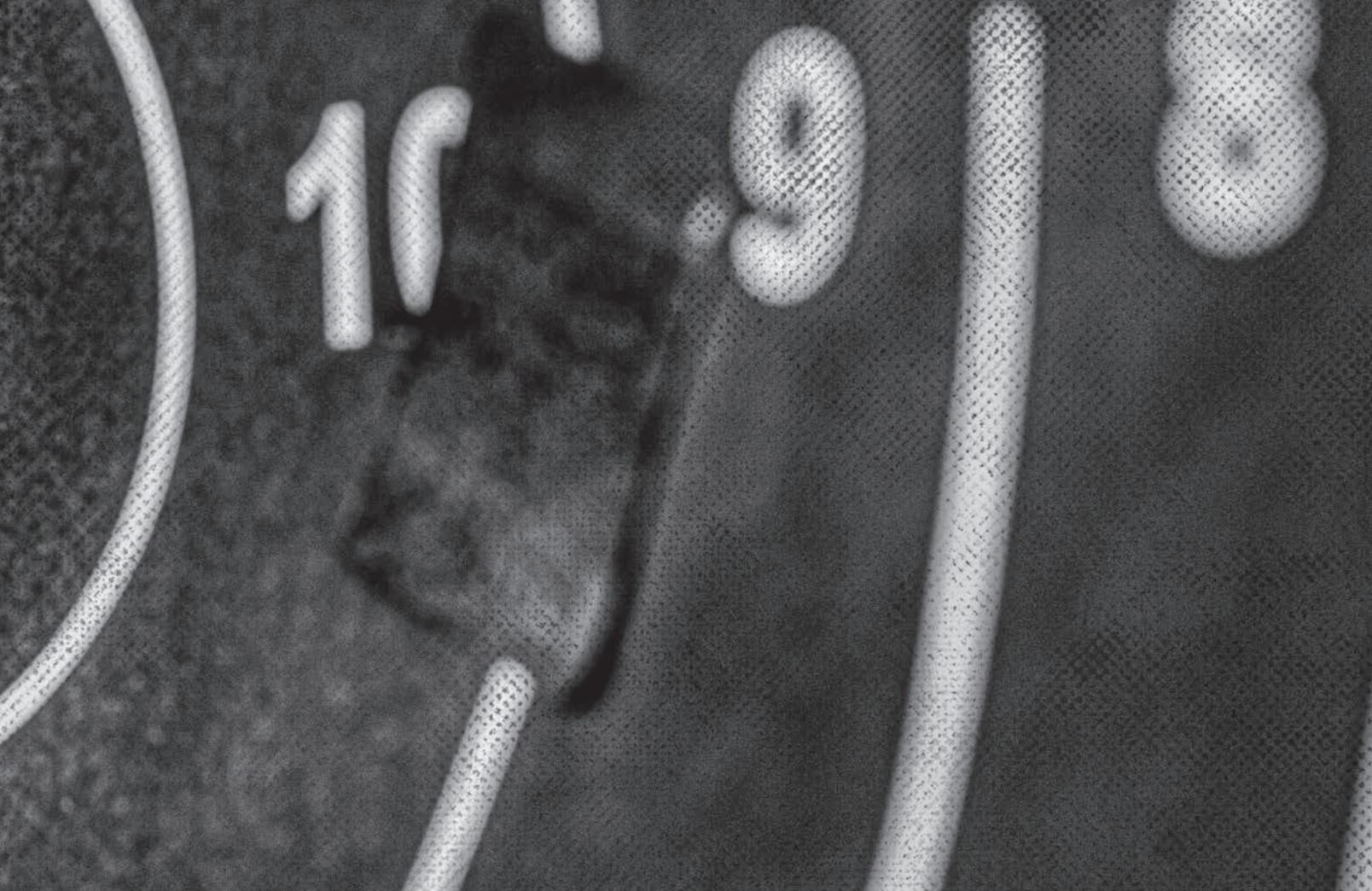
Official Sponsor



Short Barrels, Tight Groups

Gold Medal's award-winning accuracy—five-round group, 0.450-inch extreme spread. Target shot with 185-grain 45 Auto Gold Medal (GM45B) from a Springfield Trophy Match at 25 yards, fired with open sights from a rest.





AMERICAN EAGLE IRT

Safe range time starts here. American Eagle® Indoor Range Training (IRT) has a reduced-lead bullet fully encapsulated in copper for safer, economical training. It's powered by a toxic metal-free primer and produces ballistics matched to those of equivalent self-defense rounds.

AMERICAN EAGLE IRT LEAD FREE NEW

We've made the firing line even cleaner with American Eagle IRT Lead Free. Its proprietary new bullets are completely lead-free and its Federal® Catalyst™ primer, offers the same reliability, shelf life and ballistics of conventional lead styphnate primers—without the lead.

Now available in 380 Auto, 38 Special, 9mm Luger, 40 S&W and 45 Auto.



AMERICAN EAGLE

Hit your target and train harder with this proven line. It provides performance similar to self-defense and competition loads for a familiar feel and realistic practice.

CHAMPION

Loaded with Federal brass and primers, Champion™ handgun loads provide accurate, target-grade performance for shooters who put a lot of rounds downrange.

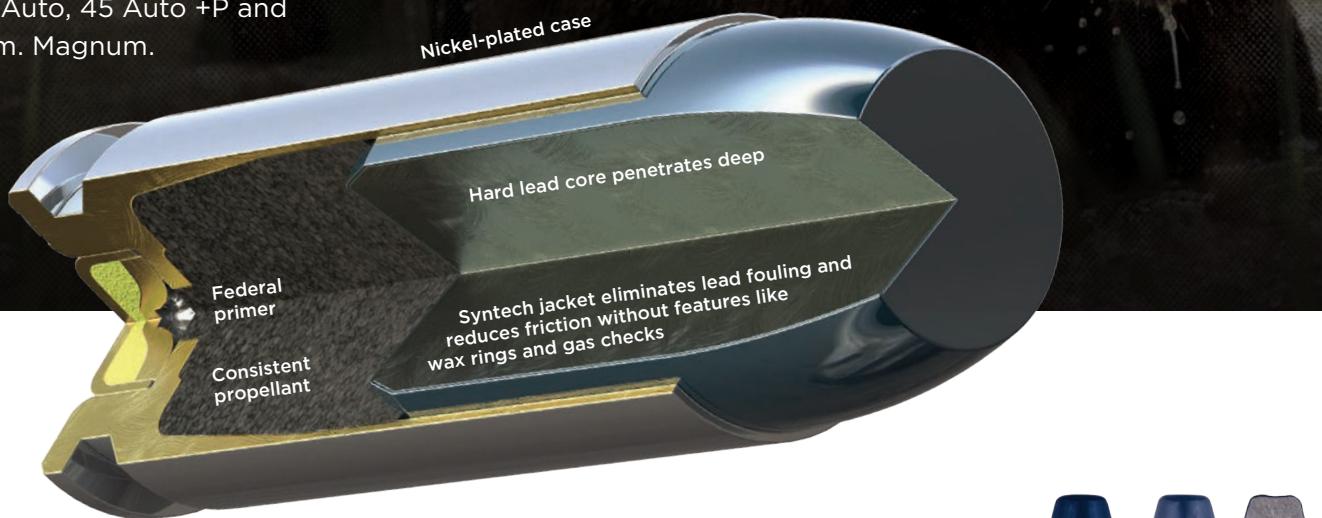
FOR A FULL LIST OF AVAILABLE LOADS AND BALLISTICS, REFER TO PAGES 41-42.



SOLID CORE

NEW

Sometimes wild places can put you in a tight spot. That's why we designed the all-new Solid Core. Its extremely hard, flat-nose lead bullet holds together while blowing through bone, providing high weight retention and deep penetration. Syntech® polymer jacket technology reduces the friction and leading that plague hard cast bullets. Available in popular hunting and defense calibers, including 9mm Luger, 357 Magnum, 40 S&W, 10mm Auto, 45 Auto +P and 44 Rem. Magnum.



Go Deep

Solid Core's hard lead bullet blasts through the toughest hide and bone, for extremely deep penetration. Its Syntech polymer jacket improves performance on impact without costly features like wax rings and gas checks.





TROPHY BONDED BEAR CLAW

Take complete advantage of 10mm Auto ballistics with Trophy Bonded® Bear Claw®. The full-power load and its tough, bonded bullet construction result in superb accuracy, high weight retention and deep penetration. It's just the thing for blasting through the vitals of bears, hogs, deer and more.



SWIFT A-FRAME

Handgun hunters leave nothing to chance when it comes to bullet choice. That's why we're proud to offer the robust Swift® A-Frame®. High weight retention and controlled expansion, regardless of distance, make these rounds ideal for big game.

BARNES EXPANDER

The all-copper construction of the Barnes® Expander brings handgun hunting performance to new heights. The loads provide 100 percent weight retention, outstanding expansion and superb accuracy.



Nice Round

"I recently took a whitetail with the Swift A-Frame. It had good knockdown—the deer dropped within 20 yards."

Yes, I recommend this product.

RATINGS & REVIEWS

We make it easy to review ammunition online and check out the ratings of others. Go to federalpremium.com.



FUSION NEW

These handgun loads feature the same molecularly fused bullet construction as their rifle counterparts for the toughness, accuracy and terminal performance short-barrel hunters need. Bullet weights and velocities have also been optimized to be lethal on deer without punishing the shooter. **Now available in 10mm Auto.**

POWER-SHOK

Short barrel performance that goes the distance. Handgun hunters can get the reliability and accuracy they need at an affordable price with Federal® Power-Shok® loads. The rounds feature a powerful jacketed hollow-point bullet suited to a variety of medium and big game.

FOR A FULL LIST OF AVAILABLE LOADS AND BALLISTICS, REFER TO PAGES 41-42.

MUZZLELOADING



FIRE
STICK

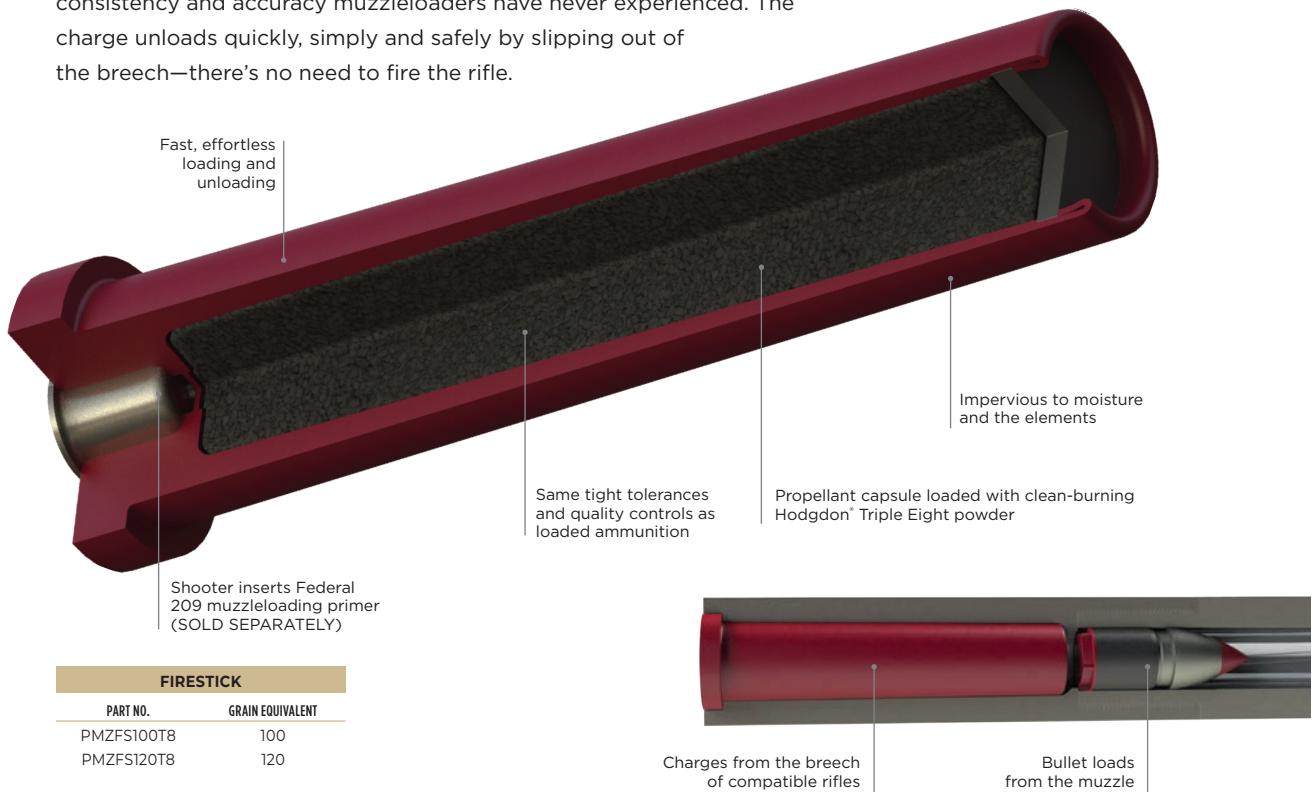
FIRESTICK

NEW

As long as there have been muzzleloading firearms, their shooters have been burdened by reliability, consistency and safety concerns. It all ends now. Federal Premium® FireStick™ is the critical component of a whole new ignition system that uses an encapsulated propellant charge that loads from the breech, with the bullet loaded from the muzzle. It's the perfect match for Federal Premium Trophy® Copper or Lead Tipped muzzleloader bullets and is compatible with the new Traditions™ NitroFire rifle.

Breech Breakthrough

FireStick's charge is completely impervious to moisture and loaded to the same tight tolerances as Federal Premium factory ammunition, ensuring shot-to-shot consistency and accuracy muzzleloaders have never experienced. The charge unloads quickly, simply and safely by slipping out of the breech—there's no need to fire the rifle.





B.O.R. LOCK MZ TROPHY COPPER & LEAD

We redefined modern in-line performance with the B.O.R. Lock MZ® system. Available in Trophy® Copper and Lead Tipped versions, it provides outstanding accuracy in a non-sabot design that's easy to load, scrubs fouling from the breech and ensures consistent bullet seating.

209 MUZZLELOADING PRIMER

Ignition is everything. The specialized formulation of our 209 Muzzleloading Primer provides superior resistance to moisture, as well as hot, reliable ignition of both granulated powder and pellets in any conditions. The design eliminates the excessive breech fouling typical of standard shotshell primers.

TROPHY COPPER MUZZLELOADER BULLET
WITH B.O.R. LOCK MZ

| LOAD NO. | CALIBER | GR |
|-----------|---------|-----|
| PMZ50TC1* | 50 | 270 |

*For best performance, use with magnum primers.

LEAD MUZZLELOADER BULLET
WITH B.O.R. LOCK MZ

| LOAD NO. | CALIBER | GR |
|-----------|---------|-----|
| PMZ50LMZ1 | 50 | 350 |

MUZZLELOADING PRIMER

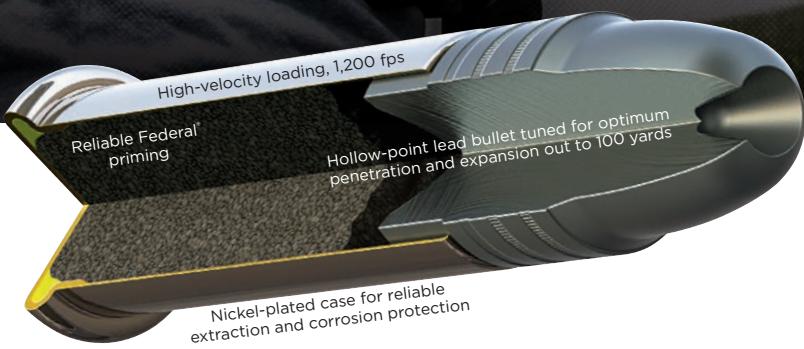
| PART NO. | TYPE |
|----------|------|
| PMZ209 | 209 |

RIMFIRE

HUNTER MATCH



Serious small game and varmint hunters demand more than standard performance from their rimfire loads. Hunter Match® 22 Long Rifle raises the bar, providing true long-range accuracy and terminal performance. The hollow-point lead bullet has been tuned for optimum penetration and expansion out to 100 yards, and its high-velocity loading provides the flat trajectories and energy to take down any target. Its nickel-plated case ensures flawless extraction and inhibits corrosion.



Squirrel Sniper

Hunter Match's high velocity and supreme consistency result in unmatched long-range terminal performance from the 22 LR platform.



100-Yard Expansion

The Hunter Match bullet's hollow-point design expands reliably out to 100 yards, making it a true long-range hunting option for 22 Long Rifle.



SPEER TNT

Explosive on impact and pinpoint accurate. Federal Premium Speer® TNT® rimfire loads deliver at a distance.



GOLD MEDAL

Shoot at the highest levels of rimfire competition with Federal Premium® Gold Medal®. The rounds are built with precision bullets and ultra-tight tolerances that ensure peak performance and consistency.



CHAMPION

Plinking. Targets. Training. Whatever rimfire pursuit drives you, get accurate, affordable performance with Federal® Champion™ rimfire. The reliable bullets, priming and brass are suited to a wide variety of rimfire range applications.



AMERICAN EAGLE

Whether you're shooting targets or small game, you'll get the precision and consistency you need with American Eagle® rimfire loads. They provide reliable, affordable performance with quality bullets, brass and priming.

AMERICAN EAGLE SUPPRESSOR

Sub-sonic loading slashes the volume of these rounds, yet their carefully selected propellants, bullet weights and primers mean they still perform to their ballistic peak and cycle flawlessly in suppressed firearms.



GAME LOADS

Whether you're after bushytails or bunnies, you'll put more in your bag with Federal Game Loads. The rimfire rounds offer consistent, reliable performance on small game, yet are affordably priced to keep you in the field for less.



BYOB

There's a party at the range, so BYOB. Federal® BYOB® rimfire buckets and bottles stack, store and carry easily. They're loaded with high-quality 17 HMR, 22 LR or 22 WMR rounds that are perfect for a day at the range or in the field.



RIMFIRE BALLISTICS

Abbreviation Key: BTHP = boat-tail hollow point; BTSP = boat-tail soft point; FN = flat nose; LRN = lead round nose; LSW = lead semi-wadcutter; LW = lead wadcutter; SWC = semi-wadcutter; SWHP = semi-wadcutter hollow point; CB = conical ball reduced power/noise; FP = flat point; CP = copper-plated; L = lead; J = jacketed; HP = hollow-point; RN = round nose; SHP = segmented hollow-point; SP = soft point; FMJ = full metal jacket; TSJ = total synthetic jacket; TMF = toxic-metal-free; TMJ = totally encapsulated bullet; V = vented barrel; HE = high energy (not for use in semi-automatic rifles); + = not for revolvers; Ⓜ = nickel-plated case; RMEF = a portion of the proceeds from the sale of this product is donated to Rocky Mountain Elk Foundation; SCI = a portion of the proceeds from the sale of this product is donated to Safari Club International; CLM = cartridge length longer than SAAMI max, may not fit in all magazines.; *Molycoat: molybdenum disulfide dry film lubricant

Federal Premium® Rimfire

| USAGE | FEDERAL LOAD NO. | CALIBER | BULLET WEIGHT IN | | VELOCITY IN FEET PER SECOND (TO NEAREST 10 FPS) | | | ENERGY IN FOOT-POUNDS (TO NEAREST 5 FOOT-POUNDS) | | | WIND DRIFT IN INCHES TO MPH CROSSWIND | | | HEIGHT OF BULLET TRAJECTORY IN INCHES ABOVE OR BELOW LINE OF SIGHT IF ZEROED AT ① YARDS. SIGHTS 1.5 INCHES ABOVE BORE LINE. AVERAGE RANGE | | |
|--------------------------------------|------------------|----------------------|------------------|-------|---|--------|---------|--|--------|---------|---------------------------------------|---------|----------|---|----------|--|
| | | | GRAINS | GRAMS | BULLET STYLE | MUZZLE | 50 YDS. | 100 YDS. | MUZZLE | 50 YDS. | 100 YDS. | 50 YDS. | 100 YDS. | 50 YDS. | 100 YDS. | |
| FEDERAL PREMIUM GOLD MEDAL® | | | | | | | | | | | | | | | | |
| 5 | 711B | 22 LONG RIFLE | 40 | 2.59 | SOLID | 1080 | 994 | 930 | 104 | 88 | 77 | 1.1 | 4.2 | ⊕ | -7.3 | |
| 5 | 719 | 22 LONG RIFLE | 40 | 2.59 | SOLID | 1200 | 1075 | 991 | 128 | 103 | 87 | 1.3 | 4.9 | ⊕ | -6.0 | |
| FEDERAL PREMIUM HUNTER MATCH® | | | | | | | | | | | | | | | | |
| 5 | 720 | 22 LONG RIFLE | 40 | 2.59 | MATCH HP | 1200 | 1075 | 991 | 128 | 103 | 87 | 1.3 | 4.9 | ⊕ | -6.0 | |
| FEDERAL PREMIUM VARMINT | | | | | | | | | | | | | | | | |
| 1 | P770 | 17 HMR | 17 | 1.1 | SPEER TNT JHP | 2530 | 2150 | 1804 | 242 | 174 | 123 | 0.9 | 3.8 | ⊕ | -0.4 | |
| 1 | P771 | 17 HMR | 17 | 1.1 | HORNADY® V-MAX® | 2530 | 2194 | 1884 | 242 | 182 | 134 | 0.8 | 3.3 | ⊕ | -0.3 | |

American Eagle® Rimfire

| USAGE | FEDERAL LOAD NO. | CALIBER | BULLET WEIGHT IN | | VELOCITY IN FEET PER SECOND (TO NEAREST 10 FPS) | | | ENERGY IN FOOT-POUNDS (TO NEAREST 5 FOOT-POUNDS) | | | WIND DRIFT IN INCHES TO MPH CROSSWIND | | | HEIGHT OF BULLET TRAJECTORY IN INCHES ABOVE OR BELOW LINE OF SIGHT IF ZEROED AT ① YARDS. SIGHTS 1.5 INCHES ABOVE BORE LINE. AVERAGE RANGE | | |
|----------------------------------|------------------|----------------------|------------------|-------|---|--------|---------|--|--------|---------|---------------------------------------|---------|----------|---|----------|--|
| | | | GRAINS | GRAMS | BULLET STYLE | MUZZLE | 50 YDS. | 100 YDS. | MUZZLE | 50 YDS. | 100 YDS. | 50 YDS. | 100 YDS. | 50 YDS. | 100 YDS. | |
| AMERICAN EAGLE | | | | | | | | | | | | | | | | |
| 1 | AE17WSM1 | 17 WSM | 20 | 1.3 | Tipped Varmint | 3000 | 2749 | 2511 | 400 | 336 | 280 | 0.4 | 1.6 | ⊕ | 0.3 | |
| 5 | AE22* | 22 LONG RIFLE | 38 | 2.46 | CPHP | 1260 | 1110 | 1010 | 134 | 104 | 86 | 1.5 | 5.5 | ⊕ | -5.5 | |
| 5 | AE5022 | 22 LONG RIFLE | 40 | 2.59 | Solid | 1240 | 1103 | 1011 | 137 | 108 | 91 | 1.4 | 5.1 | ⊕ | -5.6 | |
| AMERICAN EAGLE SUPPRESSOR | | | | | | | | | | | | | | | | |
| 5 | AE22SUP1 | 22 LONG RIFLE | 45 | 2.92 | CP Solid | 970 | 908 | 856 | 94 | 82 | 73 | 1.0 | 3.7 | ⊕ | -9.0 | |

V-Max is a registered trademark of Hornady.



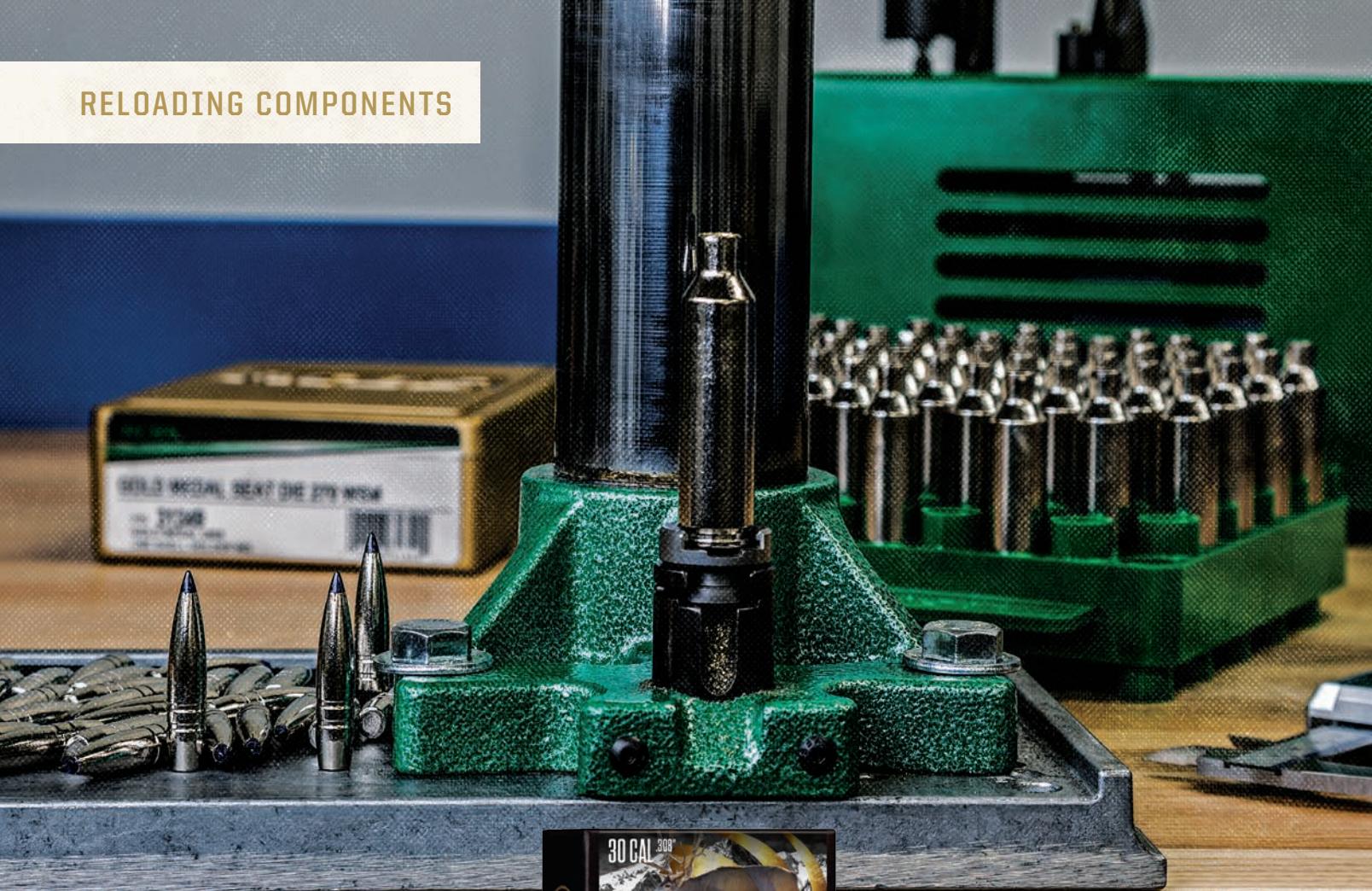
Usage Key: 1 = Varmints, predators, small game; 2 = medium game; 3 = large, heavy game; 4 = dangerous game; 5 = target shooting, training, practice; 6 = self defense; 7 = competition shooting; 8 = pest control; 9 = low noise, training, specialty.

These trajectory tables were calculated by computer using the best available data for each load. Trajectories are representative of the nominal behavior of each load at standard conditions (59°F temperature; barometric pressure of 29.53 inches; altitude at sea level). Shooters are cautioned that actual trajectories may differ due to variations in altitude, atmospheric conditions, guns, sights and ammunition.

Federal® Rimfire

| USAGE | FEDERAL LOAD NO. | CALIBER | BULLET WEIGHT IN GRAINS GRAMS | | BULLET STYLE | VELOCITY IN FEET PER SECOND (TO NEAREST 10 FPS) | | | ENERGY IN FOOT-POUNDS (TO NEAREST 5 FOOT-POUNDS) | | | WIND DRIFT IN INCHES TO SIGHT IF ZEROED AT ④ YARDS. SIGHTS 1.5 INCHES ABOVE BORE LINE. | | | HEIGHT OF BULLET TRAJECTORY IN INCHES ABOVE OR BELOW LINE OF SIGHT IF ZEROED AT ④ YARDS. SIGHTS 1.5 INCHES ABOVE BORE LINE. AVERAGE RANGE | |
|--------------------------|------------------|---------------|-------------------------------|---------|-----------------------|--|---------|----------|---|---------|----------|--|----------|---------|--|---|
| | | | MUZZLE | 50 YDS. | | MUZZLE | 50 YDS. | 100 YDS. | MUZZLE | 50 YDS. | 100 YDS. | 50 YDS. | 100 YDS. | 50 YDS. | 100 YDS. | |
| FEDERAL GAME LOAD | | | | | | | | | | | | | | | | |
| 1 | 716 | 22 LONG RIFLE | 25 | 1.62 | NO. 12 LEAD BIRD SHOT | - | - | - | - | - | - | - | - | - | - | - |
| 5 | 724 | 22 LONG RIFLE | 31 | 2.01 | C PHP | 1430 | 1197 | 1046 | 141 | 99 | 75 | 1.8 | 7.1 | ⊕ | 4.6 | |
| 15 | 712 | 22 LONG RIFLE | 38 | 2.46 | C PHP | 1260 | 1110 | 1010 | 134 | 104 | 86 | 1.5 | 5.5 | ⊕ | 5.5 | |
| 5 | 710 | 22 LONG RIFLE | 40 | 2.59 | C P SOLID | 1240 | 1103 | 1011 | 137 | 108 | 91 | 1.4 | 5.1 | ⊕ | 5.6 | |
| 5 | 757 | 22 WMR | 50 | 3.24 | JHP | 1530 | 1347 | 1197 | 260 | 201 | 159 | 1.2 | 4.7 | ⊕ | -3.3 | |
| FEDERAL CHAMPION™ | | | | | | | | | | | | | | | | |
| 5 | 745** | 22 LONG RIFLE | 36 | 2.33 | C PHP | 1260 | 1104 | 1003 | 127 | 97 | 80 | 1.5 | 5.7 | ⊕ | -5.6 | |
| 5 | AM22** | 22 LONG RIFLE | 40 | 2.59 | SOLID | 1200 | 1075 | 991 | 128 | 103 | 87 | 1.3 | 4.9 | ⊕ | -6.0 | |
| 5 | 510 | 22 LONG RIFLE | 40 | 2.59 | SOLID | 1240 | 1103 | 1011 | 137 | 108 | 91 | 1.4 | 5.1 | ⊕ | -5.6 | |
| 5 | 737 | 22 WMR | 40 | 2.59 | FMJ | 1880 | 1570 | 1311 | 314 | 219 | 153 | 1.4 | 5.8 | ⊕ | -2.1 | |
| BYOB BULK PACKS | | | | | | | | | | | | | | | | |
| 5 | 750BTL450 | 22 LONG RIFLE | 36 | 2.33 | C PHP | 1260 | 1104 | 1003 | 127 | 97 | 80 | 1.5 | 5.7 | ⊕ | -5.6 | |
| 5 | 750BKT825 | 22 LONG RIFLE | 36 | 2.33 | C PHP | 1260 | 1104 | 1003 | 127 | 97 | 80 | 1.5 | 5.7 | ⊕ | -5.6 | |
| 5 | 750BKT1375 | 22 LONG RIFLE | 36 | 2.33 | C PHP | 1260 | 1104 | 1003 | 127 | 97 | 80 | 1.5 | 5.7 | ⊕ | -5.6 | |
| 5 | 757BTL250 | 22 WMR | 50 | 3.24 | JHP | 1530 | 1347 | 1197 | 260 | 201 | 159 | 1.2 | 4.7 | ⊕ | -3.3 | |
| 5 | 770BTL250 | 22 LONG RIFLE | 40 | 2.59 | MATCH HP | 1200 | 1075 | 991 | 128 | 103 | 87 | 1.3 | 4.9 | ⊕ | -6.0 | |

RELOADING COMPONENTS

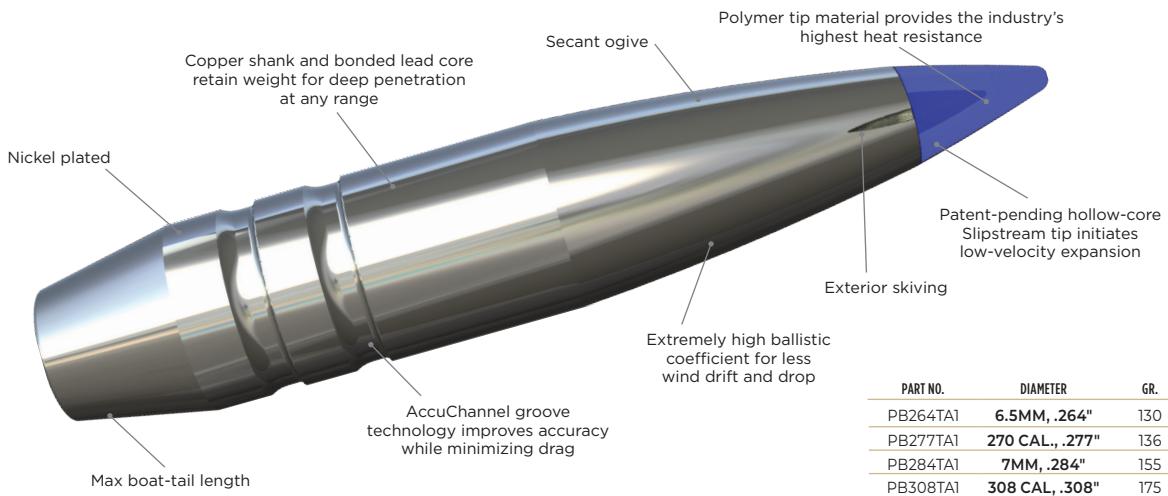


TERMINAL ASCENT

NEW



Harness the world's best all-range performance in every handload that leaves your press. New Federal Premium® Terminal Ascent™ component bullets' bonded construction fuels deep penetration on close targets, while the patented Slipstream® polymer tip initiates expansion at velocities 200 fps lower than comparable designs. The bullet's long, sleek profile offers an extremely high ballistic coefficient, and its AccuChannel® groove technology improves accuracy and minimizes drag. Now available in a full selection of bullet weights and diameters for loading the most popular long-range cartridges.



| PART NO. | DIAMETER | GR. | BALLISTIC COEFFICIENT | | COUNT |
|----------|-----------------|-----|-----------------------|-------|-------|
| | | | G7 | COUNT | |
| PB264TA1 | 6.5MM, .264" | 130 | 0.263 | 50 | |
| PB277TA1 | 270 CAL., .277" | 136 | 0.247 | 50 | |
| PB284TA1 | 7MM, .284" | 155 | 0.300 | 50 | |
| PB308TA1 | 308 CAL., .308" | 175 | 0.258 | 50 | |
| PB308TA2 | 308 CAL., .308" | 200 | 0.304 | 50 | |

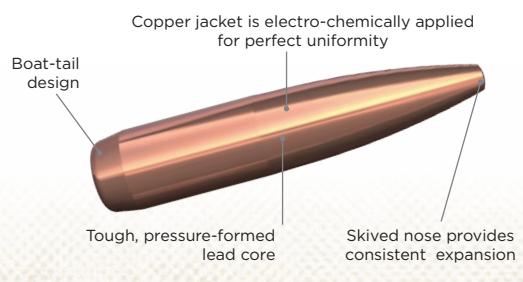
FUSION NEW



Handloaders can roll their own with the bullet that changed hunting ammunition forever. Fusion® component bullets provide the largest expansion and highest weight retention in their class. With a molecularly fused jacket and a pressure-formed core, Fusion transfers maximum energy on target.

| PART NO. | DIAMETER | GR. | COUNT |
|----------|-------------------------|-----|-------|
| FB224F1 | .224 CAL., .224" | 90 | 50 |
| FB264F2 | 6.5MM, .264" | 140 | 100 |
| FB277F2 | .270 CAL., .277" | 130 | 100 |
| FB277F4 | .270 CAL., .277" | 150 | 100 |
| FB284F1 | 7MM, .284" | 140 | 100 |
| FB284F3 | 7MM, .284" | 160 | 100 |

| PART NO. | DIAMETER | GR. | COUNT |
|----------|-------------------------|-----|-------|
| FB284F4 | 7MM, .284" | 175 | 100 |
| FB308F1 | .30 CAL., .308" | 150 | 50 |
| FB308F4 | .30 CAL., .308" | 180 | 50 |
| FB338F1 | .338 CAL., .338" | 200 | 50 |
| FB338F2 | .338 CAL., .338" | 225 | 50 |
| FB350F1 | .350 CAL., .358" | 160 | 100 |
| FB450F1 | .450 CAL., .452" | 260 | 100 |



TROPHY BONDED TIP



This proven design stands apart from all other big game bullets, combining bonded construction, a bone-crushing copper shank, boat-tail design and a polymer tip that tightens groups at long range.

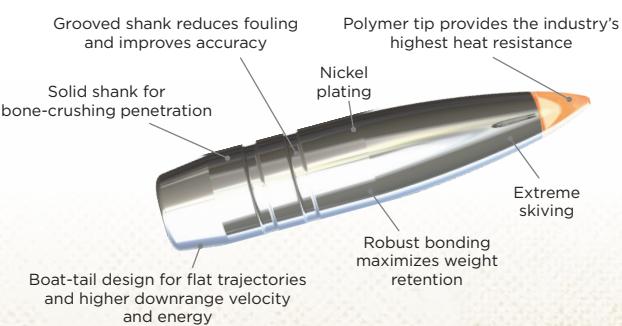
| PART NO. | DIAMETER | GR. | BALLISTIC COEFFICIENT | |
|------------|------------------------|-----|-----------------------|-------|
| | | | G1 | COUNT |
| PB277TT130 | 270 CAL., .277" | 130 | 0.440 | 50 |
| PB277TT140 | 270 CAL., .277" | 140 | 0.455 | 50 |
| PB284TT140 | 7MM, .284" | 140 | 0.430 | 50 |
| PB284TT160 | 7MM, .284" | 160 | 0.520 | 50 |
| PB308TT165 | .30 CAL., .308" | 165 | 0.450 | 50 |
| PB308TT180 | .30 CAL., .308" | 180 | 0.500 | 50 |

TROPHY BONDED BEAR CLAW



Deadly reliability made this bullet a legend across the wildest corners of the globe. Its bonded jacket and core provide controlled expansion and retain more than 95 percent of the bullet's weight to penetrate deep.

| PART NO. | DIAMETER | GR. | COUNT |
|--------------|-------------------------|-----|-------|
| PB375TBBC250 | 375 CAL., .375" | 250 | 25 |
| PB375TBBC300 | 375 CAL., .375" | 300 | 25 |
| PB416TBBC400 | .416 CAL., .416" | 400 | 25 |

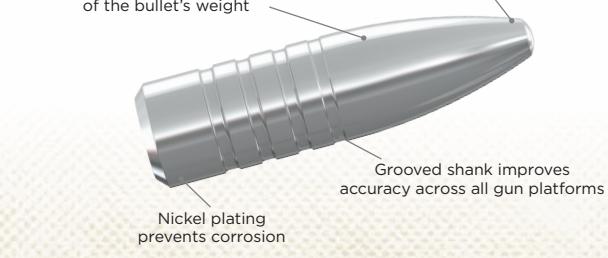


TROPHY BONDED SLEDGEHAMMER SOLID



This time-tested design bonds a lead core to a thick brass jacket to achieve bone-crushing penetration on the toughest, most dangerous game on the planet. Its flat nose minimizes deflection for a straight, deep wound cavity.

| PART NO. | DIAMETER | GR. | COUNT |
|--------------|-------------------------|-----|-------|
| PB375TBSH300 | 375 CAL., .375" | 300 | 25 |
| PB416TBSH400 | .416 CAL., .416" | 400 | 25 |



RELOADING COMPONENTS



HYDRA-SHOK

Load the bullet design that's defined self-defense for a generation. Introduced in 1989, Hydra-Shok® remains one of the most popular choices for protecting home and family, thanks to a proven hollow point and iconic center post that provide extremely consistent and effective expansion.

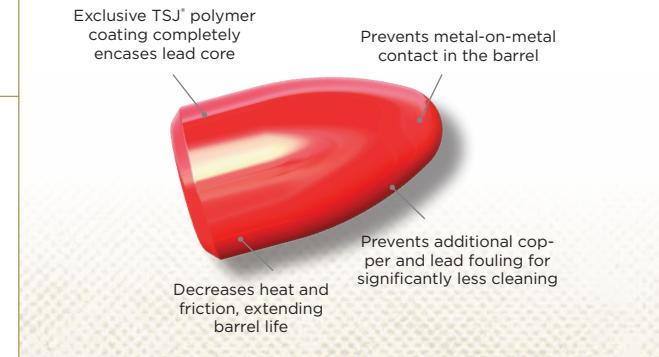
| PART NO. | DIAMETER | GR. | COUNT |
|------------|-----------------|-----|-------|
| PB38HS129 | 38 CAL., .357" | 129 | 100 |
| PB9HS124 | 9MM, .355" | 124 | 100 |
| PB9HS147 | 9MM, .355" | 147 | 100 |
| PB357HS158 | 357 CAL., .357" | 158 | 100 |
| PB40HS165 | 40 CAL., .400" | 165 | 50 |
| PB40HS180 | 40 CAL., .400" | 180 | 50 |
| PB45HS185 | 45 CAL., .451" | 185 | 50 |
| PB45HS230 | 45 CAL., .451" | 230 | 50 |

SYNTech



With an exclusive Total Synthetic Jacket that eliminates copper fouling and decreases heat and friction, Syntech Range™ bullets provide clean, accurate, consistent performance, as well as less splash-back on steel targets.

| PART NO. | DIAMETER | GR. | COUNT |
|-----------|----------------|-----|-------|
| AE9SJCB1 | 9MM, .355" | 115 | 100 |
| AE40SJCB1 | 40 CAL., .400" | 165 | 100 |
| AE45SJCB1 | 45 CAL., .451" | 230 | 100 |



UNPRIMED BRASS

Federal Premium® ammunition is loaded with the industry's finest brass, and we offer those same world-renowned unprimed cases to handloaders.

| PART NO. | CALIBER | COUNT |
|----------------|-----------------|-------|
| PR223UPB100 | 223 REM. | 100 |
| PR22250UPB100 | 22-250 REM. | 100 |
| PR224VLKUPB100 | 224 VALKYRIE | 100 |
| PR243UPB50 | 243 WIN. | 50 |
| PR65GDLUPB50 | 6.5 GRENDEL | 50 |
| PR65CRDUPB50 | 6.5 CREEDMOOR | 50 |
| PR270UPB50 | 270 WIN. | 50 |
| PR270WSMUPB50 | 270 WSM | 50 |
| PR7UPB50 | 7MM REM. MAGNUM | 50 |
| PR3030UPB50 | 30-30 WIN. | 50 |
| PR308UPB50 | 308 WIN. | 50 |
| PR3006UPB50 | 30-06 SPRG. | 50 |
| PR300UPB50 | 300 WIN. MAGNUM | 50 |
| PR300WSMUPB50 | 300 WSM | 50 |
| PR338FUPB50 | 338 FEDERAL | 50 |
| PH327UPB100 | 327 FEDERAL | 100 |
| PH9UPB100 | 9MM LUGER | 100 |
| PH40UPB100 | 40 S&W | 100 |
| PH45UPB100 | 45 AUTO | 100 |



GOLD MEDAL PRIMERS

The most exacting tolerances translate to ignition consistency that makes Federal Premium Gold Medal® cartridges the choice of match shooters everywhere.

| CENTERFIRE PRIMERS | | | |
|-----------------------|---------------------------|--|--------------|
| PART NO. | TYPE | USE | NOMINAL DIA. |
| GM100M | SMALL PISTOL MATCH | STD. VELOCITY PISTOL AND REVOLVER | .175 |
| GM150M | LARGE PISTOL MATCH | STD. AND MAGNUM PISTOL AND REVOLVER | .210 |
| GM155M | LARGE MAGNUM PISTOL MATCH | MAGNUM REVOLVER | .210 |
| GM200M | SMALL MAGNUM PISTOL MATCH | HIGH VELOCITY AND MAGNUM PISTOL AND REVOLVER | .175 |
| GM205M | SMALL RIFLE MATCH | SMALL RIFLE | .175 |
| GM210M | LARGE RIFLE MATCH | LARGE RIFLE | .210 |
| GM215M | LARGE MAGNUM RIFLE MATCH | MAGNUM RIFLE | .210 |
| AR CENTERFIRE PRIMERS | | | |
| GM205MAR | SMALL RIFLE AR MATCH | SMALL RIFLE AR | .175 |
| WADS | | | |
| 12C5 | 12 GAUGE | 1 1/8 OZ. LOADS | |



CHAMPION WADS & PRIMERS

Affordable and reliable, Champion® components are consistent and affordable options for high-volume shooters and reloaders.



| PART NO. | TYPE | USE |
|----------|-----------|---|
| 1250 | 12 GAUGE | 7/8 AND 1 OZ. LOADS IN GOLD MEDAL TARGET SHELLS |
| 1254 | 12 GAUGE | 1 1/4 OZ. LOADS IN GOLD MEDAL TARGET AND HUNTING SHELLS |
| 20S1 | 20 GAUGE | 7/8 AND 1 OZ. IN ALL LOADS |
| 28S1 | 28 GAUGE | 5/16 AND 3/4 OZ. LOADS |
| 410SC | .410 BORE | 1/2 OZ. LOADS (SHOT CUP ONLY) |

| CENTERFIRE PRIMERS | | | |
|--------------------|---------------------|--|--------------|
| PART NO. | TYPE | USE | NOMINAL DIA. |
| 100 | SMALL PISTOL | STD. VELOCITY PISTOL AND REVOLVER | .175 |
| 150 | LARGE PISTOL | STD. AND MAGNUM PISTOL AND REVOLVER | .210 |
| 155 | LARGE MAGNUM PISTOL | MAGNUM REVOLVER | .210 |
| 200 | SMALL MAGNUM PISTOL | HIGH VELOCITY AND MAGNUM PISTOL AND REVOLVER | .175 |
| 205 | SMALL RIFLE | SMALL RIFLE | .175 |
| 210 | LARGE RIFLE | LARGE RIFLE | .210 |
| 215 | LARGE MAGNUM RIFLE | MAGNUM RIFLE | .210 |
| SHOTSHELL PRIMERS | | | |
| 209A | SHOTSHELL | 10, 12, 20, 28 GAUGE AND .410 BORE | .243 |

SHOTSHELL SCIENCE

RESOURCES TO CHOOSE THE RIGHT LOAD

Breaking clay targets, wingshooting gamebirds, launching slugs at big game, protecting your home—there's almost no limit to what a shotgun paired with the right ammunition can do. But to maximize the platform's potential, you need to choose the load that best fits the application. Use the resources here to make the right call no matter what your pursuit might be.

Average Pellet Count — Steel Shot

| Shot Size | Payload Weight | | | | | | | | | |
|-----------|----------------|-------------|---------------|-----------|---------------|---------------|---------------|---------------|----------------|-----------------|
| | 3/4 (21.25) | 7/8 (24.81) | 15/16 (26.58) | 1 (28.35) | 1 1/8 (31.89) | 1 1/4 (35.44) | 1 3/8 (39.98) | 1 1/2 (42.52) | 1 9/16 (44.30) | 1 15/16 (46.06) |
| 7.5 | 316 | - | 395 | 422 | 475 | 527 | 580 | 633 | 659 | 685 |
| 6 | 236 | - | 295 | 315 | 354 | 394 | 433 | 472 | 492 | 512 |
| 5 | 182 | - | 228 | 243 | 273 | 304 | 334 | 364 | 380 | 395 |
| 4 | 144 | 168 | 180 | 192 | 216 | 240 | 264 | 288 | 300 | 312 |
| 3 | 118 | 136 | 143 | 158 | 178 | 197 | 217 | 237 | 247 | 257 |
| 2 | 94 | - | 117 | 125 | 141 | 156 | 172 | 187 | 195 | 203 |
| 1 | 77 | - | 97 | 103 | 116 | 129 | 142 | 154 | 161 | 167 |
| BB | 54 | - | 67 | 72 | 81 | 90 | 99 | 108 | 112 | 117 |
| BBB | 46 | - | 58 | 62 | 70 | 77 | 85 | 93 | 97 | 101 |
| T | 39 | - | 49 | 52 | 58 | 65 | 71 | 78 | 81 | 84 |

Weight of Shot in Ounces (Grams)

Average Pellet Count — Lead Shot

| Shot Size | Payload Weight | | | | | | | | | | | | | | |
|-----------|----------------|---------------|-------------|-------------|-----------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|-----------|---------------|
| | 1/2 (14.17) | 11/16 (19.49) | 3/4 (21.25) | 7/8 (24.80) | 1 (28.35) | 1 1/8 (31.89) | 1 1/4 (35.44) | 1 5/16 (37.21) | 1 3/8 (38.98) | 1 1/2 (42.52) | 1 5/8 (46.06) | 1 13/16 (49.61) | 1 17/16 (53.15) | 2 (56.70) | 2 1/4 (63.78) |
| 9 | 292 | 402 | 439 | 512 | 585 | 658 | 731 | 767 | 804 | 877 | 951 | 1024 | 1097 | 1170 | 1316 |
| 8½ | 249 | 342 | 373 | 435 | 497 | 559 | 621 | 652 | 683 | 745 | 808 | 870 | 932 | 994 | 1118 |
| 8 | 205 | 282 | 307 | 359 | 410 | 461 | 512 | 538 | 564 | 615 | 666 | 718 | 769 | 820 | 922 |
| 7½ | 175 | 241 | 262 | 306 | 350 | 394 | 437 | 459 | 481 | 525 | 569 | 613 | 656 | 700 | 787 |
| 6 | 112 | 155 | 169 | 197 | 225 | 253 | 281 | 295 | 309 | 337 | 366 | 394 | 422 | 450 | 506 |
| 5 | 85 | 117 | 127 | 149 | 170 | 191 | 212 | 223 | 234 | 255 | 276 | 298 | 319 | 340 | 382 |
| 4 | 67 | 93 | 101 | 118 | 135 | 152 | 169 | 177 | 186 | 202 | 219 | 236 | 253 | 270 | 304 |
| 2 | 43 | 60 | 65 | 76 | 87 | 98 | 109 | 114 | 120 | 130 | 141 | 152 | 163 | 174 | 196 |
| BB | 25 | 34 | 37 | 44 | 50 | 56 | 62 | 65 | 69 | 75 | 81 | 88 | 94 | 100 | 112 |

Weight of Shot in Ounces (Grams) (3% Antimony)

Average Pellet Count — HEAVYWEIGHT® TSS Shot

| Shot Size | Payload Weight | | | | | |
|-----------|----------------|--------------|--------------|---------------|---------------|---------------|
| | 13/16 (23.03) | 11/2 (42.52) | 15/8 (47.07) | 1 3/4 (49.61) | 2 1/4 (63.78) | 2 1/2 (70.87) |
| 9 | 294 | 544 | - | 634 | 815 | - |
| 7 | - | 283 | - | 330 | 424 | - |
| 7½ | - | - | 470 | - | - | 718 |
| 8/10 | - | - | 653 | - | - | 1006 |

Weight of Shot in Ounces (Grams)

Average Pellet Count — Bismuth Shot

| Shot Size | Payload Weight | | |
|-----------|----------------|---------------|---------------|
| | 1 1/8 (31.89) | 1 1/4 (35.44) | 1 3/8 (39.98) |
| 3 | 137 | 152 | 168 |
| 4 | 170 | 189 | 208 |
| 5 | 219 | 243 | 268 |

Color Coding

To increase safety among shooters, Federal was the first manufacturer to use color-coding for shotshells. This safety measure became an industry norm after it was introduced in 1960.



10 GAUGE

12 GAUGE

16 GAUGE

20 GAUGE

28 GAUGE

.410 BORE

**Buckshot Sizes (Actual Size)**

| No. 4 | No. 3 | No. 2 | No. 1 | No. 00 | No. 000 |
|---------------|---------------|---------------|---------------|---------------|---------------|
| .24" (6.10mm) | .25" (6.35mm) | .27" (6.86mm) | .30" (7.62mm) | .33" (8.38mm) | .36" (9.14mm) |

Shot Size Reference

| PELLET | T | BBB | BB | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 7½ | 8 | 8½ | 9 | 10 |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIAMETER INCHES | .20 | .19 | .18 | .16 | .15 | .14 | .13 | .12 | .11 | .10 | .095 | .09 | .085 | .08 | .07 |
| DIAMETER MM | 5.08 | 4.83 | 4.57 | 4.06 | 3.81 | 3.56 | 3.30 | 3.05 | 2.79 | 2.54 | 2.41 | 2.29 | 2.16 | 2.03 | 1.78 |

Game Guide

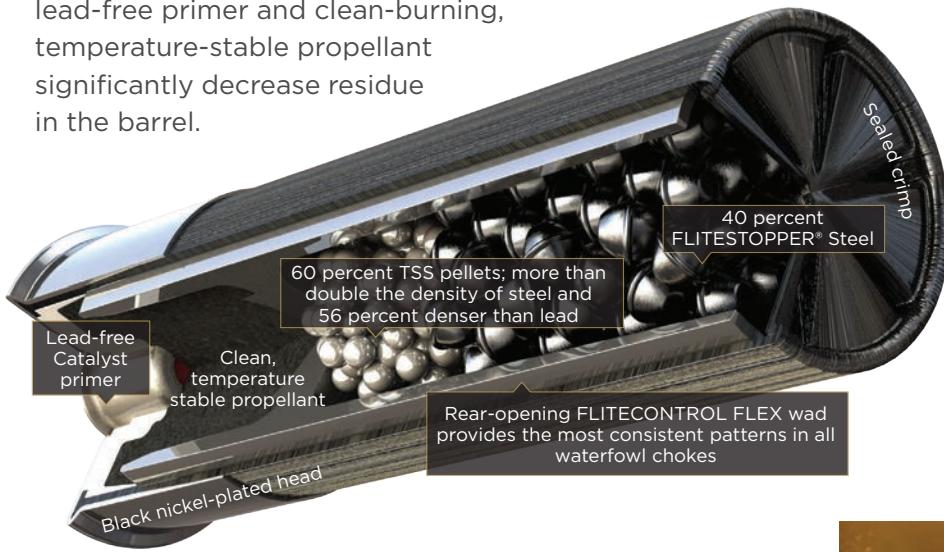
| GAME | GAUGE | DISTANCE (YDS) | CHOKE | STEEL SHOT SIZES | GAME | GAUGE | DISTANCE (YDS) | CHOKE | HWT TSS SHOT SIZES | LEAD SHOT SIZES |
|---|----------------|----------------|--------|------------------|-----------------------------|-------------------------|----------------|---------|--------------------|-----------------|
| LARGE DUCKS (Mallard, Pintail, Black) | 10, 12, 16, 20 | 20-30 | IC/M | 1, 2, 3, 4 | TURKEY | 10, 12, 20, .410 | 20-30 | F | 7, 8, 9, 10 | 4, 5, 6 |
| MEDIUM DUCKS (Wood Duck, Scaup, Widgeon) | 10, 12, 16, 20 | 30+ | IC/M/F | BB, 1, 2, 3 | PHEASANT, PRAIRIE GROUSE | 10, 12, 20 | 30+ | F/EF | 7, 8, 9, 10 | 4, 5, 6 |
| SMALL DUCKS (Teal, Bufflehead) | 12, 16, 20 | 20-30 | IC/M/F | 2, 3, 4, 6 | RUFFED GROUSE, PARTRIDGE | 12, 16, 20, 28 | 20-30 | IC/M | 3, 4 | 4, 5, 6, .75 |
| LARGE GEESE (Giant, Western Canada) | 12, 16 | 30+ | IC/M/F | 3, 4, 6, 7 | QUAIL, DOVE | 12, 16, 20, 28 | 20-30 | SK/IC/M | - | 6, 7.5, 8, 9 |
| MEDIUM GEESE (Snow, Lesser Canada) | 10, 12 | 20-30 | IC/M | T, BBB, BB | WOODCOCK, SNIPE | 12, 16, 20, 28 | 20-30 | SK/IC/M | - | 5, 6, 7.5 |
| | 10, 12 | 30+ | IC/M | T, BBB, BB | QUAIL, DOVE | 12, 16, 20 | 30+ | IC/M | - | 6, 7.5, 8 |
| | 10, 12 | 20-30 | IC/M | BBB, BB, 1 | WOODCOCK, SNIPE | 12, 16, 20, 28 | 20-30 | SK/IC/M | - | 7.5, 8, 9 |
| | 10, 12 | 30+ | IC/M | BBB, BB, 1 | RABBIT, SQUIRREL | 12, 16, 20 | 30+ | IC/M | - | 7.5, 8 |
| | 10, 12 | 20-30 | IC/M | BBB, | | 12, 16, 20, 28, .410 | 20-30 | IC/M | - | 4, 5, 6, .75 |
| | 10, 12 | 30+ | IC/M | BBB, | | 12, 16, 20 | 30+ | IC/M/F | - | 4, 5, 6 |

Federal recommends patterning your gun to determine the optimum choke. *EF=Extra Full F = Full Choke M = Modified Choke IC = Improved Cylinder, SK=Skeet



BLACK CLOUD

The best load in waterfowl hunting has never been so deadly. Black Cloud® FS Steel® is now equipped with the FLITECONTROL FLEX® wad to deliver improved pattern density and consistency through both ported and standard waterfowl chokes. The efficient Catalyst™ lead-free primer and clean-burning, temperature-stable propellant significantly decrease residue in the barrel.



Cutting-Edge Technology—Literally

FLitestopper Steel creates massive wound cavities visible in ballistic gelatin. Its amazing shot construction features a cutting edge that devastates on impact

FLITECONTROL FLEX™ WAD



30 Percent Better Patterns*

Produce more efficient patterns through both ported chokes and standard tubes with the FLITECONTROL FLEX wad. Patent-pending rear-deploying petals feature reinforced gussets to allow them to deploy when fired through ported chokes that decrease muzzle pressure. Side-mounted slits stimulate the payload for separation from the wad at the ideal moment for consistent, deadly patterns.

*Claim based on 10-round average pattern efficiency comparison of PWB134 BB and PWBX134 BB shot through Patternmaster®, Indian Creek Black Diamond Triumph and Kick's High Flyer™ chokes at 40 yards.



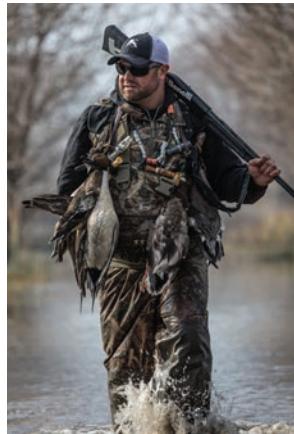


BANQUET PARTNER

BLACK CLOUD TSS

NEW

Duck and goose hunting entered a deadly new age with the introduction of Black Cloud® TSS. Now hunters can get that same performance in a new 20-gauge load in addition to the original 12-gauge offerings. It blends No. 3 FLitestopper® Steel with No. 9 18 g/cc Tungsten Super Shot. More pellets. More range.



BLACK CLOUD HIGH VELOCITY

Shorten leads and hit birds even harder with Black Cloud® FS Steel® High Velocity. Faster. More lethal.



SPEED-SHOK

Speed kills ducks and geese. Now it kills even cleaner with redesigned Federal® Speed-Shok®. Its Catalyst lead-free primer and fast-burning powder dramatically reduce residue, while its optimized velocities knock birds out of the sky.



Partner Spotlight:

Chad Belding

Chad Belding, host of Federal Premium-sponsored "The Fowl Life," has built a reputation as a diehard duck and goose hunter who puts birds down in any situation. That's why he loads his shotgun with Black Cloud on every hunt. It's the only ammunition that delivers the lethal performance he needs.

FOR A FULL LIST OF AVAILABLE LOADS, REFER TO PAGES 65-66.

UPLAND



BISMUTH UPLAND & WATERFOWL

NEW



LEAD
FREE
SHOT



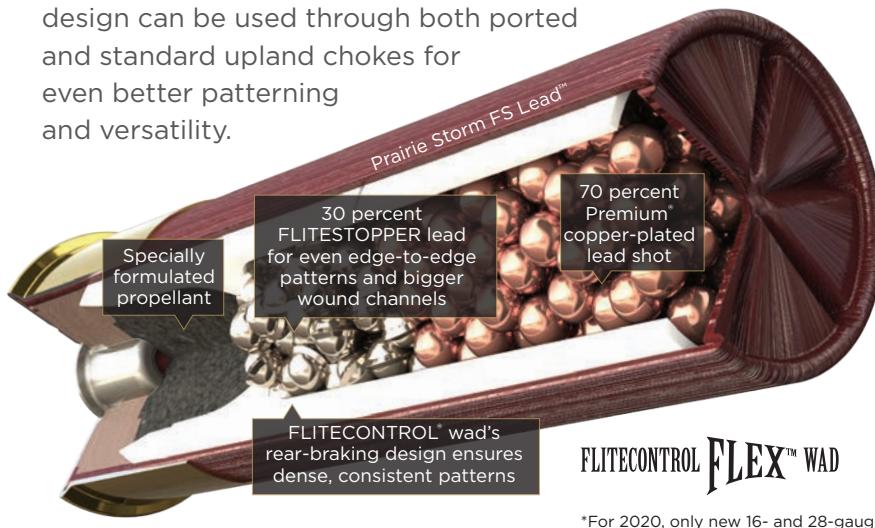
MEATEATER

Bring back the performance of lead—without the heavy metal. With high-quality bismuth pellets with a density of 9.6 g/cc, Federal Premium® Bismuth payloads pattern and hit birds like traditional lead, providing more killing power at longer ranges. The material is also softer than tungsten and steel, allowing use with older shotguns. The loads' FLITECONTROL FLEX® wad tightens patterns and increases lethality over comparable steel loads. That's why they're the official shotshell ammunition of MeatEater.

PRAIRIE STORM

NEW

Don't settle for sub-par performance from your sub-gauge shotgun. New 16- and 28-gauge Federal Premium® Prairie Storm® FS Lead loads use the updated FLITECONTROL FLEX® wad and a mixed payload of standard pellets and FLitestopper® lead to produce full, consistent patterns from these smaller payloads. The improved wad design can be used through both ported and standard upland chokes for even better patterning and versatility.



FLITECONTROL FLEX™ WAD



Holes In The Bird, Not The Pattern

PF154FS 4 puts more than 75 percent of its pattern in a 30-inch circle at 40 yards with a modified choke.

*For 2020, only new 16- and 28-gauge loads feature FLITECONTROL FLEX wad.



PRAIRIE STORM STEEL

Pheasants are fast, tough birds. That's why we combined the FLITECONTROL® wad and FLITESTOPPER® pellet technologies to create Prairie Storm® FS Steel. It puts more than 75 percent of its pellets in a 30-inch circle at 40 yards, with energy similar to the most popular lead loads.



FEDERAL PREMIUM UPLAND

Upland loads feature Federal Premium® copper-plated lead shot and the best components for consistent, deadly patterns. Magnum loads have buffered shot for tighter patterns, less feather draw and maximum penetration.



FEDERAL GAME LOAD

Woods or fields. Fur or feathers. Federal® Game Load has you covered with carefully crafted loads packed with features that provide reliable, effective performance on a variety of small game and upland birds.



HI-BIRD

Combine speed, hard-hitting pellets and a specialized wad to fold the highest upland birds. Hi-Bird® uses a two-piece wad with SoftCell™ technology to decrease perceived recoil and produce more consistent long-range patterns.

PARTNER SPOTLIGHT:

Pheasants Forever

Since 1998, Federal® has supported Pheasants Forever with an on-box ammunition royalty program. For every box of Prairie Storm or Federal Premium Upland you buy with the Pheasants Forever logo, Federal donates a portion of the proceeds to the organization's habitat and education programs. We've sold more than 55 million of these special shotshells!



UPLAND STEEL NEW

Doves are done. Federal® Upland Steel serves up the patterns and power hunters need for hard-to-hit birds at a price that keeps them shooting all day. The loads are consistent and reliable, with high velocities that make the most of the steel payload. **Now available in 28-gauge and .410.**

FOR A FULL LIST OF AVAILABLE LOADS, REFER TO PAGES 65-66.

TURKEY



HEAVYWEIGHT TSS

Kill gobblers at longer distances than ever before. Payloads of HEAVYWEIGHT® Tungsten Super Shot provide the highest pellet counts possible, with an 18 gm/cc density that's 20 percent higher than standard tungsten and 56 percent more than lead. Its rear-braking FLITECONTROL FLEX® wad performs flawlessly through ported and standard turkey chokes for the most consistent, deadly patterns possible.

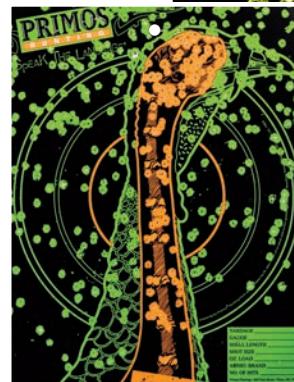
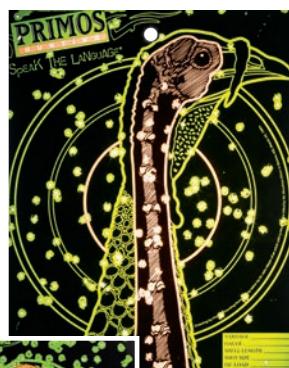


More Pellets Than Ever Before

New blended loads combine No. 7 and 9 or 8 and 10 Tungsten Super Shot. With some payloads topping 1,000 pellets, they put more hits on target than any turkey load in history. Target shot with 2½-ounce load of No. 8 and 10 HEAVYWEIGHT TSS (PTSSX195F .810) at 40 yards through an Indian Creek .665 constriction choke.

.410 Performer

With the increased power and pellet counts of HEAVYWEIGHT TSS loads, hunters can get the patterns of hard-kicking 12-gauge lead loads while using a low-recoil .410. Target shot at 40 yards with PTSS419F 9 through a fixed full choke. Load does not include the FLITECONTROL FLEX wad.





A portion of the proceeds from all Federal Premium® turkey loads goes to support the National Wild Turkey Federation and its important conservation work.

3rd Degree
PTDX157 567



Conventional lead turkey load,
1¾-ounce No. 5 shot



3RD DEGREE WITH HEAVYWEIGHT TSS

Rather than simply pattern tightly like conventional loads, 3rd Degree uses a three-stage payload consisting of No. 5 copper-plated lead, No. 6 FLITESTOPPER® lead and No. 7 HEAVYWEIGHT® TSS shot to deliver larger, more forgiving patterns at close range, while still providing deadly performance at long distance. The official turkey load of MeatEater.



Close-Range Forgiveness

The FLITESTOPPER lead portion of the 3rd Degree payload spreads quickly, creating forgiving patterns close up. Targets shot with a 28-inch barrel and Indian Creek ported turkey choke at 12 yards; yellow area denotes effective pattern size.



GRAND SLAM

Extend the range and enhance the lethality of lead turkey payloads. Its FLITECONTROL FLEX wad system works in both standard and ported turkey chokes, and high-quality copper-plated lead pellets are cushioned with an advanced buffering compound to provide dense patterns and ample energy.



Spur Tape

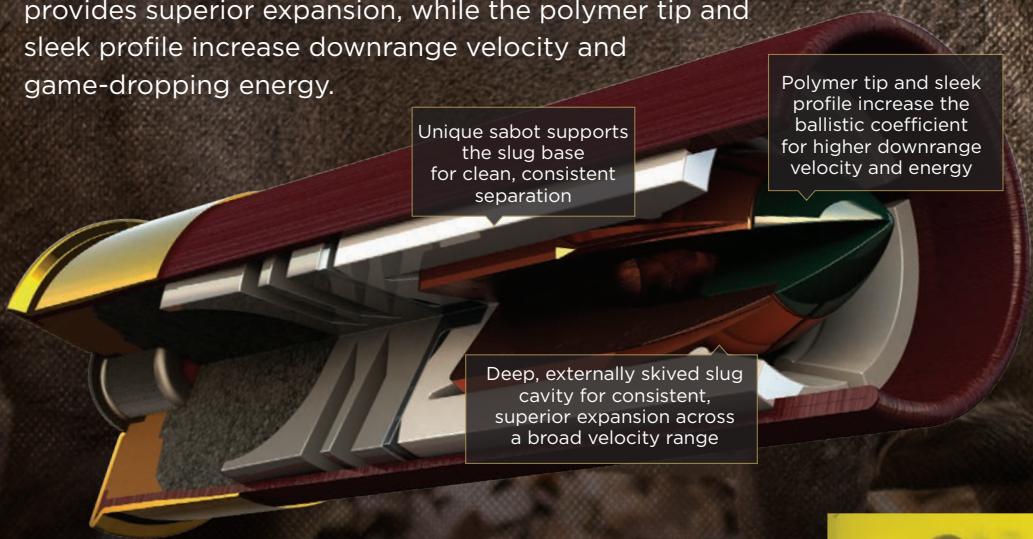
Instantly determine just how much to brag up your gobbler with Spur Tape—a feature on Grand Slam® and all Federal Premium turkey loads. The measuring hash marks on the hull let you quickly measure spurs in the field and share with your jealous buddies.

FOR A FULL LIST OF AVAILABLE LOADS, REFER TO PAGES 65-66.



TROPHY COPPER SABOT

Harness the power of slugs without sacrifices. Trophy® Copper uses a unique sabot design to produce rifle-like accuracy at 200 yards through rifled barrels. The slug's deep, externally skived nose cavity provides superior expansion, while the polymer tip and sleek profile increase downrange velocity and game-dropping energy.



This is What Consistency Looks Like

By incorporating a deep, externally skived cavity in the nose, we ensure the Trophy Copper Slug opens consistently—whether it hits the target at 20 yards or 200-plus. Gelatin shot at 100 yards.



POWER-SHOK SABOT SLUG

Power-Shok sabots provide accuracy and power through fully rifled barrels.

SMOOTHBORE BARRELS



TRUBALL RIFLED SLUG

Forget what you think you know about smoothbore slug gun accuracy. The TruBall® is the most consistent smoothbore slug on the market, capable of groups as tight as 1.4 inch at 50 yards. The TruBall system locks the components together, centering and pushing the rifled slug out of the barrel.

SMOOTHBORE SALVATION

TruBall prints groups at 50 and even 100 yards that would rival some rifles. Targets shot with PB127 RS at 50 and 100 yards.

POWER-SHOK RIFLED SLUG

Get solid, reliable performance from your smoothbore shotgun with Power-Shok rifled slugs.



FEDERAL PREMIUM BUCKSHOT

Engineered to provide precision and power. Federal Premium Buckshot uses copper-plated pellets to produce more downrange energy. Loads equipped with the FLITECONTROL® wad system deliver the tightest patterns possible.

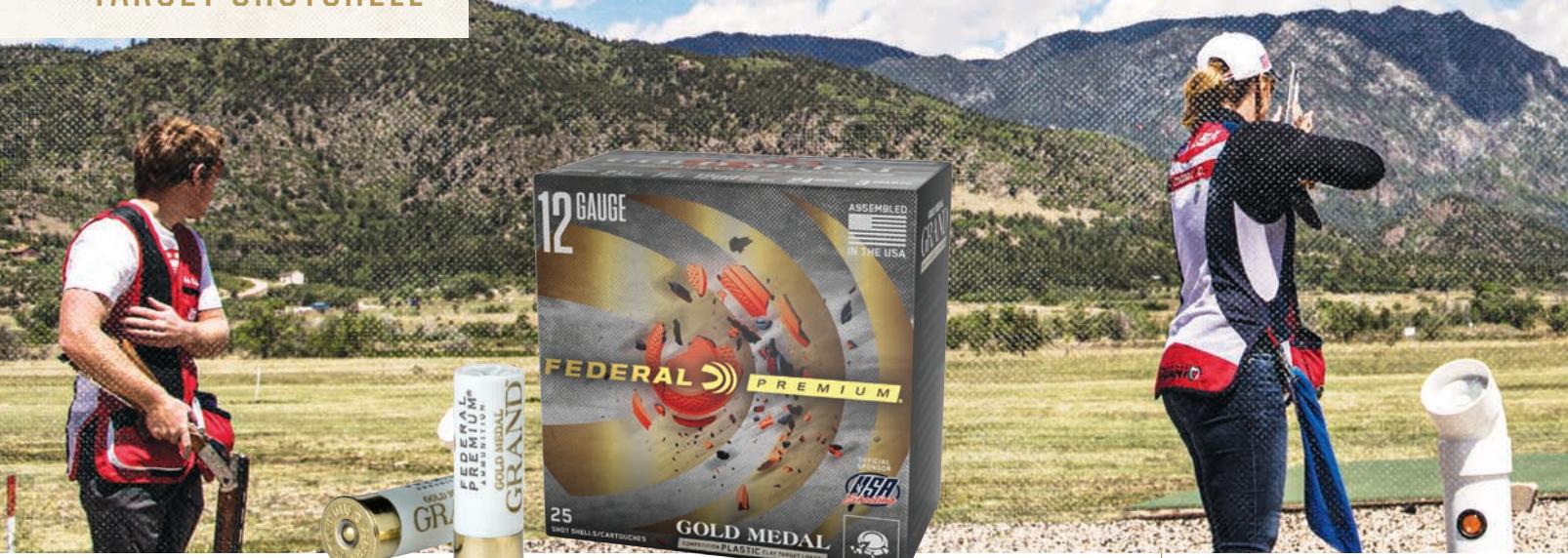
POWER-SHOK BUCKSHOT

Defense. Hunting. Consistency. The Triple Plus® wad system provides better shot alignment and granulated plastic buffer keeps pellets uniform in shape for tight patterns.

An advertisement for Federal shotgun shells. It features a photograph of two hunters in a field. Overlaid text reads "IT'S FEDERAL SEASON" and "YOUR PURCHASE HELPS SAVE HABITAT". Below the photo are logos for Ducks Unlimited, Delta Waterfowl, RMEF, Mule Deer Foundation, NWTF, Pheasants forever, Quail forever, and Ruffed Grouse Society.

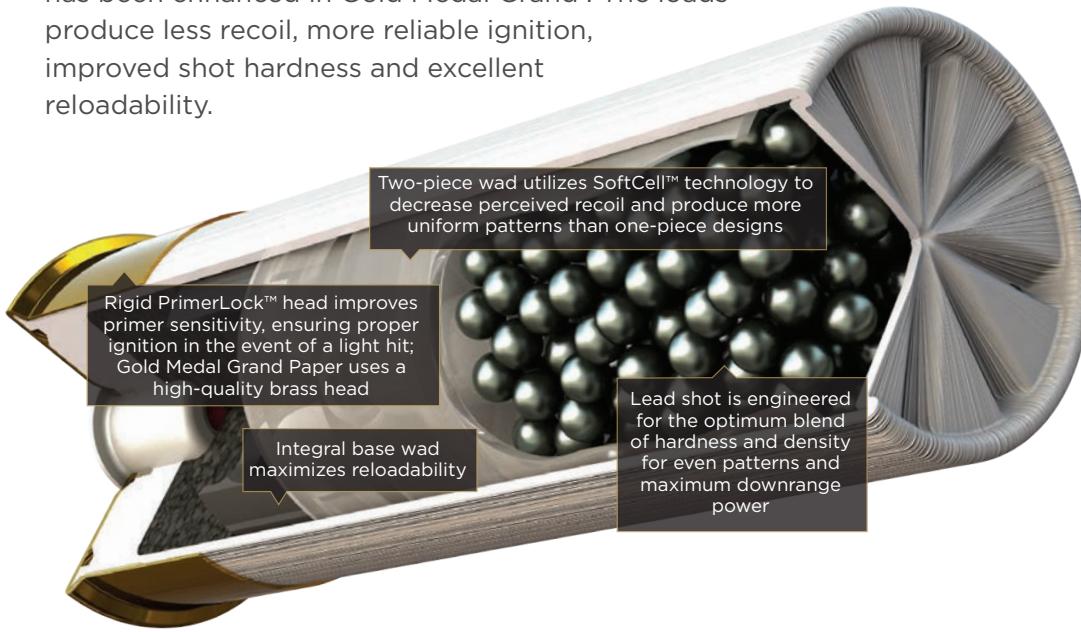
FOR A FULL LIST OF AVAILABLE LOADS
AND BALLISTICS, REFER TO PAGES 65-66.

TARGET SHOTSHELL



GOLD MEDAL GRAND PLASTIC

For decades, Gold Medal® shotshells set the standard for competitive trap, skeet and sporting clays shooters. The industry-leading design has been enhanced in Gold Medal Grand®. The loads produce less recoil, more reliable ignition, improved shot hardness and excellent reloadability.



GOLD MEDAL GRAND PAPER

Combine our classic paper hull and high-quality brass head with an improved design that provides less felt recoil and improved shot hardness.



Shock Absorber

Gold Medal Grand's two-piece wad creates an air pocket that absorbs energy and delays the compression process. The result is recoil that hits the shooter's shoulder later and with less force.



Official Sponsor



Partner Spotlight: USA SHOOTING

When America's best clay target shooters compete on the world stage, they make a simple choice. Gold Medal Grand Paper, only from Federal—the official shotshell ammunition of USA Shooting. Learn more at usashooting.org.



TOP GUN

Even the most challenging targets are no match for Top Gun®. The loads' high-quality lead shot produce even patterns that crush clays.

TOP GUN SPORTING NEW

The same consistent, trusted performance of Top Gun in loads specifically designed for sporting clays. They push their payloads fast to shorten leads, yet reduce felt recoil to allow for quicker follow-up shots. **Now available in a full line of gauges and payloads.**



SHORTY

Great things really do come in small packages. Although just 1 3/4-inch long, Shorty shotshells offer similar patterns, energy and accuracy as full-size counterparts.



FOR A FULL LIST OF AVAILABLE LOADS AND BALLISTICS, REFER TO PAGES 65-66.

IT'S **FEDERAL** SEASON

CONNECT WITH US. WE SHARE YOUR PASSION FOR ALL THINGS SHOOTING.

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