

Hornady 1949-2024

2024 HORNADY® PRODUCT CATALOG

# s we celebrate our 75th anniversary, we're proud to announce our lineup of new and technologically advanced products for 2024.



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APPAREL, ACCESSORIES & REFERENCE

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## New for 2024!

### Ammunition

### V-Match<sup>®</sup> Ammunition: See page 18

- 22 ARC 62 gr. ELD-VT™
- 6mm ARC 80 gr. ELD-VT™
- 6mm Creedmoor 80 gr. ELD-VT™
- 6.5 Grendel 100 gr. ELD-VT™
- 6.5 Creedmoor 100 gr. ELD-VT™

### Custom™ Ammunition: See page 36

338 Lapua Mag 240 gr. CX<sup>™</sup>

### Match™ Ammunition: See page 26

• 22 ARC 88 gr. ELD® Match

#### Hornady BLACK Ammunition: See page 42

- 22 ARC 75 gr. ELD® Match
- 300 Blackout 110 gr. NTX®
- 7.62x39 111 gr. MonoFlex® SBR
- 350 Legend 150 gr. InterLock®
- 5.7x28mm 40 gr. V-Max®

### Critical Defense Ammunition: See page 52

• 5.7x28mm 40 gr. FTX®

### American Gunner® Ammunition: See page 46

• 10mm Auto 155 gr. XTP®

### Handgun Hunter® Ammunition: See page 54

• 45 Auto +P 160 gr. MonoFlex®

### **Bullets**

### Match™ Bullets: See page 72

• 6.5mm .264" 123 gr. BTHP Match™ (6.5 Grendel)

#### ELD-X° Bullets: See page 74

• 22 Cal. .224" 80 gr. ELD-X®

#### Traditional Rifle Bullets: See page 80

• 30 Cal. .308" 150 gr. SP InterLock®

### ELD-VT™ Bullets: See page 66

- 22 Cal. .224" 62 gr. ELD-VT™
- 6mm .243" 80 gr. ELD-VT™
- 6.5mm .264" 100 gr. ELD-VT $^{\text{\tiny M}}$
- 30 Cal. .308" 174 gr. ELD-VT™

### Sub-X° Bullets: See page 86

• 7.62x39mm .3115" 255 gr. Sub-X®

### Reloading

- Click-Adjust Bullet Seating Micrometer: See page 133
- New Dies and Die Sets: See pages 162-169

### Hornady Security®

### Welded Gun Safes: See page 139

- 8-Gun Cabinet
- 10-Gun Cabinet
- 12-Gun Cabinet

### Modular Safes: See page 136

- Mobilis<sup>®</sup> Safe
- Mobilis® Double Door Safe
- Mobilis® Double Door Safe MAX

Square-Lok\* Accessories: See page 149



ornady Manufacturing was born out of one man's vision of a better product for his own use. Joyce Hornady grew up learning to shoot and hunt. After working as a milkman, he moved from Lincoln to Grand Island, NE, to teach marksmanship in a guard training unit at the Cornhusker Army Ammunition Plant during World War II. After the war, he opened a sporting goods store in downtown Grand Island that sold everything from basketballs to hunting and shooting products.

Many shooters and hunters used military surplus ammunition for sport shooting, but it didn't offer the accuracy Joyce wanted. His aspiration was "10 bullets in the same hole." That's why he partnered with Vernon Speer to build a machine that converted spent .22 rimfire cases into bullet jackets and produced bullets from a garage on Fourth Street.



1949

Ultimately, the business relationship between Hornady and Speer faltered, resulting in two independent companies. Vernon Speer moved his portion of the business to Lewiston, Idaho, the current location of Speer Bullets.

Using a surplus bullet assembly press, Joyce Hornady began to produce his own 30 caliber bullet. Since its initial production in 1949, the 30 caliber 150 grain Spire Point bullet remains one of our most popular bullets to this day.





The company moved to its current headquarters location and opened an 8,000-square-foot plant with

40 employees.

A 200-yard underground testing facility was added, creating an environment unaffected by Nebraska's changing weather and eliminating the need to go offsite for testing.

Hornady introduced Frontier® Cartridges, remanufactured ammunition made with military surplus brass.

Hornady diversified into the reloading tool market by acquiring Pacific Tool Co., reinvigorating its product line and developing new offerings.

Joyce's son,

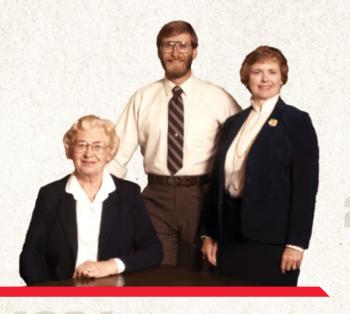
Steve Hornady,

joined the company
full time.



Hornady innovations continued with InterLock,<sup>®</sup> it was designed to keep jacket and core together to retain mass and energy.

The company's founder and visionary, Joyce Hornady, was tragically killed in a plane crash, along with engineer, Edward Heers and customer service manager, Jim Garber.



# 17 HMR

A complete departure from anything the company had done before, the 17 HMR

(Hornady® Magnum Rimfire) cartridge was introduced. It quickly became an industry staple.

Steve Hornady became president and his sister, Margaret Hornady David, became vice president. Along with their mother, Marval, they carried on the legacy of Joyce Hornady.

Hornady began producing cartridge cases for its own line of factory ammunition and for sale as component products for reloaders.

New Dimension Dies were introduced, and Hornady made a larger commitment to the reloading industry.

Designed to consistently expand and penetrate at varying velocities, the XTP®

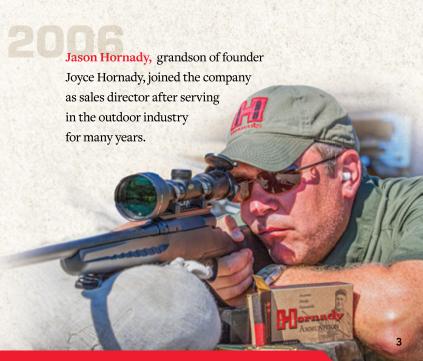
(Extreme Terminal

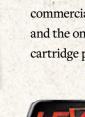
Performance) pistol bullet debuted in 1990 and continues to achieve deep, terminal penetration for hunting, self-defense and law enforcement applications.



Hornady introduced the 204 Ruger, the second-highest velocity commercially produced ammunition and the only 20 caliber centerfire cartridge produced commercially.

LEVERevolution® brought higher BCs to lever guns thanks to the new Flex Tip.® The patented elastomer tip made a pointed bullet safe to use in guns with tubular magazines, while enabling immediate and reliable bullet expansion across a wide range of velocities.





2008

Hornady introduced the world to the 6.5 Creedmoor, which is now one of the most popular cartridges in the world.



Zombie Max<sup>™</sup> ammunition debuted, preparing shooters just in case of a Zombie Apocalypse.



Critical Defense® was introduced to deliver threat-stopping power in low-light, personal-defense situations.

In order to keep up with consumer demand,

Hornady underwent a plant expansion that ultimately added 58,000 square feet of manufacturing, distribution and office space to the main Grand Island location.

With the reloading

With the growth of our tool offerings, reloading tools production was moved to a 110,000-square-foot facility in Alda, Nebraska.



was introduced, providing superior barrier penetration for full-size handguns.





Hornady Security® was born with the first RAPiD® Safe, which featured RFID technology for touch-free, quick access to your handgun.





Hornady purchased

SnapSafe,® which offered
a complete array of
innovative modular safes,
vault doors, lock boxes and
safe accessories.

2015

American Gunner® ammunition debuted, offering tried-and-true, versatile loads that were popular for target shooting, hunting and self-defense.



The FBI awarded Hornady a contract for Critical Duty® ammunition after its consistent performance in handgun ammunition tests.



Hornady introduced the revolutionary Ballistics
Calculator with 4DOF®

(4 Degrees of Freedom), which provides

trajectory solutions based on projectile drag coefficient, not ballistic coefficient.



#### ELD-X® and ELD® Match bullets

introduced the new

Heat Shield® Tip, which

resists aerodynamic heating to deliver





2018

As business continued to increase, the Hornady West facility opened six miles west of Hornady headquarters. The project provided 155,000 square feet of space for all ammunition manufacturing, as well as testing, packaging and distribution operations.

Hornady revolutionized the match shooting world with A-Tip® Match, a long-range bullet featuring a precision-machined

aluminum tip.





The new 7mm Precision Rifle
Cartridge delivers results from
the treestand to the mountain
top. This high performance,
modern 7mm cartridge utilizes
long, heavy for caliber bullets in a
standard long action.





### A message from Steve and Jason Hornady:

"10 bullets through one hole." 75 years ago, Joyce Hornady embarked on an exhaustive journey founded on this belief, convinced that he could design and manufacture a better product for the handloader. While there were skeptics, the spirit of innovation, hard work, and determination helped make Hornady a name synonymous with that original philosophy.

Still family-owned and American-made - 75 years strong! We hope you enjoyed the first few pages of the 2024 catalog. As you can see, we've been incredibly busy the last 75 years and we don't plan on stopping anytime soon. In fact, we have a comprehensive lineup of 2024 new products to introduce to you.

The new **22 ARC** (Advanced Rifle Cartridge) is an exciting and innovative cartridge that provides exceptional performance. Rivaling the 22-250, it's elegantly packed into a compact and versatile cartridge that fits into an AR-15.

We often say, "The bullet makes the H." Our foundation was built on bullets, so we do everything we can to remain innovative in that regard. The new **ELD-VT**" bullets are the culmination of years of ballistic research. This dual-purpose bullet redefines varmint hunting and competition shooting by pairing the aerodynamics of low-drag match bullets with the lighter weight of varmint bullets.

Loaded with the new ELD-VT™ bullets is Hornady **V-Match**\* **ammunition.** By utilizing the highest quality components, loaded to exacting specifications, the V-Match line of ammunition provides match-grade accuracy for extended range varmint hunting or competition shooting.

Our Security line has expanded as well. Available in three sizes, the new *Mobilis*° *Safes* offer an innovative modular design that ensures you get the security you need without the complexities of traditional welded safes. You'll also find new accessories that incorporate the space-maximizing Square-Lok® organizational system.

As we celebrate our 75th Anniversary, we thank you, our customers. Many of our most successful products were born from customer requests and suggestions and we especially love hearing about your hunting and shooting experiences. Thank you for believing in us, motivating us, and inspiring us! Here's to 2024 and beyond.



#### 75th Anniversary Bullets

Limited edition commemorative bullets pay homage to the first bullet and packaging Hornady® manufactured.

75 years. Three generations. One family.

Steve Hornady

Jason Hornady

### 2024 NEW PRODUCT HIGHLIGHTS



Innovation, precision and excitement! Elevate your varmint shooting experience, shatter records, and make your mark like never before with Hornady® V-Match® ammunition.

### ELD-VT\*\*

EXTREMELY LOW DRAG VARMINT | TARGET

- Dual-purpose for competition or longrange varmint hunts.
- Combines the low-drag aerodynamics of a match bullet with the lighter weight of a varmint bullet.
- Patented Heat Shield® tip combats aerodynamic heating for ballistic consistency across the entire trajectory.
- Delivers rapid, dramatic fragmentation.
- AMP® bullet jacket for optimum concentricity and accuracy.



See page 66



The 22 ARC rivals the exceptional power and performance of the 22-250 cartridge, all elegantly packed into the

compact and versatile AR-15 platform.

See pages 18, 26 & 42

### Introducing 5.7x28mm

Using carefully selected components that ensure reliable cycling and optimized propellants that burn quickly to reduce recoil and limit muzzle flash, the new 5.7x28mm features a 40 gr. FTX® bullet in Critical Defense® and a 40 gr. V-MAX® in Hornady BLACK.®



See pages 42 & 52



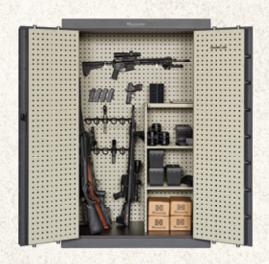
# MOBILIS SAFES



Discover the ultimate solution for safeguarding your valuable firearms, ammo and gear with the revolutionary Hornady Security® Mobilis® Safes.

### Available in 3 sizes

See page 136



### Click-Adjust Bullet Seating Micrometer

Precisely set bullet seating depth, just like dialing a scope turret, in click adjust .001" increments. It's a quick and easy way to achieve benchrest accuracy and consistency without the extra cost of another seating die.

See page 133



### HIT® Target Impact Indicator

You get that steel target in your sights. You squeeze the trigger and — BAM! — you hit it! Or did you? The HIT® Impact Indicator means never guessing again. Attach it to a target stand and it easily distinguishes impacts by blinking "H-I-T" in Morse code. Being on target is just six dots and a dash away.

See page 161





### HUNTING

### **Outfitter®**



#### Adventure awaits!

Featuring corrosion resistant nickel-plated cases that are sealed watertight and topped with the accurate and rugged  $CX^{\mathbb{M}}$  bullet, Outfitter® ammunition is designed to perform under the toughest conditions.

### RIFLE BULLETS LOADED:

CX™

### **Precision Hunter®**



### Never compromise at any distance!

Precision Hunter® is the ideal load for any hunting situation because of its effective terminal performance at all practical ranges. Great care has been given to develop superior, match-accurate hunting loads that allow the ELD-X® bullet to achieve its maximum ballistic potential.

#### RIFLE BULLETS LOADED:

**ELD-X®** 

### Superformance®



### It IS rocket science!®

Superformance® ammunition uses progressive propellants that deliver performance that's simply unattainable from conventional ammunition. Increase your rifle's performance up to 200 fps without extra chamber pressure, recoil, muzzle blast, temperature sensitivity, fouling, or loss of accuracy.

### RIFLE BULLETS LOADED:

CX™ | INTERLOCK® | SST®

### SHOTGUN:

12 GA 300 GR MONOFLEX® 23/4"

### American Whitetail®



### Make it a knock-down, drag-out hunt!®

Loaded with our legendary Hornady® InterLock® bullets in weights that have been deer hunting favorites for decades, American Whitetail® ammunition combines generations of ballistics know-how with modern components.

### RIFLE BULLETS LOADED:

INTERLOCK®

#### SHOTGUN:

12 GA 325 GR INTERLOCK\* 2¾"
12 GA RIFLED SLUG 2¾"

### **LEVERevolution®**



### The tip of performance for lever guns and revolvers.

LEVERevolution® represents a breakthrough in ammunition design for lever action rifles and revolvers. The key to its innovation and performance is the Flex Tip® technology of the FTX® and MonoFlex® bullets. Safe to use in tubular magazines, these bullets deliver flatter trajectories for increased down range performance.

### RIFLE BULLETS LOADED:

MONOFLEX® | FTX®

### **HANDGUN** BULLETS LOADED:

FTX®

### Dangerous Game<sup>™</sup> Series



#### Fear no evil.

From the African savannas to the Asian jungles, Dangerous Game™ Series ammunition is loaded with only the finest components, under strict quality control measures. Our classic bullet designs are tailored to meet the needs of the serious safari hunter.

#### RIFLE BULLETS LOADED:

DGS® | DGX® BONDED | INTERLOCK®

### Subsonic



#### The sound of silence.

Hornady® Subsonic Ammunition — designed for accuracy and performance below the speed of sound. Handgun loads utilize tried-and-true XTP® bullets that expand reliably at subsonic velocities and the Sub-X® bullet used in rifle loads feature a lead core and Flex Tip® technology to aid in expansion, even at low velocities.

#### RIFLE BULLETS LOADED:

SUB-X®

### **HANDGUN** BULLETS LOADED:

XTP®

### V-Match®



#### Varmints shudder. Records shatter.

Whether you're outwitting varmints or taking aim in competition, make V-Match® your ammunition of choice. This dual-purpose ammunition for long range varmint and target shooting combines the exceptional aerodynamics of ELD-VT bullets with high-quality components for match-grade accuracy and violent expansion.

#### RIFLE BULLETS LOADED:

**ELD-VT™** 

### Varmint Express®



### Tack-driving accuracy.

Hornady® Varmint Express® ammunition is designed around the hard-hitting performance of our famous V-MAX® bullet. Polymer tipped V-MAX® bullets deliver match accuracy, high ballistic coefficients, wind defying trajectories, and rapid fragmentation upon impact. Available in centerfire and high-speed rimfire loads.

### RIFLE BULLETS LOADED:

NTX\* | V-MAX\* | XTP\*

SHOTGUN:

12 GA #4 BUCKSHOT 2¾"

## Superformance® Varmint



### Fuel your varmint rifle!

Superformance® Varmint ammunition delivers muzzle velocity increases of 100 to 200 feet per second from EVERY gun. Its tack-driving accuracy, increased range, flatter trajectory, less wind drift and devastating terminal performance will send varmints packing.

### RIFLE BULLETS LOADED:

NTX® | V-MAX®

### **Custom Lite®**



### Keep recoil to a minimum.

Hornady® Custom Lite® ammunition provides reduced recoil and muzzle blast from the most popular calibers, and puts the fun back into shooting for those looking to keep recoil to a minimum while still enjoying their favorite rifle.

### RIFLE BULLETS LOADED:

SST®

#### SHOTGUN:

20 GA FTX\* SLUG 2¾"
12 GA FTX\* SLUG 2¾"

### Handgun Hunter®



### Power and performance for today's handgun hunter.

Hornady® Handgun Hunter® ammunition is built around a bullet as rough and rugged as the conditions and game demand. The MonoFlex® handgun projectile is manufactured with a tough copper alloy that achieves deep penetration and 95% weight retention.

### HANDGUN BULLETS LOADED:

**MONOFLEX®** 

### **Custom**<sup>™</sup>



### Innovation since 1949.

Shooters looking for supreme accuracy and maximum knock-down power turn to Hornady® Custom™ ammunition. Loaded with a variety of Hornady® bullets for rifle and pistol, the excellent terminal performance of Hornady® Custom™ ammunition makes it the preferred choice for hunters, competitive shooters and plinkers.

#### RIFLE BULLETS LOADED:

CX™ | FTX® | INTERLOCK® | SST® | V-MAX®

#### HANDGUN BULLETS LOADED:

COWBOY | FTX\* | XTP\* | XTP\* MAG



### TARGET

### **Match®**



### The difference between competing and dominating.

Every component of our Match™ ammunition is loaded to stringent specifications that provide precision, uniformity and repeatable performance.

#### RIFLE BULLETS LOADED:

A-MAX® | BTHP MATCH™ | ELD® MATCH

### Vintage Match™

### Exceptional accuracy for classic service rifles.

Vintage Match™ offers exceptional accuracy for classic service rifles such as the M1 Garand, Mauser or any other rifles chambered for these storied cartridges.

#### RIFLE BULLETS LOADED:

BTHP MATCH™ | ELD® MATCH

### Superformance® Match™



### Supercharge your match rifle!

Highpower competitors, as well as law enforcement and military shooters and snipers, benefit from the Superformance® Match™ advantages – higher muzzle velocity, phenomenal accuracy, increased range and reduced wind drift.

### RIFLE BULLETS LOADED:

BTHP MATCH™ | ELD® MATCH

### Frontier®



#### American made and built on tradition.

American made and built on tradition, Frontier® cartridges feature Hornady® bullets and are available in 223 Rem, 5.56 NATO, 300 Blackout and 6.5 Grendel. Applications range from plinking, target shooting and hunting to law enforcement training and self-defense.

#### RIFLE BULLETS LOADED:

BTHP MATCH™ | FMJ

### Hornady BLACK®



### America's gun runs on Hornady BLACK.®

Hornady BLACK® ammunition features versatile loads optimized for excellent performance from America's favorite guns. Loaded with legendary Hornady® bullets, Hornady BLACK® ammunition is designed to fit, feed and function in a variety of platforms.

#### RIFLE BULLETS LOADED:

A-MAX° | BTHP MATCH™ | ELD° MATCH | FMJ FTX° | INTERLOCK° | MONOFLEX° | NTX° SST° | V-MAX°

#### SHOTGUN:

12 GA 00 BUCKSHOT 2¾"

### American Gunner®



### Life. Liberty. Hornady.®

Available in rifle, handgun, and shotgun, the American Gunner® line of ammunition represents a collection of triedand-true, versatile loads that are popular with shooters for their target shooting, hunting or self-defense needs.

#### RIFLE BULLETS LOADED:

BTHP MATCH | HP MATCH

#### **HANDGUN BULLETS LOADED:**

**XTP**®

#### SHOTGUN:

12 GA RIFLED SLUG 2%" 12 GA 00 BUCKSHOT 2%"

### SHOTGUN

### Heavy Magnum<sup>®</sup> Shotgun



### Silence the song dog.

Hornady® Heavy Magnum® Coyote delivers lethal results and minimal pelt damage out to 50 yards. Loaded with 1½ ounces of nickel plated lead shot in your choice of BB or 00 buckshot, these 3 inch, 12 gauge shotshells are the perfect answer for close range predators.

### SHOTGUN:

12 GA BB 3" 12 GA 00 BUCKSHOT 3"

### DEFENSE

### **Critical Defense®**



### When lives are on the line, only the best will do.

Critical Defense® is engineered to deliver the pinnacle of threat-stopping power using a patented Flex Tip® bullet that aids expansion and eliminates clogging when passing through clothing. Nickel-plated cases increase visibility in low light situations and low-flash propellants won't disrupt night vision.

### RIFLE BULLETS LOADED:

FTX®

### HANDGUN BULLETS LOADED:

FTX®

#### SHOTGUN:

410 TRIPLE DEFENSE 12 GA 00 BUCKSHOT 2¾"

### **Critical Duty®**



### Barrier blind performance.

Designed to meet the needs of those who demand superior barrier penetration and prefer a full-size handgun for their personal protection. Critical Duty® is loaded with the tough Hornady® FlexLock® bullet that delivers barrier blind performance when shot through common urban barriers.

### HANDGUN BULLETS LOADED:

**FLEXLOCK®** 

### SST® Shotgun Slugs



### A favorite for years!

Hornady® SST® Shotgun Slugs feature patented Flex Tip® technology. Take the proven performance of our superaccurate patented bullet and transform your favorite rifled barrel slug gun into a firearm that outperforms some centerfire rifles. In both 12 gauge and 20 gauge cartridges, Hornady® SST® Shotgun Slugs deliver sub-2" groups at 100 yards and feature the flattest trajectory on the market.

### SHOTGUN:

20 GA 250 GR SST® SLUG 2¾" 12 GA 300 GR SST\* SLUG 2¾"

### MUZZLELOADING

### **Bore Driver®**

### Maximize your range.

FTX® and ELD-X® bullets incorporate an InterLock® ring that helps retain bullet weight upon impact, delivering deep penetration and expansion for the ultimate in on-game lethality.

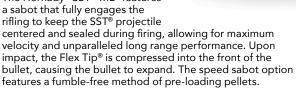


#### **MUZZLELOADING PROJECTILES:**

ELD-X® | FTX®

### An excellent choice for long range blackpowder hunters.

The Hornady® SST®-ML™ features a sabot that fully engages the rifling to keep the SST® projectile centered and sealed during firing, allowing for maximum velocity and unparalleled long range performance. Upon impact, the Flex Tip® is compressed into the front of the features a fumble-free method of pre-loading pellets.



#### **MUZZLELOADING PROJECTILES:**

SST®-ML

### MonoFlex® ML"

### High Speed/Low Drag Sabot.

Specifically engineered to provide phenomenal accuracy, penetration and high weight retention, the MonoFlex® ML™ is a nontraditional / alternative metal construction projectile that is a fantastic choice for ALL hunters.



### **MUZZLELOADING PROJECTILES:**

MONOFLEX® ML

### XTP® Muzzleloading

#### A huge boost in performance.

Effective in both traditional and modern muzzleloading rifles, these green saboted projectiles use the XTP® bullet which is specifically designed for deep penetration and proper expansion at all practical muzzleloading velocities.

### **MUZZLELOADING PROJECTILES:**

XTP®

11





### A-Tip® Match

- » Patented precision-machined aluminum tip design delivers tighter groups and reduced drag variability.
- » Doppler radar verified low drag coefficient (high BC) bullets are forgiving of twist rate, seating depth and muzzle velocity.
- » AMP® bullet jacket offers uniformity and concentricity.
- » Sequentially packaged right off the press one after another, minimizes handling throughout the manufacturing process, ensuring the ultimate in consistent performance.
- » Available in boxes of 100 or cases of 1000 consecutive bullets.

**IDEAL PERFORMANCE ENVELOPE:** 

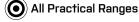




### **ELD® Match**

- » Patented Heat Shield® tip forms the perfect meplat.
- » Combats aerodynamic heating and retains its shape.
- » Highest in class Doppler radar verified BCs.
- » AMP® jacket design for optimum concentricity and accuracy.
- » Most popular Hornady® match bullet.

**IDEAL PERFORMANCE ENVELOPE:** 



**FACTORY LOADED AMMUNITION:** 



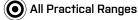
**MATCH** 

Vintage Match



- » Boattail hollow point match bullet designed specifically for competitive shooting.
- » AMP® jacket design for the ultimate in concentricity and uniformity.
- » Precisely balanced, uniform swaged lead cores.
- » Ballistically efficient secant ogive profile.
- » Most economical match bullet in the industry.

**IDEAL PERFORMANCE ENVELOPE:** 



**FACTORY LOADED AMMUNITION:** 



Vintage Match<sup>™</sup> **MATCH** 

BLACK Custom FE FRONTIER

### **ELD-X®**

- Match accurate ALL-RANGE hunting bullet with highest in class Doppler radar verified BCs.
- » Patented Heat Shield® tip forms the perfect meplat.
- Combats aerodynamic heating and retains its shape.
- » Controlled expansion and optimum weight retention delivers highly effective terminal performance at all practical ranges.

**IDEAL PERFORMANCE ENVELOPE:** 

■ 1800-2800fps (💜)



🛩 Oyds-Extended Range

**FACTORY LOADED AMMUNITION:** 

**PRECISION** HUNTER.



- » Super Shock Tip™ delivers tremendous energy transfer on impact.
- » Produces large wound channel.
- » Outstanding whitetail bullet.
- » InterLock® ring locks core and jacket together.
- » Inner grooves ensure consistent, controlled expansion.

**IDEAL PERFORMANCE ENVELOPE:** 

∍► 2000-2800fps (😭)



FACTORY LOADED AMMUNITION:

SUPERFORMANCE. CUSTOM BLACK CUSTOM Lite

SST Shotgun Slugs



### InterLock®

- » Aerodynamic secant ogive delivers flat trajectories and great accuracy.
- » Tapered jacket for deep penetration and controlled expansion.
- » InterLock® ring locks core and jacket together.
- » Lead alloy core.
- » Inner grooves ensure consistent, controlled expansion.

**IDEAL PERFORMANCE ENVELOPE:** 





FACTORY LOADED AMMUNITION:





Velocity for **Optimal Expansion** 



Varmint





- » Monolithic copper alloy bullet retains 95% of its weight.
- » Patented Heat Shield® tip forms the perfect meplat.
- » Combats aerodynamic heating and retains its shape.
- » Doppler radar verified BCs.
- » Dependable terminal performance across a wide range of velocities.
- » Groove geometry maximizes aerodynamic performance.
- » California Compatible.

#### **IDEAL PERFORMANCE ENVELOPE:**





O<sub>vds</sub>-Extended Range

FACTORY LOADED AMMUNITION

### **OUTFITTER** SUPERFORMANCE.

### Custom<sup>®</sup>

### MonoFlex®

- » Monolithic copper alloy bullet retains 95% of its weight.
- » Patented Flex Tip® design is safe to use in tubular magazines.
- » California compatible.
- » Maximizes accuracy in lever gun cartridges.

#### **IDEAL PERFORMANCE ENVELOPE:**

■ 1600-2300fps ( 0-300yds



FACTORY LOADED AMMUNITION:





SUPERFORMANCE® SHOTGUN SLUGS

### FTX® Rifle

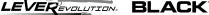
- » Patented Flex Tip® design is safe to use in tubular magazines.
- Featured in LEVERevolution® ammunition.
- » Rapid, controlled expansion with deep penetration.
- » Maximizes accuracy in lever gun cartridges.

#### **IDEAL PERFORMANCE ENVELOPE:**

∍ 1400-2200<sub>fps</sub>







Custom™ CUSTOM*Lite*®







**Dangerous Game** 



Target/Match Personal Defense



### **DGX®** Bonded

- » Dangerous Game eXpanding bullet designed and built for the toughest game in the world.
- » Copper-clad steel jacket is bonded to lead core for ultimate reliability.
- » Deep penetration with highly controlled expansion up to 1.5x to 2x bullet diameter.
- » Exposed lead and flat profile with serrations aid in expansion while creating a large wound channel.

#### **IDEAL PERFORMANCE ENVELOPE:**



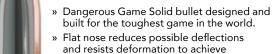


0-200<sub>yds</sub>

FACTORY LOADED AMMUNITION:



### 



- straight, deep penetration. » The heavy copper-clad steel jacket and high antimony lead core penetrate deeply
- through hide, muscle and bone.

### **IDEAL PERFORMANCE ENVELOPE:**





0-200<sub>yds</sub>

FACTORY LOADED AMMUNITION



### Sub-X®



- » Patented Flex Tip® technology aids in expansion down to 900 fps.
- » InterLock® ring keeps jacket and core together during expansion.
- » Cannelured jacket aids in use for tubular magazines and semi-autos.

#### **IDEAL PERFORMANCE ENVELOPE:**





FACTORY LOADED AMMUNITION:







### **ELD-VT**™

- » Dual-purpose for competition or long-range varmint hunts
- Combines low-drag aerodynamics with lighter weights to increase velocity
- » Patented Heat Shield® tip combats aerodynamic heating for ballistic consistency across the entire trajectory
- » Delivers rapid, dramatic fragmentation
- » AMP® bullet jacket for optimum concentricity and accuracy

#### **IDEAL PERFORMANCE ENVELOPE:**





FACTORY LOADED AMMUNITION:

V-MATCH



### **FMJ Rifle**

- » Traditional lead alloy core bullet.
- » Aerodynamic secant ogive delivers flat trajectories and great accuracy.
- » Minimal pelt damage.

#### **IDEAL PERFORMANCE ENVELOPE:**



BLACK FE FRONTIER



**Custom**<sup>™</sup>

# V-MAX®

- » Small game match accurate bullet choice.
- » AMP® jacket design for enhanced accuracy.
- » Rapid, explosive expansion, even at low velocities.
- » Most popular varmint bullet in the world.

#### **IDEAL PERFORMANCE ENVELOPE:**

**3000-4000** 3000 €



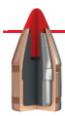
FACTORY LOADED AMMUNITION:

VARMINT EXPRESS

SUPERFORMANCE. VARMINT

BLACK

Custom™



### FTX® Handgun

- » Patented Flex Tip® technology ensures safe use in all tubular magazines.
- » Rapid, controlled expansion with deep penetration.
- » InterLock® ring locks core and jacket together.

#### **IDEAL PERFORMANCE ENVELOPE:**

**■** 600-1500fps ( ■



(🕪) O-50yds

FACTORY LOADED AMMUNITION

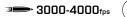
LEVEREVOLUTION



### **NTX**®

- » Polymer tip and streamlined design for ultra flat trajectories.
- » Lead-free core that is California compatible.
- » Dependably accurate.

#### **IDEAL PERFORMANCE ENVELOPE:**





FACTORY LOADED AMMUNITION:

VARMINT SUPERFORMANCE.
EXPRESS VARMINT

BLACK



### FMJ Handgun

- » Traditional lead alloy core bullet.
- » Rugged bullet jacket.
- Carefully designed and manufactured to give superior functioning in semi-automatic handguns.
- » Delivers match-grade accuracy.

#### **IDEAL PERFORMANCE ENVELOPE:**







🔳 ) 0-100yds



Velocity for **Optimal Expansion** 



Varmint



Large Game







**Dangerous Game** 

Target/Match Personal Defense



### XTP<sup>®</sup>/XTP<sup>®</sup> Mag

- » Personal defense and medium game bullet choice.
- Controlled expansion to 1.5x its original diameter.
- » Deep penetration at high velocities.
- » Unique drawn tapered jacket.
- » Most popular Hornady® pistol bullet.

#### **IDEAL PERFORMANCE ENVELOPE:**















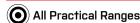




### **HAP®**

- Competition-specific design, with a sleek profile for unmatched performance.
- Copper jacket protects the nose and ensures smooth feeding every time.
- Cold swaged core of pure lead delivers consistency, balance, flight stability, and pinpoint accuracy.

#### **IDEAL PERFORMANCE ENVELOPE:**

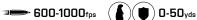




### Frontier® Lead

- » Traditional conical and flat designs achieve perfect symmetry when combined with knurling on the bearing surface of the cold swaged bullet, delivering increased stability and accuracy.
- » Our exclusive knurling system retains an even distribution of lubricating wax over the entire bearing surface of the Cowboy bullet, resulting in less leading in the barrel.

#### **IDEAL PERFORMANCE ENVELOPE:**





FACTORY LOADED AMMUNITION:

**Custom**<sup>™</sup>

### **BULLETS LOADED IN** HORNADY®AMMUNITION

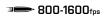
(Not available as component bullets)



### MonoFlex® Handgun

- Superior copper alloy performance retains 95% of its weight for deep penetration.
- » A unique elastomer material is added to the bullet's open cavity, causing the bullet to expand quicker than a standard hollow point.
- » California compatible.

#### **IDEAL PERFORMANCE ENVELOPE:**





#### IANDGUN HUNTER



### FTX® (Critical Defense®)

- Patented FlexTip® design resists clogging when fired through thick and heavy clothing.
- Provides consistent and reliable expansion and performance.
- Limited penetration for home and self defense applications.

### **IDEAL PERFORMANCE ENVELOPE:**

Handgun: 600-1500fps Rifle: 1400-2200fps **FACTORY LOADED AMMUNITION:** 

**CRITICAL DEFENSE.** 



### FlexLock®

- » Personal protection for full-sized handguns.
- » No-clog, patented Flex Tip® design.
- » High-antimony lead core and InterLock® band for controlled expansion and unparalleled terminal performance through all FBI test barriers.
- » Cannelure ensures consistent crimp location and no bullet setback during feeding.

#### **IDEAL PERFORMANCE ENVELOPE:**





**FACTORY LOADED AMMUNITION:** 







The most important part of a loaded cartridge is the bullet. Used by handloaders around the world, Hornady bullets are legendary because of their dependability and performance.

### **BRASS**

Most Hornady ammunition is loaded in Hornady manufactured cases. We carefully manufacture our brass cases for reliable feeding, corrosion resistance, proper hardness and the ability to withstand maximum chamber pressures. We measure for consistently tight wall concentricity and even run our cases through a pressure calibration test to ensure uniform case expansion during firing. Thanks to this kind of manufacturing care, Hornady cases will ensure proper seating of the bullet, both in the case and in the chamber and ultimately yields optimal velocity, repeatable accuracy and numerous reloads.





### **POWDER**

The powder in each cartridge is specifically chosen, based on performance, pressure, velocity and accuracy. We use only the highest quality powders on the market. Each new lot of powder we use is double-checked for consistency. Our continued testing and research guarantees the optimum powder choices for lower extreme spread and standard deviation.



Primers are selected for proven ability to work efficiently. They are carefully matched to each load and chosen for their ability to quickly and consistently ignite the entire powder charge.



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### Records Shatter, Varmints Shudder!

#### **NEW ELD-VT™ BULLET**

Designed using state-of-the-art technology, the ELD-VT™ bullet boasts high velocity retention, minimal wind deflection, and reduced weight to length ratio for ultraflat trajectories and rapid expansion. Whether you're seeking to outwit varmints or aiming for victory on the competition range, this bullet's design will provide the ultimate in precision and performance.

### **PREMIUM COMPONENTS**

Every round uses the highest quality components that are meticulously loaded to exacting specifications, resulting in match-grade accuracy that's second to none.

#### MODERN, CLEAN BURNING PROPELLANTS

Carefully chosen for their consistency no matter the temperature, you can shoot with confidence, knowing that every trigger pull will be met with the same exceptional performance, whether you're competing in the heat of summer or varmint hunting in the chill of winter.





CARTRIDGE		BULLET	ITEM	СТ
22 ARC	NEW	62 gr. ELD-VT™	81542	20
6mm ARC	NEW	80 gr. ELD-VT™	81603	20
6mm Creedmoor	NEW	80 gr. ELD-VT™	81397	20
6.5 Grendel	NEW	100 gr. ELD-VT™	81521	20
6.5 Creedmoor	NEW	100 gr. ELD-VT™	81504	20

See pages 170-179 for ballistics information.



Whether you've got a coyote or a steel target in your sights, the new 22 ARC delivers big performance in a small package. Rivaling the 22-250, this compact and versatile cartridge fits neatly into your AR-15, providing unparalleled performance.



- Consistent accuracy, outstanding velocity spreads, and an outstanding shooting experience.
- Designed with a maximum overall length of 2.260".
- Designed using the same proven methodology as the highly acclaimed 6mm ARC.
- Loaded in V-Match,® Black®, and Match™ Ammunition.



### **LOADED WITH:**









### Adventure awaits.

### TOPPED WITH CX™ BULLET

The  $CX^{\mathbb{M}}$  (Copper alloy eXpanding) bullet is the most advanced monolithic hunting bullet on the market. This highly accurate bullet provides uniform, controlled expansion and retains more weight for deeper penetration — even through bone.

### **SEALED PRIMER AND CASE MOUTH**

Wind, rain, or snow this ammunition is at home in all kinds of weather. With its watertight protection and nickel-plated cases, Outfitter® is ideal for the toughest conditions.

### **VERSATILE PERFORMANCE**

California compatible and appropriate for other areas requiring nontraditional bullets.



# **OUTFITTER**

AMMUNITION

CARTRIDGE	BULLET	ITEM	СТ
243 Win	80 gr. CX <sup>™</sup>	804574	20
257 Wby Mag	90 gr. CX™	813624	20
6.5 Creedmoor	120 gr. CX™	814874	20
6.5 PRC	130 gr. CX™	81622	20
270 Win	130 gr. CX <sup>™</sup>	805294	20
270 WSM	130 gr. CX™	805574	20
7mm Rem Mag	150 gr. CX™	806114	20
7mm WSM	150 gr. CX™	805514	20
7mm PRC	160 gr. CX™	80713	20
308 Win	150 gr. CX™	80982	20
308 Win	165 gr. CX™	809864	20
30-06 Sprg	150 gr. CX™	81108	20
30-06 Sprg	180 gr. CX™	811644	20
300 WSM	180 gr. CX™	822034	20
300 Win Mag	180 gr. CX™	821974	20
300 Wby Mag	180 gr. CX™	822124	20
300 PRC	190 gr. CX™	82164	20
300 Rem Ultra Mag	180 gr. CX™	82084	20
338 Win Mag	225 gr. CX <sup>™</sup>	823394	20
375 Ruger	250 gr. CX™	823374	20
375 H&H Mag	250 gr. CX™	823314	20
See pages 170-179 for ballistics information.		COMP	FORNIA PATIBLE

















### Never compromise at any distance.

#### **BEST-IN-CLASS BCs**

Verified by Doppler radar, the Heat Shield® tip resists the effects of aerodynamic heating and retains its shape to maintain the highest-in-class BC over its entire trajectory.

#### MATCH-ACCURATE HUNTING AMMUNITION

Streamlined secant ogive with optimum boattail design, highly concentric AMP bullet jackets and Heat Shield tip combine for radically superior aerodynamic efficiency.

### **DEVASTATING CONVENTIONAL RANGE PERFORMANCE**

With high velocity, 0-400 yard impact, the bullet continually expands throughout its penetration path. The thick shank of the jacket and high InterLock® ring work to keep the core and jacket together providing 50-60% weight retention.

### **BEST EXTENDED RANGE TERMINAL PERFORMANCE AVAILABLE**

Upon low velocity, 400+ yard impacts, the Heat Shield® tip drives backward into the bullet to initiate expansion. Exhibiting controlled expansion with a large mushroom and 85-90% retained weight, the bullet provides deep penetration and large cavities.



# PRECISION HUNTER.

CARTRIDGE	DULLET	ITEM	СТ
CARTRIDGE	BULLET	ITEM	СТ
6mm ARC	103 gr. ELD-X®	81602	20
243 Win	90 gr. ELD-X®	80462	20
6mm Creedmoor	103 gr. ELD-X®	81392	20
25-06 Rem	110 gr. ELD-X®	8143	20
257 Wby Mag	110 gr. ELD-X®	81364	20
6.5 Creedmoor	143 gr. ELD-X®	81499	20
6.5 PRC	143 gr. ELD-X®	81621	20
270 Win	145 gr. ELD-X®	80536	20
270 WSM	145 gr. ELD-X®	80558	20
7mm-08 Rem	150 gr. ELD-X®	85578	20
280 Rem	150 gr. ELD-X®	81587	20
280 Ackley Improved	162 gr. ELD-X®	85586	20
7mm Rem Mag	162 gr. ELD-X®	80636	20
7mm WSM	162 gr. ELD-X®	80552	20
7mm PRC	175 gr. ELD-X®	80712	20
28 Nosler	162 gr. ELD-X®	8069	20
7mm STW	162 gr. ELD-X®	80851	20
308 Win	178 gr. ELD-X®	80994	20
30-06 Sprg	178 gr. ELD-X®	81174	20
300 Rem SA Ultra Mag	178 gr. ELD-X®	82144	20
300 RCM	178 gr. ELD-X®	82224	20
300 WSM	200 gr. ELD-X®	82208	20
300 Win Mag	178 gr. ELD-X®	82041	20
300 Win Mag	200 gr. ELD-X®	82002	20
300 Wby Mag	200 gr. ELD-X®	82213	20
300 PRC	212 gr. ELD-X®	82166	20
300 Rem Ultra Mag	220 gr. ELD-X®	8209	20
30-378 Wby Mag	220 gr. ELD-X®	82214	20
338 Win Mag	230 gr. ELD-X®	82222	20
338 Lapua Mag	270 gr. ELD-X®	82313	20
S	TO ATURING		

See pages 170-179 for ballistics information.



For a scientific explanation of how the Heat Shield® tip and ELD-X® bullet has changed hunting forever, go to hornady.com/heat-shield

### **LOADED WITH:**



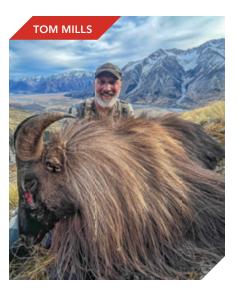




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### It IS... rocket science!®

#### PROGRESSIVE HORNADY® POWDERS

Highly efficient Superformance® propellants accelerate the bullet longer, resulting in up to 200 fps increase in muzzle velocity, without additional peak pressure, boosting velocity without extra recoil.

#### **BREAKOUT ACCURACY AND IMPACT**

With its increased speed, Superformance® produces flatter trajectories and less wind drift for improved accuracy as well as better energy transfer for maximum terminal performance.

#### AS VERSATILE AS IT IS FAST

The ultimate all-around performer, Superformance® is available in 17 Hornet to 444 Marlin and is safe in all types of firearms including semi-autos, lever guns and pump actions.

### PROVEN HORNADY® BULLETS

Loaded with Hornady® SST®, CX™ and InterLock® bullets to excel no matter what the game.



### SUPERFORMANCE.

CARTRIDGE	BULLET	ITEM	СТ
223 Rem	50 gr. CX™	83292	20
5.56 NATO	55 gr. CX™	812544	20
243 Win	95 gr. SST®	80463	20
6mm Rem	95 gr. SST®	81663	20
6mm Creedmoor	90 gr. CX™	813944	20
257 Roberts +P	117 gr. SST®	81353	20
25-06 Rem	90 gr. CX™	814464	20
25-06 Rem	117 gr. SST®	81453	20
6.5X55	140 gr. SST®	85507	20
260 Rem	129 gr. SST®	8552	20
6.5 Creedmoor	120 gr. CX™	814904	20
6.5 Creedmoor	129 gr. SST®	81496	20
270 Win	130 gr. SST®	80543	20
270 Win	130 gr. CX™	80524	20
270 Win	140 gr. SST®	80563	20
7mm-08 Rem	139 gr. SST®	80573	20
7mm-08 Rem	139 gr. CX™	805764	20
7mm Rem Mag	139 gr. SST®	80593	20
7mm Rem Mag	154 gr. SST®	8061	20
7mm Rem Mag	162 gr. SST®	80633	20
300 Savage	150 gr. SST®	82221	20
308 Win	150 gr. CX™	80944	20
308 Win	150 gr. SST®	80933	20
308 Win	165 gr. SST®	80983	20
308 Win	165 gr. CX™	80990	20
30 TC	150 gr. SST®	81004	20
30-06 Sprg	150 gr. CX™	81124	20
30-06 Sprg	150 gr. SST®	81093	20
30-06 Sprg	165 gr. SST®	81153	20
30-06 Sprg	165 gr. CX™	81169	20
30-06 Sprg	180 gr. SST®	81183	20
300 Win Mag	165 gr. CX™	820264	20
300 Win Mag	180 gr. SST®	82193	20
338 RCM	225 gr. SST®	82236	20
338 Win Mag	200 gr. SST®	82223	20
338 Win Mag	225 gr. SST®	82233	20
35 Whelen	200 gr. InterLock® SP	81193	20
444 Marlin	265 gr. InterLock® FP	82453	20

See pages 170-179 for ballistics information.

### Superformance® Shotgun Slugs

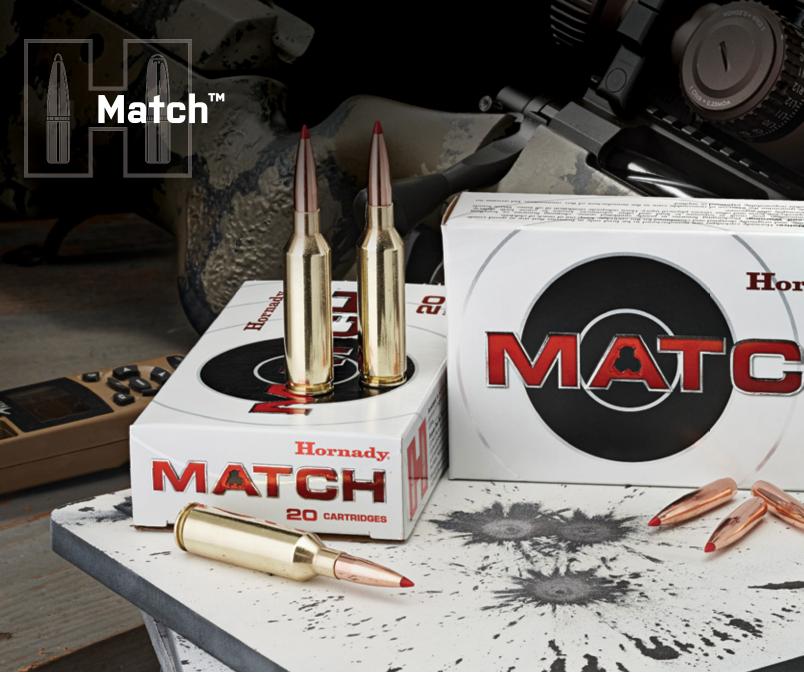
For more information, see page 59.

CARTRIDGE	BULLET/SHOT	ITEM	СТ
12 GA Slug 2¾"	300 gr. MonoFlex®	86236	5

See pages 170-179 for ballistics information.









# The difference between competing and dominating.

#### TRULY MATCH ACCURATE

Loaded with  $ELD^{\otimes}$  Match or BTHP Match<sup> $\mathrm{IM}$ </sup> bullets and held to the tightest accuracy standards in the business.

#### **SPECIALLY SELECTED CASES**

The strictest criteria determines case selection. Wall thickness uniformity, internal capacity and consistent wall concentricity all play roles in producing the most reliable rounds.

### **SPECIFICALLY MATCHED PROPELLANTS**

Powders are carefully matched to each load for optimal pressure, velocity and accuracy. By pairing the powder with the bullet and primer, we ensure tight extreme spread and standard deviation.

### STRINGENT QUALITY CONTROL

Hornady Match™ ammunition is quality controlled for proper bullet seating, consistent charges and pressures, optimal velocity, consistent overall length and repeatable accuracy.



# MATCH

CARTRIDGE	BULLET	G1 BC	ITEM	СТ
223 Rem	73 gr. ELD® Match	.398	80269	20
223 Rem	75 gr. BTHP Match™	.395	8026	20
224 Valkyrie	88 gr. ELD® Match	.545	81534	20
22 ARC <b>NEW</b>	88 gr. ELD® Match		81543	20
6mm ARC	108 gr. ELD® Match	.536	81608	20
6mm Creedmoor	108 gr. ELD® Match	.536	81391	20
260 Rem	130 gr. ELD® Match	.554	8553	20
6.5 Creedmoor	120 gr. ELD® Match	.486	81491	20
6.5 Creedmoor	140 gr. ELD® Match	.610	81500	20
6.5 Creedmoor	147 gr. ELD® Match	.697	81501	20
6.5 PRC	147 gr. ELD® Match	.697	81620	20
7mm PRC	180 gr. ELD® Match	.796	80711	20
308 Win	168 gr. ELD® Match	.523	80966	20
308 Win	168 gr. BTHP Match™	.450	8097	20
308 Win	178 gr. BTHP Match™	.530	8105	20
300 Win Mag	178 gr. ELD® Match	.547	82043	20
300 Win Mag	195 gr. ELD® Match	.584	82180	20
300 PRC	225 gr. ELD® Match	.777	82162	20
338 Lapua Mag	250 gr. BTHP Match™	.670	8230	20
338 Lapua Mag	285 gr. ELD® Match	.829	82300	20
50 BMG	750 gr. A-MAX®	1.050	8270	10

See pages 170-179 for ballistics information.



### Vintage Match™

Vintage Match™ ammunition was developed with the match shooter in mind. It provides superior quality, off-the-shelf ammunition for the shooter who is looking for a match grade alternative to surplus or hand-loaded ammunition.



CARTRIDGE **BULLET** 30-06 Sprg M1 Garand 168 gr. ELD® Match 20 .523 81171

196 gr. BTHP Match™





### Superformance® Match™

Highpower competitors benefit from the Superformance® Match™ advantages – higher muzzle velocity, phenomenal accuracy,



82298

increased range and reduced wind drift.

CARTRIDGE	BULLET	G1 BC	ITEM	СТ
223 Rem	75 gr. BTHP Match™	.395	80264	20
5.56 NATO*	75 gr. BTHP Match™	.395	81264	20
308 Win	168 gr. ELD® Match	.523	80963	20





5.56 NATO ammunition is not for use in rifles chambered in 223 Rem. Superformance®  $\operatorname{Match}^{\scriptscriptstyle\mathsf{TM}}\operatorname{ammunition}\operatorname{may}\operatorname{not}\operatorname{be}\operatorname{compatible}$ with all gas operated firearms.

### **LOADED WITH:**



See pg. 72



See pg. 70



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Patent No. 8,413,587 & 7,380,502



SCAN TO LEARN MORE

### All other lever gun loads are pointless.

#### FLEX TIP® TECHNOLOGY

Patented Flex Tip® technology provides higher ballistic coefficients and increased speed up to 250 fps over traditional flat-point loads while remaining safe in tubular magazines.

### **MORE ENERGY ON TARGET**

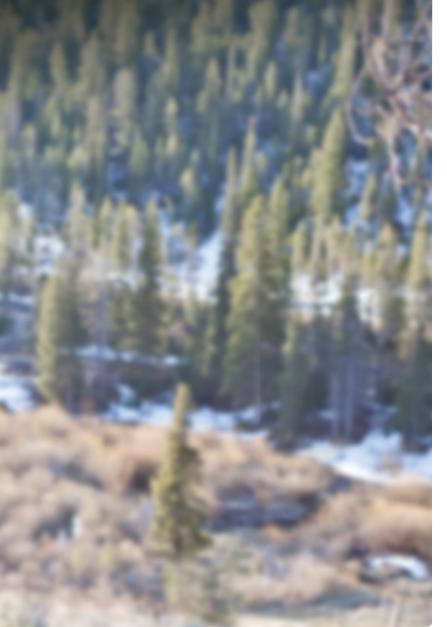
LEVERevolution® outperforms conventional loads for high weight retention, delivering up to 40% more energy. Flatter trajectories provide outstanding downrange terminal performance.

### **RELIABLE EXPANSION, EVEN IN HANDGUNS**

In handguns, hollow point bullets expand too quickly and sacrifice penetration at higher velocities. Flex Tip® technology allows bullets to expand reliably from 800 to 2,000+ fps.

#### **MODERN PROPELLANTS**

New propellants result in maximum muzzle velocity while maintaining conventional pressures.





CARTRIDGE	BULLET	ITEM	СТ
357 Magnum	140 gr. FTX®	92755	25
41 Rem Mag	190 gr. FTX®	9078	20
44 Rem Mag	225 gr. FTX®	92782	20
45 Colt	225 gr. FTX®	92792	20
25-35 Win	110 gr. FTX®	8277	20
7-30 Waters	120 gr. FTX®	81569	20
30-30 Win	140 gr. MonoFlex®	82731	20
30-30 Win	160 gr. FTX®	82730	20
307 Win	160 gr. FTX®	8273	20
308 Marlin Exp	160 gr. FTX®	82733	20
32 Win Spl	165 gr. FTX®	82732	20
338 Marlin Exp	200 gr. FTX®	82240	20
348 Win	200 gr. FTX®	82738	20
35 Rem	200 gr. FTX®	82735	20
444 Marlin	265 gr. FTX®	82744	20
45-70 GOVT*	250 gr. MonoFlex®	82741	20
45-70 GOVT*	325 gr. FTX®	82747	20
450 Marlin	325 gr. FTX®	82750	20

See pages 170-179 for ballistics information.

\*Not for use in revolvers.

**NOTE:** The innovative LEVERevolution® FTX® and MonoFlex® bullet designs may require a newer magazine follower to provide best possible functioning of the last round out of the magazine in certain guns.

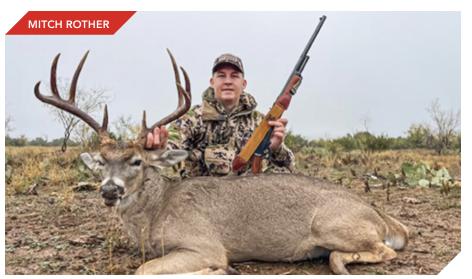


### **LOADED WITH:**













### Make it a knock-down, drag out hunt.®

#### **DEEP PENETRATION WITH GREAT EXPANSION**

American Whitetail® exclusively features Hornady® InterLock® bullets with their exposed lead tip for controlled expansion and lead-alloy core for reliably hard-hitting performance.

### MECHANICALLY LOCKED JACKET AND CORE

The InterLock® ring inside the bullet jacket is embedded into the core, ensuring that core and jacket remain locked together during expansion for maximum mass and energy retention.

### **POWDERS MATCHED TO EACH LOAD**

Loaded to conventional velocities, premium propellants are selected to achieve optimum pressure and consistency, ensuring each load is also compatible with semi-automatics.

#### PROVEN PERFORMANCE WHEN YOU NEED IT

Proven performance with bullet weights that have been deer-hunting favorites for decades.



CARTRIDGE	BULLET	ITEM	СТ
243 Win	100 gr. InterLock®	8047	20
25-06 Rem	117 gr. InterLock®	8144	20
6.5 Creedmoor	129 gr. InterLock®	81489	20
270 Win	130 gr. InterLock®	8053	20
270 Win	140 gr. InterLock®	80534	20
7mm-08 Rem	139 gr. InterLock®	8057	20
7mm Rem Mag	139 gr. InterLock®	80591	20
7mm Rem Mag	154 gr. InterLock®	80590	20
30-30 Win	150 gr. InterLock® RN	80801	20
308 Win	150 gr. InterLock®	8090	20
308 Win	165 gr. InterLock®	80904	20
30-06 Sprg	150 gr. InterLock®	8108	20
30-06 Sprg	180 gr. InterLock®	81084	20
300 WSM	165 gr. InterLock®	82204	20
300 Win Mag	150 gr. InterLock®	8204	20
300 Win Mag	180 gr. InterLock®	82044	20
350 Legend	170 gr. InterLock®	81196	20
450 Bushmaster	245 gr. InterLock®	82242	20

See pages 170-179 for ballistics information.



### American Whitetail® Shotgun Slugs

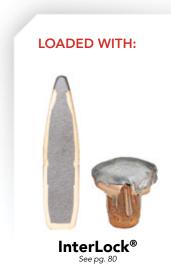
For more information, see page 59.

CARTRIDGE	BULLET	ITEM	СТ
12 GA Slug	325 gr. InterLock®	86271	5
12 GA Rifled Slug	1 oz. Rifled Slug	86234	5

See pages 170-179 for ballistics information.

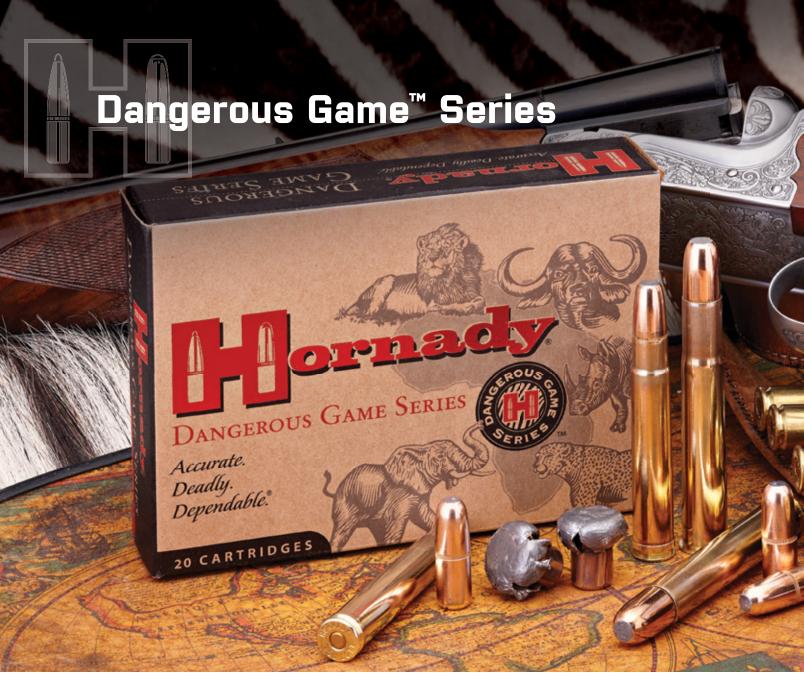






Hornady

20 CARTRIDGES





### Fear no evil.

#### **HEAVY, HARD-HITTING BULLETS**

They call it big game for a reason. Dangerous Game™ Series provides big, heavy bullets with copper-clad steel jackets to tackle Africa's Big Five or the biggest game wherever you hunt.

#### **ULTIMATE ONE-TWO PUNCH**

Begin the ultimate one-two punch with the controlled expansion of the DGX® Bonded bullet. Follow up with the deep penetration of DGS® through thick hide, dense muscle and hard bone.

### **BEST POWDERS FOR BIG GAME**

Powders are carefully matched to each load to ensure optimum pressure and velocity, and to regulate in double rifles. Some of our Dangerous Game™ Series loads feature Superformance® propellant technology.

#### **RELIABILITY FAR FROM HOME**

Produced with strict quality controls for optimal performance on your destination hunt.



CARTRIDGE	BULLET	ITEM	СТ
9.3 x 62	286 gr. InterLock® SP-RP	82303	20
9.3 x 74R	286 gr. InterLock® SP-RP	82304	20
376 Steyr	225 gr. InterLock® SP-RP	8234	20
376 Steyr	270 gr. InterLock® SP-RP	8237	20
375 Ruger	270 gr. InterLock® SP-RP	8231	20
375 Ruger	300 gr. DGX® Bonded	82336	20
375 Ruger	300 gr. DGS®	8232	20
375 H&H Mag Superformance®	270 gr. InterLock® SP-RP	8508	20
375 H&H Mag	300 gr. DGX® Bonded	82334	20
375 H&H Mag	300 gr. DGS®	82322	20
450-400 Nitro Express 3"	400 gr. DGX® Bonded	82432	20
450-400 Nitro Express 3"	400 gr. DGS®	8242	20
416 Ruger	400 gr. DGX® Bonded	82667	20
416 Ruger	400 gr. DGS®	82666	20
416 Rem Mag	400 gr. DGX® Bonded	82672	20
416 Rem Mag	400 gr. DGS®	82674	20
416 Rigby	400 gr. DGX® Bonded	82661	20
416 Rigby	400 gr. DGS®	8265	20
404 Jeffery	400 gr. DGX® Bonded	82381	20
404 Jeffery	400 gr. DGS®	8239	20
450 Nitro Express 31/4"	480 gr. DGX® Bonded	8257	20
450 Nitro Express 31/4"	480 gr. DGS®	8256	20
458 Win Mag Superformance®	500 gr. DGX® Bonded	85834	20
458 Win Mag Superformance®	500 gr. DGS®	8585	20
458 Lott	500 gr. DGX® Bonded	82614	20
458 Lott	500 gr. DGS®	8262	20
470 Nitro Express	500 gr. DGX® Bonded	82631	20
470 Nitro Express	500 gr. DGS®	8264	20
500 Nitro Express 3"	570 gr. DGX® Bonded	82689	20
500 Nitro Express 3"	570 gr. DGS®	8269	20

See pages 170-179 for ballistics information.











### The silence is deafening.

### SO QUIET, YOU CAN HEAR A PIG DROP

Hornady® Subsonic Ammunition doesn't have the loud report of a supersonic round, and paired with a suppressor, it's even quieter.

### TRULY EXPANDING AND ACCURATE

The Flex Tip® of the Sub-X® bullet, combined with long grooves in its gilding metal jacket and the bullet's flat profile, help it expand at low velocities with no loss in accuracy.

### **IDEAL FOR NEW SHOOTERS**

With its reduced noise and less recoil, Hornady® Subsonic makes an ideal training round for new shooters and provides a more enjoyable and successful shooting experience for anyone.

### POWDERS OPTIMIZED FOR SUBSONIC USE

Unique powders for subsonic use result in low flash signature with or without a suppressor.





#### **Subsonic Rifle**

CARTRIDGE	BULLET	ITEM	СТ
300 Blackout	190 gr. Sub-X®	80877	20
30-30 Win	175 gr. Sub-X®	80809	20
7.62x39	255 gr. Sub-X®	80787	20
350 Legend	250 gr. Sub-X®	81198	20
450 Bushmaster	395 gr. Sub-X®	82247	20
45-70 GOVT	410 gr. Sub-X®	82742	20

See pages 170-179 for ballistics information.

#### Subsonic Handgun

CARTRIDGE	BULLET	ITEM	СТ
9mm Luger	147 gr. XTP®	90287	25
40 S&W	180 gr. XTP®	91369	20
45 Auto	230 gr. XTP®	90971	20

See pages 170-179 for ballistics information.

**Disclaimer:** This is subsonic (reduced velocity) ammunition and will not produce the same muzzle energy as conventionally loaded cartridges. If hunting with this product, be sure to read, understand and comply with all applicable regulations and laws pertaining to bullet energy and/or muzzle velocity for the area and game to be hunted.



#### **LOADED WITH:**



SUB-X® See pg. 86



XTP® See pg. 90









## Innovation since 1949.

#### **OUTSTANDING BULLET OPTIONS**

Available in a wide variety of hunting calibers, Hornady® Custom $^{\text{\tiny M}}$  ammunition is loaded with InterLock®, SST®, InterBond®, V-MAX®, FTX® and CX $^{\text{\tiny M}}$  bullets, providing an all-around line of hunting ammunition for your preferred shooting experience.

#### **EXPANSION AND PENETRATION**

An industry leader and customer favorite, Custom™ ammunition balances expansion and is well-suited to medium and large sized game.

#### PIONEERING SECANT OGIVE DESIGN

Most  $Custom^{\mathbb{M}}$  ammunition loads feature bullets with the secant ogive design. The profile, developed by Hornady<sup>®</sup>, creates the optimum blend of ballistic efficiency and bearing surface for flatter shooting and less drag.

#### **VERSATILE AND EFFECTIVE**

Custom™ ammunition provides an all-around solution for hunting, target practice or just plain fun.



# $\mathbf{CUSTOM}^{\mathsf{m}}$

#### **Custom™ Rifle**

CARTRIDGE	BULLET	ITEM	СТ
218 Bee	45 gr. HP Match™	8307	20
223 Rem	55 gr. SP Match™	80255	50
223 Rem	55 gr. FMJ/BT	80275	50
243 Win	87 gr. V-MAX®	80468	20
250 Savage	100 gr. InterLock®	8132	20
6.5 Grendel	123 gr. SST®	8152	20
264 Win Mag	140 gr. InterLock®	8154	20
6.8mm Rem SPC	100 gr. CX™	834814	20
6.8mm Rem SPC	120 gr. SST®	8347	20
275 Rigby	140 gr. InterLock®	8070	20
300 Blackout	110 gr. CX™	808794	20
300 Blackout	135 gr. FTX®	80881	20
308 Win	150 gr. SST®	8093	20
30-40 Krag	180 gr. InterLock®	81202	20
300 H&H Mag	180 gr. InterBond®	8210	20
303 British	150 gr. InterLock®	8225	20
338 Lapua Mag <b>NEW</b>	240 gr. CX™	82318	20
350 Legend	165 gr. FTX®	81197	20
358 Win	200 gr. InterLock®	91318	20
405 Win	300 gr. InterLock®	8241	20
450 Bushmaster	250 gr. FTX®	82244	20

See pages 170-179 for ballistics information.

#### **Custom™ Handgun**

See page 56.



#### **LOADED WITH:**



InterLock®



V-Max® See pg. 84





See pg. 76





InterBond®





# Tack-driving accuracy.

#### **DESIGNED FOR MATCH ACCURACY**

With its polymer tip and streamlined design, the V-MAX® bullet delivers high ballistic coefficients, wind-defying trajectories and tack-driving accuracy at all practical ranges.

#### RAPID FRAGMENTATION UPON IMPACT

The gilding metal jacket, specially designed lead core and polymer tip combine to initiate expansion from the inside out and cause rapid fragmentation of the V-MAX® bullet.

#### **CASES CHOSEN FOR TOP PERFORMANCE**

Brass is chosen to ensure that it meets high Hornady® standards for reliable feeding, corrosion resistance, proper hardness and the ability to withstand maximum chamber pressures.

#### **PROPELLANTS AND PRIMERS**

Powders and primers are carefully selected to provide the best performance for each load.



# VARMINT EXPRESS®

CARTRIDGE	BULLET	ITEM	СТ
22 Hornet	35 gr. V-MAX®	8302	25
223 Rem	55 gr. V-MAX®	8327	20
224 Valkyrie	60 gr. V-MAX®	81531	20
22-250 Rem	50 gr. V-MAX®	8336	20
22-250 Rem	55 gr. V-MAX®	8337	20
220 Swift	55 gr. V-MAX®	8324	20
6mm Creedmoor	87 gr. V-MAX®	81393	20
6.5 Creedmoor	95 gr. V-MAX®	81481	20

See pages 170-179 for ballistics information.

#### **VARMINT EXPRESS® RIMFIRE**

From prairie dogs to coyotes and fox, the Hornady® Rimfire line of ammunition offers varmint hunters high speed rimfire cartridges. Loaded with either the V-MAX,® XTP® or NTX® bullet, these loads deliver tack-driving accuracy and dramatic expansion on impact.



CARTRIDGE	BULLET	ITEM	СТ
17 Mach 2	15.5 gr. NTX®	83176	50
17 Mach 2	17 gr. V-MAX®	83177	50
17 HMR	15.5 gr. NTX®	83171	50
17 HMR	17 gr. V-MAX®	83170	50
17 HMR	20 gr. XTP®	83172	50
22 WMR	30 gr. V-MAX®	83202	50

See pages 170-179 for ballistics information.

#### **VARMINT EXPRESS® BUCKSHOT**

Specially loaded to ensure proper functioning in semi-auto and pump shotguns,



Hornady® #4 Buckshot provides consistent performance due to our Versatite® wad technology that delivers tight patterns without modification to your gun.

CARTRIDGE	BULLET	ITEM	СТ
12 GA 2¾"	1 oz. #4 Buckshot	86243	10



**LOADED WITH:** 



CARTRIDGE	DOLLET	
12 GA 2¾"	1 oz. #4 Buckshot	86243
See pages 170-179 for		





# Speed Kills®

#### PREMIUM POWDERS FOR MORE SPEED

Highly efficient propellants maintain peak pressure longer for velocities that are 100 to 200 fps faster than conventional loads without additional chamber pressure, recoil, muzzle blast, temperature sensitivity or fouling.

#### RAPID FRAGMENTATION UPON IMPACT

Both the V-MAX® with its lead core and the NTX® with its core of frangible copper alloy feature a polymer tip that initiates near instant expansion and rapid fragmentation.

#### **INCREASED RANGE AND ENERGY**

With its boost in speed, Superformance® Varmint produces superior accuracy, increased range, flatter trajectories and less wind drift, as well as better energy on target.

#### **VERSATILE PERFORMANCE**

Superformance® Varmint achieves optimal results for all firearms, including semi-autos.



# SUPERFORMANCE. VARMINT

CARTRIDGE	BULLET/SHOT	ITEM	СТ
17 Hornet	20 gr. V-MAX®	83005	25
204 Ruger	24 gr. NTX®	83209	20
204 Ruger	32 gr. V-MAX®	83204	20
204 Ruger	40 gr. V-MAX®	83206	20
222 Rem	35gr. NTX®	8309	20
222 Rem	50 gr. V-MAX®	8316	20
223 Rem	35 gr. NTX®	83266	20
223 Rem	53 gr. V-MAX®	8025	20
22-250 Rem	35 gr. NTX®	8334	20
22-250 Rem	50 gr. V-MAX®	83366	20
243 Win	58 gr. V-MAX®	8343	20
243 Win	75 gr. V-MAX®	83433	20

See pages 170-179 for ballistics information.



# LOADED WITH:



V-Max<sup>®</sup>
See pg. 84

NTX® See pg. 85









## America's gun Runs on BLACK®

#### **IDEAL HORNADY® BULLET OPTIONS**

Depending on caliber and application, the best bullet options are selected for each round to deliver the accuracy and performance you've come to expect from Hornady.

#### **OPTIMIZED FOR VARIOUS PLATFORMS**

Suppressed or unsuppressed, supersonic or subsonic, rifle, mid-length, carbine or pistol, Hornady BLACK® has optimized offerings for superior performance in a variety of platforms.

#### **CLEAN, ACCURATE AND CONSISTENT**

Special clean-burning propellants result in reduced muzzle flash, even in short-barreled rifles. Internal ballistics and bullet weights are optimized for accuracy and consistency.

#### APPROPRIATE FOR A VARIETY OF GUNS

Designed for today's modern sporting rifles but appropriate for all firearms of the correct caliber.



# Hornady BLACK®

CARTRIDGE		BULLET	ITEM	СТ
5.7x28mm	NEW	40 gr. V-MAX®	90001	25
4.6x30mm		38 gr. V-MAX®	90044	25
5.45x39		60 gr. V-MAX®	81247	20
223 Rem		62 gr. FMJ	80234	20
223 Rem		75 gr. BTHP Match™	80267	20
5.56 NATO		62 gr. FMJ	81263	20
5.56 NATO		75 gr. InterLock® HD SBR™	81296	20
224 Valkyrie		75 gr. BTHP Match™	81532	20
22 ARC	NEW	75 gr. ELD® Match	81541	20
6mm ARC		105 gr. BTHP Match™	81604	20
6mm Creedm	oor	105 gr. BTHP Match™	81396	20
6.5 Grendel		123 gr. ELD® Match	81528	20
6.8mm SPC		110 gr. V-MAX®	83464	20
300 Blackout	NEW	110 gr. NTX®	80862	20
300 Blackout		110 gr. V-MAX®	80873	20
300 Blackout Subsonic		208 gr. A-MAX®	80891	20
308 Win		155 gr. A-MAX®	80927	20
308 Win		168 gr. A-MAX®	80971	20
7.62x39	NEW	111 gr. MonoFlex® SBR	80788	20
7.62x39		123 gr. SST®	80784	20
350 Legend	NEW	150 gr. InterLock®	81199	20
450 Bushmast	er	250 gr. FTX®	82246	20

See pages 170-179 for ballistics information.



For more information, see page 60.



See pages 170-179 for ballistics information.





V-Max® See pg. 84



BTHP Match™



A-Max® See pg. 73



FMJ See pg. 87



InterLock®



ELD® Match



SST® See pg. 78

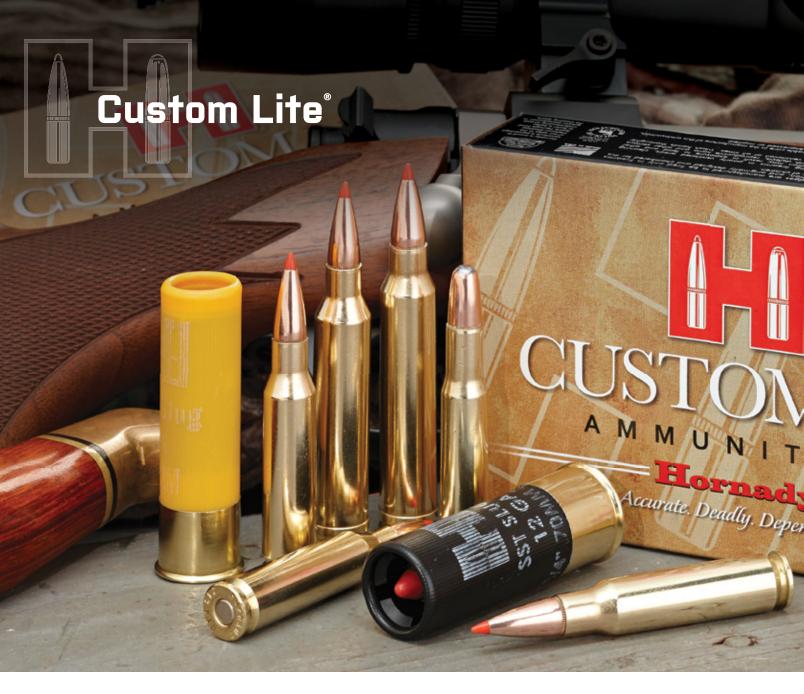


FTX® See pg. 88



#### INTRODUCING 5.7X28MM NEW

Using carefully selected components that ensure reliable cycling and optimized propellants that burn quickly to reduce recoil and limit muzzle flash, the new 5.7x28mm features a 40 gr. FTX® bullet in Critical Defense® and a 40 gr. V-MAX® in Hornady BLACK.®





# Keep recoil to a minimum.

#### LITE FOR LESS RECOIL

Custom Lite® ammunition combines the lightest bullets per caliber with modified fast-burning powders to achieve significant recoil reduction over standard loads while reducing muzzle blast.

#### FOR ALL AGES OF SHOOTERS

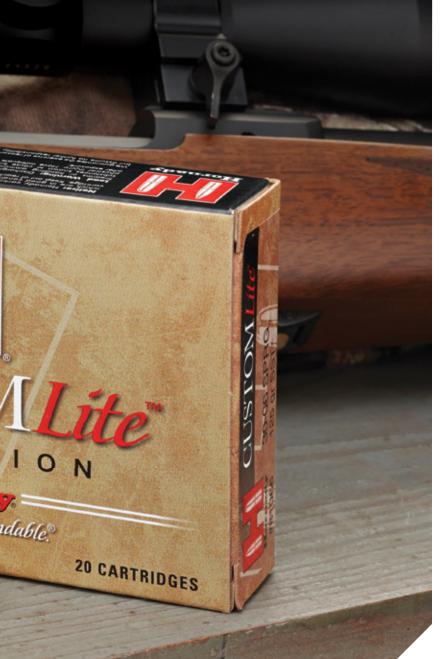
From youngsters just starting out to senior shooters rediscovering their favorite firearms, Custom Lite® ammunition offers a great alternative to anyone looking to keep recoil to a minimum.

#### PROVEN BULLETS AND PERFORMANCE

Loaded with SST® bullets, Custom Lite® ammunition is designed to deliver a modified trajectory that still provides the accurate, deadly and dependable performance you rely on from Hornady.®

#### **MOST POPULAR CALIBERS**

Extremely versatile, Custom Lite® ammunition is available in the most popular centerfire calibers.



# CUSTOM*Lite*®

BULLET	ITEM	СТ
87 gr. SST®	80466	20
120 gr. SST®	80572	20
125 gr. SST®	80866	20
125 gr. SST®	81066	20
	87 gr. SST® 120 gr. SST® 125 gr. SST®	87 gr. SST®       80466         120 gr. SST®       80572         125 gr. SST®       80866

See pages 170-179 for ballistics information.



#### Custom Lite® Shotgun Slugs

For more information, see page 45.

CARTRIDGE	BULLET	ITEM	СТ
20 GA Slug 2¾"	250 gr. FTX®	86233	5
12 GA Slug 2¾"	300 gr. FTX®	86230	5

See pages 170-179 for ballistics information.



#### LOADED WITH:











# Life. Liberty. Hornady.®

#### **DEPENDABLE BULLET PERFORMANCE**

Loaded with match-grade XTP®, HP Match™ and BTHP Match™ bullets, American Gunner® ammunition delivers across-the-board accuracy and superior ballistic performance.

#### **VERSATILE AND FUN**

Target practice, varmint hunting or just plinking — we've got a round for that. American Gunner® provides an all-around fun shooting experience with a wide variety of calibers.

#### QUALITY CONTROLLED FOR CONSISTENCY

Produced in smaller batches to Hornady® quality control standards, American Gunner® components include the highest quality cases, propellants and primers for consistent shooting.

#### FIT FOR YOUR FIREARM

Loaded to conventional velocities, American Gunner® ammunition functions well in any gun.





American Gunner® Rifle

CARTRIDGE	BULLET	ITEM	СТ
223 Rem	55 gr. HP Match™	80237	50
6.5 Creedmoor	140 gr. BTHP Match™	81482	50
300 Blackout	125 gr. HP Match™	80897	50
308 Win	155 gr. BTHP Match™	80967	50
7.62x39	123 gr. HP Match™	80786	50

See pages 170-179 for ballistics information.



American Gunner® Pistol

CARTRIDGE	BULLET	ITEM	СТ
380 Auto	90 gr. XTP®	90104	25
9mm Luger	115 gr. XTP®	90244	25
9mm Luger +P	124 gr. XTP®	90224	25
38 Spl	125 gr. XTP®	90324	25
357 Mag	125 gr. XTP®	90504	25
40 S&W	180 gr. XTP®	91364	20
10mm Auto <b>NEW</b>	155 gr. XTP®	91224	20
45 Auto	185 gr. XTP®	90904	20

See pages 170-179 for ballistics information.



#### American Gunner® Shotgun

For more information, see page 59.

CARTRIDGE	BULLET	ITEM	СТ
12 GA Reduced Recoil™	1 oz. Rifled Slug	86231	5
12 GA Reduced Recoil™	00 Buckshot	86274	10

See pages 170-179 for ballistics information.





HP Match™ HP Match™ See pg. 72 See pg. 72











# American made by Hornady.®

#### WIDE VARIETY OF APPLICATIONS

With offerings suitable for target practice, varmint hunting, law enforcement training, self-defense or just plinking with friends, Frontier® Cartridge meets the needs of shooters.

#### **HORNADY® QUALITY**

Frontier® Cartridge features brass cartridge cases and boxer primers and propellants topped with first-rate Hornady® FMJ, Hollow Point Match™ and BTHP Match™ bullets.

#### QUALITY CONTROLLED FOR PERFORMANCE

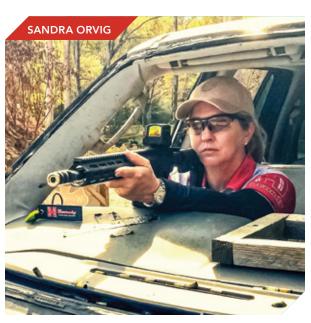
State-of-the-industry loading processes and quality control procedures ensure reliability.





CARTRIDGE	BULLET	ITEM	СТ
223 Rem	55 gr. FMJ	FR100	20
223 Rem	55 gr. FMJ	FR1015	150
223 Rem	55 gr. Hollow Point Match™	FR140	20
223 Rem	68 gr. BTHP Match™	FR160	20
5.56 NATO	55 gr. FMJ (XM193)	FR200	20
5.56 NATO	55 gr. FMJ (XM193)	FR2015	150
5.56 NATO	68 gr. BTHP Match™	FR310	20
5.56 NATO	75 gr. BTHP Match™	FR320	20
6.5 Grendel	123 gr. FMJ	FR700	20
300 Blackout	125 gr. FMJ	FR400	20

See pages 170-179 for ballistics information.



#### **LOADED WITH:**



FMJ See pg. 87



BTHP Match™







# Barrier blind performance.

#### FLEXLOCK® BULLET

The FlexLock® bullet incorporates two revolutionary Hornady® features: the no-clog, patented Flex Tip® design and the heavy duty jacket-to-core InterLock® band.

#### **INTERLOCK® BAND**

Large mechanical jacket-to-core InterLock® band keeps the bullet and core from separating for maximum weight retention and proven terminal performance through all FBI test barriers.

#### **HIGH-ANTIMONY CORE**

The high-antimony lead core is extremely tough and delivers controlled expansion. It also provides a more economical choice than similar bonded bullets.

#### **NICKEL-PLATED CRIMPED CASES**

Nickel plating resists corrosion and greatly enhances low-light chamber checks, while combining the cannelured bullet with a crimped case ensures no bullet setback during feeding.



# CRITICAL OUTY

CARTRIDGE		BULLET	ITEM	СТ
9mm Luger		135 gr. FlexLock®	90236	25
9mm Luger +P		124 gr. FlexLock®	90216	25
9mm Luger +P	Ø	135 gr. FlexLock®	90226	25
357 Sig		135 gr. FlexLock®	91296	20
357 Mag		135 gr. FlexLock®	90511	25
40 S&W	$\overline{\mathbf{y}}$	175 gr. FlexLock®	91376	20
10mm Auto		175 gr. FlexLock®	91256	20
45 Auto +P		220 gr. FlexLock®	90926	20

See pages 170-179 for ballistics information.



The FBI completed an extensive evaluation process and selected Hornady® Critical Duty® as its source for 9mm +P and 40 S&W pistol ammunition.

## THE DIFFERENCE BETWEEN CRITICAL DUTY® AND CRITICAL DEFENSE®

Critical Defense® handgun ammunition provides the best performance for defensive or personal protection situations and is the ultimate choice for any short-barreled, concealed-carry style firearm.

Critical Duty® handgun ammunition meets the needs and requirements of law enforcement and tactical professionals, as well as those law-abiding citizens who prefer a full-size handgun for their personal protection.



SCAN FOR FULL STORY

#### BARRIER BLIND PERFORMANCE 9MM LUGER +P 135 GR FLEXLOCK®



Bare Gelatin
14.0" penetration
0.60" expansion
100% recovered weight



Heavy Clothing
15.0" penetration
0.55" expansion
100% recovered weight



Plywood 14.75" penetration 0.57" expansion 100% recovered weight



Wallboard
13.0" penetration
0.62" expansion
100% recovered weight



Sheet Metal 14.5" penetration 0.53" expansion 97% recovered weight



Glass 14.75" penetration 0.42" expansion 69% recovered weight





# Your best defense for personal protection.

#### FTX® BULLET TECHNOLOGY

The patented FTX® bullet with its Flex Tip® expands reliably and resists the clogging and inconsistency that often plague other hollow points when fired through heavy clothing.

#### **DEFENSE-CENTERED DESIGN**

Critical Defense® was developed to provide the best performance for personal protection situations and is the ultimate choice for short-barreled, concealed-carry style firearms.

#### **EFFECTIVE IN LOW-LIGHT SITUATIONS**

Nickel-plated cases resist corrosion and simplify chamber checks in low light. Optimized propellants burn quickly to reduce recoil and limit muzzle flash, preserving night vision.

#### **WON'T OVER-PENETRATE**

Critical Defense® performs especially well in close quarters and short-range situations.



# **CRITICAL DEFENSE**<sub>®</sub>

#### Critical Defense® Handgun

CARTRIDGE	BULLET	ITEM	СТ
22 WMR	45 gr. FTX®	83200	50
25 Auto	35 gr. FTX®	90014	25
32 Auto	60 gr. FTX®	90063	25
32 H&R Mag	80 gr. FTX®	90060	25
30 Super Carry	100 gr. FTX®	90050	20
327 Federal Mag	80 gr. FTX®	90061	25
380 Auto	90 gr. FTX®	90080	25
5.7x28mm <b>NEW</b>	40 gr. FTX®	90000	25
9mm Luger	115 gr. FTX®	90250	25
38 Spl	110 gr. FTX®	90310	25
38 Spl +P	110 gr. FTX®	90311	25
357 Mag	125 gr. FTX®	90500	25
9x18 Makarov	95 gr. FTX®	91000	25
40 S&W	165 gr. FTX®	91340	20
44 Spl	165 gr. FTX®	90700	20
45 Auto	185 gr. FTX®	90900	20
45 Colt	185 gr. FTX®	92790	20

See pages 170-179 for ballistics information.

#### Critical Defense® Rifle

CARTRIDGE	BULLET	ITEM	СТ
223 Rem	55 gr. FTX®	80270	20
223 Rem	73 gr. FTX®	80260	20
30 Carbine	110 gr. FTX®	81030	25
308 Win	155 gr. FTX®	80920	20

See pages 170-179 for ballistics information.

#### Critical Defense® Shotgun



See pages 170-179 for ballistics information.

#### **LOADED WITH:**



**FTX**® See pg. 89

#### **CRITICAL DEFENSE® LITE™**

Critical Defense®  $\mathsf{Lite}^{^{\mathsf{TM}}}$  ammunition offers an effective, reduced recoil option for any shooter looking to minimize felt recoil of their lightweight, compact personal protection firearm.

A portion of the proceeds from the sale of Critical Defense Lite ammunition is donated to help fund organizations that assist and support cancer patients.

#### Critical Defense® Lite



See pages 170-179 for ballistics information.





# Power and performance for today's handgun hunter.

#### **SUPERIOR COPPER ALLOY PERFORMANCE**

Harder and tougher than solid copper, the copper alloy of the MonoFlex® bullet doesn't separate, achieving deep penetration. Plus, it retains 95% of its weight upon impact and is fully California-compliant.

#### **ELASTOMER TIP AIDS IN EXPANSION**

A unique elastomer material is added to the bullet's open cavity. It compresses upon impact, then pushes out, causing the bullet to expand quicker than a standard hollow point.

#### **ROUGH AND RUGGED**

Whether you're bagging a bull, buck or boar, Handgun Hunter® is as rough and rugged as the game demands. Its deep penetration also makes it a great round for your backup handgun.

#### PRODUCED WITH PREMIUM COMPONENTS

MonoFlex® bullets, combined with premium cases, primers and powders, offer superior performance.



# HANDGUN HUNTER®

CARTRIDGE		BULLET	ITEM	СТ
9mm Luger +P		115 gr. MonoFlex®	90281	25
357 Mag		130 gr. MonoFlex®	9052	25
40 S&W		135 gr. MonoFlex®	91361	20
10mm Auto		135 gr. MonoFlex®	91267	20
44 Rem Mag		200 gr. MonoFlex®	9083	20
45 Auto +P	NEW	160 gr. MonoFlex®	90933	20
454 Casull		200 gr. MonoFlex®	9151	20
460 S&W Mag		200 gr. MonoFlex®	9153	20
500 S&W Mag		300 gr. MonoFlex®	9251	20

See pages 170-179 for ballistics information.





#### **LOADED WITH:**



MonoFlex®







# The preferred choice.

#### **BEST BULLET OPTIONS**

Custom™ Handgun ammunition is loaded with our famous XTP® bullet, our patented FTX® bullet or our swaged lead Cowboy™ bullet. All are supremely accurate and thoroughly dependable.

#### **MOST VERSATILE OFFERINGS**

Whether you use your handgun for hunting, competition, or self defense, Custom™ Handgun offers the most reliable ammo with the widest range of terminal velocities.

#### **QUALITY AND CONSISTENCY**

Built on a tradition of hand-loaded performance from factory-loaded ammunition, Custom<sup>™</sup> Handgun is inspected to ensure the quality and consistency you expect from Hornady.<sup>®</sup>

#### **SUPERIOR COMPONENTS**

Cases, primers and propellants are specifically chosen for superior handgun performance.



# CUSTOM

CARTRIDGE	BULLET	ITEM	СТ
25 Auto	35 gr. XTP®	90012	25
32 Auto	60 gr. XTP®	90062	25
9mm Luger	124 gr. XTP®	90242	25
9mm Luger	147 gr. XTP®	90282	25
357 Sig	147 gr. XTP®	9131	20
38 Spl	158 gr. XTP®	90362	25
357 Mag	158 gr. XTP®	90562	25
40 S&W	155 gr. XTP®	9132	20
10mm Auto	155 gr. XTP®	9122	20
10mm Auto	180 gr. XTP®	9126	20
41 Rem Mag	210 gr. XTP®	9077	20
44-40 Win Cowboy	205 gr. Cowboy™	9075	20
44 Rem Mag	200 gr. XTP®	9080	20
44 Rem Mag	240 gr. XTP®	9085	20
44 Rem Mag	300 gr. XTP®	9088	20
45 Auto	200 gr. XTP®	9112	20
45 Auto +P	230 gr. XTP®	9096	20
45 Colt Cowboy	255 gr. Cowboy™	9115	20
454 Casull	240 gr. XTP® MAG	9148	20
454 Casull	300 gr. XTP® MAG	9150	20
460 S&W Mag	200 gr. FTX®	9152	20
480 Ruger	325 gr. XTP® MAG	9138	20
50 AE	300 gr. XTP®	9245	20
500 S&W Mag	300 gr. FTX®	9249	20
500 S&W Mag	500 gr. XTP®	9252	20

See pages 170-179 for ballistics information.

# LOADED WITH: XTP® See pg. 90 FTX® See pg. 89 Cowboy™ See pg. 93





#### SST® Shotgun Slugs

#### For fully rifled barrels

Add the accuracy and impact of our SST® bullet to a traditional lead-core slug, and you've got a shotgun that can outperform some centerfire rifles. Thanks to Flex Tip® technology, SST® Shotgun Slugs expand quickly

and reliably. The reigning champ in slug states, SST® slugs deliver sub-3" groups at 100 yards and pack a target-dropping punch — up to 1,793 foot-pounds of energy in 12 gauge.



SCAN TO LEARN MORE

BULLET	ITEM	СТ
250 gr. SST®	86232	5
300 gr. SST®	8623	5
	250 gr. SST®	250 gr. SST® 86232

See pages 170-179 for ballistics information.

#### Custom Lite® Shotgun Slugs

#### For fully rifled barrels

Custom Lite® Shotgun Slugs offer an alternative

for anyone who wants to tame the recoil of their rifled-barrel slug gun. Modified fast-burning propellants result in 25% less recoil in 20 gauge and 40% less recoil in 12 gauge compared to standard options.



CARTRIDGE	BULLET	ITEM	СТ
20 GA Slug 2¾"	250 gr. FTX®	86233	5
12 GA Slug 2¾"	300 gr. FTX®	86230	5

See pages 170-179 for ballistics information.

#### Superformance® Shotgun Slugs

#### For fully rifled barrels

At the heart of the Superformance® Shotgun slug is the MonoFlex® projectile topped with the Hornady® exclusive Flex Tip® design that works as a catalyst for uniform expansion, even at low velocities. The MonoFlex® won't separate, and retains 95%

of its original weight. Fueled by our specially blended propellants, the Superformance® Shotgun Slug is built to deliver maximum velocity for flatter trajectories and enhanced terminal performance.



CARTRIDGE	BULLET	ITEM	СТ
12 GA Slug 2¾"	300 gr. MonoFlex®	86236	5

See pages 170-179 for ballistics information.

#### American Gunner® Shotgun Slugs

#### For smooth bore barrels

Designed for fully rifled barrels, American Gunner® Rifled Slugs feature a 1-ounce lead

alloy slug that is loaded to 1,300 feet per second. A compression style wad softens recoil, protects the slug at ignition and helps seal the bore for consistent



CARTRIDGE	BULLET	ITEM	СТ
12 GA Reduced Recoil™	1 oz. Rifled Slug	86231	5

See pages 170-179 for ballistics information.

velocity.



#### American Whitetail® Shotgun Slugs



#### For smooth bore barrels

Designed for smooth bore barrels, Hornady® American Whitetail® Rifled Slugs feature a 1-ounce lead alloy slug that is loaded to 1,600 feet per second. A compression-style wad protects the slug at ignition and helps to seal the bore for maximum velocity.

CARTRIDGE	BULLET	ITEM	СТ
12 GA Rifled Slug 2¾"	1 oz. Rifled Slug	86234	5
See pages 170-179 for ballistics information.			



#### For fully rifled barrels

Designed for fully rifled barrels, Hornady® American Whitetail® Slugs are loaded with 325-grain Hornady® InterLock® bullets. A hollow point serrated design initiates rapid expansion upon impact, and a tough, lead alloy core is lethal out to 200+ yards. The rigid polycarbonate driver in the sabot ensures accuracy. The end result is an accurate delivery system for a tough shotgun slug capable of taking the biggest midwestern whitetails.

CARTRIDGE	BULLET	ITEM	СТ
12 GA Slug 2¾"	325 gr. InterLock® HP	86271	5

See pages 170-179 for ballistics information.





#### Heavy Magnum® Coyote

Hornady® Heavy Magnum® Coyote delivers lethal results and minimal pelt damage out to 50 yards. Loaded with 1½ ounces of nickel plated lead shot in your choice of BB or 00 buckshot, these 3 inch, 12 gauge shotshells are the perfect answer for close range predators.

Both loads feature the Hornady® Versatite® wad that strips cleanly from the shot string for excellent pattern density and a short shot column for maximum effect on target. Not only are these loads extremely effective, they're also an economical choice when compared to expensive tungsten options.

CARTRIDGE	SHOT	ITEM	СТ
12 GA Heavy Magnum® Coyote 3"	1½ oz. BB	86222	10
12 GA Heavy Magnum® Coyote 3"	1½ oz. 00 Buckshot	86224	10





Purposefully designed to function equally well in semi-automatic and pump action shotguns. Hornady BLACK® features 8 pellets of 00 Buckshot and the Hornady® Versatite® wad that strips cleanly from the shot string for excellent pattern density and a short shot column for maximum effect on target. Perfect for target shooting and personal defense.

CARTRIDGE	SHOT	ITEM	СТ
12 GA BLACK® 2¾"	1½ oz. 00 Buckshot	86249	10
Can name 170 170 for			





#### **American Gunner® Buckshot**

The American Gunner® Reduced Recoil 00 Buckshot is loaded with 8 pellets of swaged highantimony lead shot that is held to our exacting tolerances. It is designed to offer less recoil without sacrificing performance. Features the Hornady® Versatite® wad that strips cleanly from the shot string for excellent pattern density and a short shot column for maximum effect on target.

CARTRIDGE	SHOT	ITEM	СТ
12 GA Reduced Recoil™ American Gunner® 2¾"	1½ oz. 00 Buckshot	86274	10
See pages 170-179 for ballistics information.			



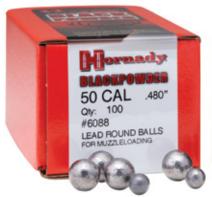
#### Varmint Express® Buckshot

Specially loaded to ensure proper functioning in semi-auto and pump shotguns, Hornady® #4 Buckshot provides consistent performance due to our Versatite® wad technology that delivers tight patterns without modification to your gun.

CARTRIDGE	SHOT	ITEM	СТ
12 GA Varmint Express® 2¾"	1 oz. #4 Buckshot	86243	10
See pages 170-179 for ballistics information.			

# Black

# Black Powder Muzzleloading





Whether it's the rolling smoke or the deep booming sound of a muzzleloader, the challenge of shooting a tight group with a primitive firearm is enjoyable and satisfying to shooters and hunters who prefer a traditional muzzleloading rifle. Hornady® appreciates this elite group of shooters and offers the products to make their experience successful.

#### Hornady® Round Balls

Completely uniform in size, weight, and roundness, Hornady® Round Balls deliver consistent and accurate performance. They're cold swaged from pure lead which eliminates air pockets and voids common to cast soft balls. And the smoother, rounder surface assures better rotation, consistency, and easy loading.



SCAN TO LEARN MORE

#### Hornady® Round Balls

CAL	DIA	ITEM	СТ
32 cal.	.310	6000	100
32 cal.	.315	6003	100
36 cal.	.350	6010	100
36 cal.	.375	6020	100
40 cal.	.395	6025	100
44 cal.	.433	6030	100
45 cal.	.440	6040	100
45 cal.	.445	6050	100
44 cal.	.451	6060	100
44 cal.	.454	6070	100

CAL	DIA	ITEM	СТ
45 cal.	.457	6080	100
50 cal.	.480	6088	100
50 cal.	.490	6090	100
50 cal.	.495	6093	100
54 cal.	.520	6095	100
54 cal.	.530	6100	100
54 cal.	.535	6110	100
58 cal.	.570	6120	50

See pages 170-179 for ballistics information.



#### **Great Plains Bullets**

Pre-lubricated for easy loading, the tapered base lets you start the bullet easily. Cold forming from pure lead eliminates air pockets and the thin skirt, long bearing surface, and hollow point bullet design make it a highly devastating and accurate black powder legend.

50 Cal. 385 gr. Hollow Base Hollow Point (20 ct.) No. 6620



#### PA Conical Bullets

For those using a longer barreled, slower twist firearm, this heavier conical style 50 caliber bullet has about 35% more weight than a typical lead round ball. On impact, it provides reliable terminal performance and better penetration than a typical lead round ball.

50 Cal. 240 gr. PA Conical (50 ct.) No. 6617



#### SST®-ML™ and SST®-ML™ Speed Sabot®

The sabot of the SST®-ML™ fully engages the rifling, keeping it centered and sealed during firing for maximum velocities, flat trajectories and accuracy beyond 200 yards. The Flex Tip® compresses on impact, causing the bullet to expand. The SST®-ML™ is 50% easier to load than other saboted bullets, and the Speed Sabot® offers a fumble-free method of preloading pellets.

CALIBER	DIA.	WEIGHT	ITEM	СТ
45 Cal. SST®-ML™	.400"	200 gr.	67132	20
50 Cal. SST®-ML™	.452"	250 gr.	67273	20
50 Cal. SST®-ML™	.452"	300 gr.	67263	20
50 Cal. Speed Sabot®	.452"	250 gr.	67270	10

See pages 170-179 for ballistics information.

#### MonoFlex® ML™

At the heart of the MonoFlex® ML™ is the .452" diameter MonoFlex® bullet — a monolithic solid projectile made from a copper alloy and topped with the patented Flex Tip® design that works as a catalyst for uniform expansion, even at low velocities. The MonoFlex® won't separate and retains 95% of its original weight.

Specifically engineered to provide phenomenal accuracy, penetration and high weight retention, the MonoFlex® ML™ is a non-traditional/alternative metal construction bullet option that is a fantastic choice for ALL hunters.

CALIBER	DIA.	WEIGHT	ITEM	СТ
50 Cal. MonoFlex® ML™ High Speed/ Low Drag Sabot*	.452"	250 gr.	67274	20

See pages 170-179 for ballistics information.

#### XTP® Muzzleloading

Effective in both traditional and modern muzzleloading rifles, these green saboted projectiles use the XTP® bullet which is specifically designed for deep penetration and proper expansion at all practical muzzleloading velocities.

CALIBER	DIA.	WEIGHT ITEM		СТ
50 CAL XTP®	.430"	240 gr.	6720	20

See pages 170-179 for ballistics information.

# BORE DRIVER®

#### LOADS FAST AND EASY

Without a sabot, the Bore Driver® seats quickly and easily for shot-after-shot performance.

#### **MAXIMUM LETHALITY**

FTX® and ELD-X® bullets incorporate an InterLock® ring that helps retain bullet weight upon impact that when coupled with a tough copper alloy jacket, delivers deep penetration and expansion for the ultimate in on-game lethality.

#### **POLYMER TIP**

Upon impact, the polymer tip drives into the lead core like a wedge, initiating lightning-fast, yet controlled expansion.

#### PERFORMANCE-BOOSTING BASE

The polymer base features a post that fits into the bottom of the bullet. This post swells in diameter at ignition for better torque engagement from inside the bullet and the centering petals grip the bullet's boattail while the skirt engages the rifling to maximize energy transmission.



SCAN TO LEARN MORE





CALIBER	DIA.	WEIGHT	B.C.	ITEM	СТ
50 Cal. FTX®	.499"	290 gr.	.140	67713	20
50 Cal. ELD-X®	.499"	340 gr.	.315	67714	12

See pages 170-179 for ballistics information.

50 Cal. Bore Driver® ELD-X® Ramrod Tip No. 6686

#### ELD-X°



With its superior ballistic coefficients, reduced drag and less than half the wind drift at 200 yards, the Bore Driver ELD-X drives its 340 gr. bullet to target with the energy and accuracy that turn shots into success.



#### **ALUMINUM TIP**

This precision machined tip is longer, moving the center of gravity to enhance stability and reduce drag variability.

#### **HEAT SHIELD® TIP**

This tip resists the effects of aerodynamic heating and retains its shape to provide a perfect and consistent meplat (tip).

#### **FLEX TIP®**

Allows for more aerodynamic bullets in tubular magazines. The soft Flex Tip® initiates expansion, even at lower velocities. It penetrates deep with high weight retention.

#### **POLYMER TIP**

This tip increases ballistic coefficient and initiates dramatic expansion upon impact, even at low velocities.

#### **SPIRE POINT**

Used as hunting bullets, the spire point offers dependable expansion at moderate ranges.

#### **HOLLOW POINT**

Traditional way of finishing an ogive that allows smaller, tighter points, yielding a more aerodynamically efficient bullet.

#### **FLAT POINT**

This hunting bullet design provides controlled expansion with a profile that is safe for tubular magazines.

#### **ROUND NOSE**

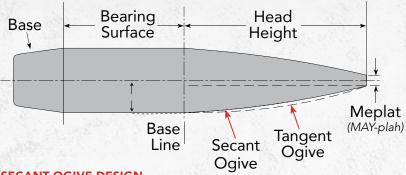
This hunting bullet design is for use at short-to-moderate ranges. When it penetrates game, it is designed to expand and mushroom dependably.

#### **FULL METAL JACKET**

Traditional method of forming economical projectiles that provide reliable feeding in semiand fully automatic platforms.



Joyce Hornady recognized innovation as the product of a quest for perfection, and a belief that the next big breakthrough was just around the corner. Founded on the principle of making better shooting products, that desire has led to a wave of ingenuity ever since.



#### **SECANT OGIVE DESIGN**

Pioneered by Hornady® for use in hunting bullets, this technology broke new ground in ballistic engineering and is now used in bullets for everything from match to varmint shooting. The secant ogive is a geometrically developed design that creates the most ballistically efficient profile, yet retains the optimum bearing surface. The combination of the slender point and increased bearing surface results in lower drag, increased stability, flatter trajectories, and amazing accuracy.



#### THE MEPLAT

Defined as "the diameter of the end of the tip of the projectile." Careful attention is paid to the meplat because its diameter and uniformity contribute to the aerodynamic efficiency of the bullet.

#### THE TIP

Hornady® is recognized as a world leader in bullet tip development. Although small, the tip has a bigger impact on overall performance than perhaps any other portion of the bullet. Innovations in shape and material have led to breakthroughs in accuracy and aerodynamic efficiency. At extended range, the proper tip can reduce vertical stringing, retain downrange velocity and energy, and initiate expansion.

#### THE JACKET

Using advanced manufacturing processes and decades of bullet engineering experience, we precisely control jacket thickness for optimum controlled expansion. Our AMP® bullet jackets\* have virtually zero runout and near zero wall thickness variation.



#### THE CORE

Hornady® bullets have three core varieties. First, the traditional swaged lead core provides uniformity and balance for consistent performance and accuracy. Second, the nontraditional lead-free core (NTX) offers a phenomenal option when nonlead bullets are required. Lastly, our coreless monolithic one-piece copper alloy bullets won't separate and deliver deeper penetration.



COPPER ALLOY

#### **THE CANNELURE\***

The cannelure provides a consistent crimp location, and works with the InterLock® ring to control expansion. Cannelures are also found in select Hornady® bullet lines where semi-automatic or lever gun use is desired.

#### THE INTERLOCK® RING\*

The raised InterLock® ring is embedded in the bullet's core, ensuring the core and jacket remain locked during expansion to retain mass and increase penetration. This is found in many Hornady® hunting bullets, but is not used in match or varmint offerings.

#### THE BASE

Hornady® bullets primarily come in two styles: boattail and flat base. A boattail design is used to lower the drag at extended range, while the traditional flat base design is often used for shooting at moderate range.





**BOATTAIL** 

**FLAT BASE** 

\*Not found on all bullets.

#### Shooting application Legend



Varmint







Match



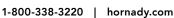
Defense

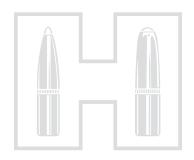






Dangerous Game







SCAN TO LEARN MORE

# **ELD-VT**™

The Hornady ELD-VT™ bullet is here to redefine your varmint hunting and shooting pursuits, offering unmatched accuracy, rapid fragmentation, and the confidence to take on any challenge – from long-range varmint hunts to long-range competitions.

#### PRECISION PERFECTED

Born from a culmination of years of ballistic research, the ELD-VT $^{\text{TM}}$  pairs the aerodynamics of low drag match bullets with the lighter weight of a varmint bullet, giving the ELD-VT $^{\text{TM}}$  a level of uncompromising dual-purpose performance. Say goodbye to compromise, as this bullet's match-winning accuracy and rapid expansion will set new standards.

#### RAPID FRAGMENTATION

The Hornady ELD-VT™ bullet isn't just about hitting the bullseye – it's about making a statement when it gets there. Upon impact, the polymer tip drives rearward through the large air gap and into the bullet core, causing rapid and dramatic fragmentation, even at low velocity.

## ADVANCED MANUFACTURING PROCESS (AMP®) BULLET JACKETS

A testament to an unwavering commitment to excellence, AMP® bullet jackets provide unrivaled consistency in concentricity and thickness, ensuring every ELD-VT $^{\text{\tiny M}}$  bullet performs at its peak.

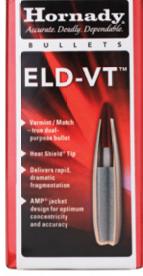
#### **HEAT SHIELD® TECHNOLOGY**

ELD-VT™ bullets incorporate the Heat Shield® tip, which resists the effects of aerodynamic heating. They retain their shape to maintain the lowest drag over their entire trajectory.

#### UNIQUE WEIGHT TO LENGTH DESIGN

Long, sleek, match bullet profile with reduced core to bullet length ratio, maximizes muzzle velocity and moves the center of gravity rearward which enhances aerodynamic performance.















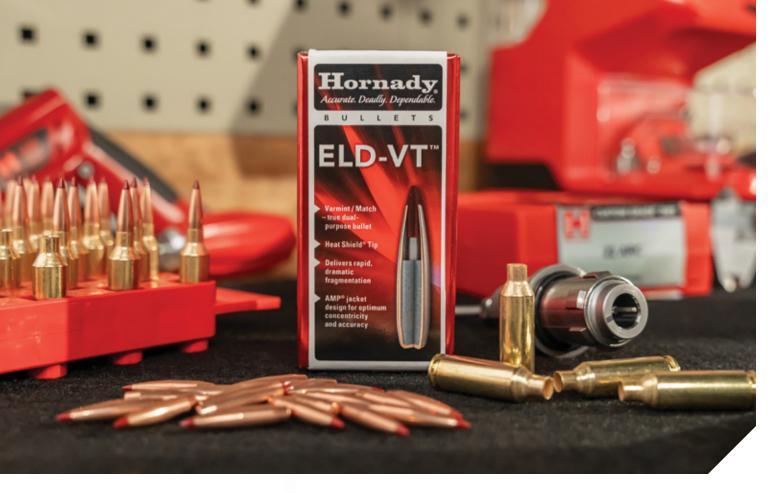


CALIBER/ TYPE	22 Cal. ELD-VT™	6mm ELD-VT™	6.5mm ELD-VT™	30 Cal. ELD-VT™
Diameter	.224"	.243"	.264"	.308"
Weight	62 gr.	80 gr.	100 gr.	174 gr.
G1 Ballistic Coef.	.395	.405	.448	.573
G7 Ballistic Coef.	.199	.202	.226	.289
Sec. Den.	.177	.194	.205	.262
Item #	22762	24372	26103	30620
Box Count	100	100	100	100
Applications				



4DOF® available on the Hornady® Kestrel® 5700 Ballistics Weather Meter





#### Hornady Podcast #97: ELD-VT™ Bullets

On this episode, Seth is joined by Assistant Director of Engineering, Joe Thielen, Senior Ballistician Jayden Quinlan, and Project Engineer, Miles Neville. The discussion covers our new ELD-VT™ bullet specifically, the design, and the application. This exciting new bullet takes our extremely low-drag match bullet shape and pairs it with the rapid fragmentation of our varmint bullets, creating a dual-purpose, long-range varmint and target bullet. By utilizing a unique core configuration, the bullets have excellent drag characteristics and exceptional terminal performance. We hope you enjoy the show.

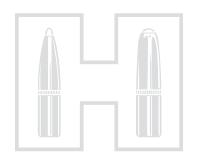
WATCH, LISTEN, AND SUBSCRIBE AT **HORNADY.COM/PODCAST** ▶▶





SCAN TO WATCH PODCAST VIDEO!





# A-Tip<sup>®</sup> Match

Years of research and testing by the Hornady® Ballistic Development Group, combined with advanced manufacturing processes and quality control measures, have led to the creation of the ultimate low-drag, high-performance match bullet.

#### PATENTED ALUMINUM TIP DESIGN

Precision machined and longer than polymer tips, the patented aluminum tip moves the center of gravity for enhanced in-flight stability and reduced drag variability.

#### **ADVANCED ELEMENTS**

The aeroballistically advanced A-Tip® Match features the perfect blend of ogive, tip length, bearing surface and boattail, resulting in tighter groups.

#### **PERFORMANCE**

Bullets verified by Doppler radar for low-drag coefficient and high ballistic coefficient are forgiving of twist rate, seating depth and muzzle velocity.





A-Tip® Match bullets are sequentially packaged right off the press, one after another, for the ultimate in consistent performance. Minimal handling throughout the manufacturing process ensures consistency from bullet to bullet. Unlike other bullets, A-Tip® Match bullets are not bulk washed so they are packaged with a polishing bag in each box to prepare bullets for loading.



SCAN TO LEARN MORE





















CALIBER/ TYPE	22 Cal. A-Tip® Match	6mm A-Tip <sup>®</sup> Match	6.5mm A-Tip <sup>®</sup> Match	6.5mm A-Tip® Match	7mm A-Tip® Match	7mm A-Tip® Match	30 Cal. A-Tip® Match	30 Cal. A-Tip® Match
Diameter	.224"	.243"	.264"	.264"	.284"	.284"	.308"	.308"
Weight	90 gr.	110 gr.	135 gr.	153 gr.	166 gr.	190 gr.	176 gr.	230 gr.
G1 Ballistic Coef.	.585	.604	.637	.704	.664	.838	.564	.823
G7 Ballistic Coef.	.295	.304	.321	.355	.332	.422	.284	.414
Sec. Den.	.256	.266	.277	.314	.294	.337	.265	.346
Item #	2286	24531	26179	2638	2836	28506	30717	3091
Box Count	100	100	100	100	100	100	100	100
Applications	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	•	<b>©</b>

#### The best in the world choose Hornady.®



**Austin Orgain** took first place at the . 2023 Hornady Precision Rifle Challenge shooting Hornady A-Tip® Match bullets.



Jake Vibert won the Open Division and took first place overall at the THS Steel Classic PRS Match. 6.5mm 153 gr. A-Tip® Match bullets in his 6.5 Creedmoor.



Sean Murphy and **Greg Hamilton** took first place at the Real World Sniper Challenge, shooting Hornady 6.5mm 135 gr. A-Tip® Match bullets in their precision rifles and . 9mm 125 gr. HAP bullets in their pistols.



Clay Blackketter won the Peterson's Cartridge Challenge PRS Match and AG Cup Qualifier, using 6mm 110 gr. A-Tip® Match bullets.











375 Cal. CALIBER/ 30 Cal. 338 Cal. 416 Cal. **TYPE** A-Tip® Match A-Tip® Match A-Tip® Match A-Tip® Match Diameter .338" .375" .416" Weight 250 gr. 300 gr. 390 gr. 500 gr. G1 Ballistic Coef. .976 .878 .863 .987 G7 Ballistic Coef. .442 .435 .497 .492 Sec. Den. .377 .375 .396 .413 3092 33389 3729 41697 Item# 100 100 25 25 **Box Count Applications (0) (0) (0) (0)** 



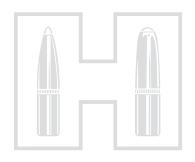
4DOF® available on the Hornady® Kestrel® 5700 Ballistics Weather Meter



FREE DOWNLOAD Hornady Ballistic App with 4DOF®

#### Hornady recommends the following twist rates for our larger caliber A-Tip® Match bullets:

- .375 caliber 390 grain: 1:11 twist rate
- .416 caliber 500 grain: 1:12 twist rate





# **ELD®** Match

Superior accuracy and industry leading ballistic design are the hallmarks of the ELD® Match Bullet. The groundbreaking Heat Shield® tip resists aerodynamic heating, which can deform conventional polymer tips. Combined with other features, it creates a competitive shooting bullet with superior accuracy and extreme consistency from bullet to bullet, lot to lot.

#### **BEST-IN-CLASS BCs**

Conventional polymer tips can melt and deform in flight, reducing ballistic coefficients and degrading accuracy. The Heat Shield® tip resists the effects of aerodynamic heating and retains its shape, providing a perfect meplat that is always the same.

#### **BULLET SHAPED FOR ACCURACY**

Along with the Heat Shield® tip, the streamlined secant ogive with optimum boattail design and highly concentric AMP® bullet jackets combine for remarkable accuracy and best in class BCs.

#### **DOPPLER RADAR VERIFIED DATA**

ELD® Match bullet BCs are measured and verified by Doppler radar and corrected to standard atmospheric conditions.

## SWAGED LEAD CORE FOR UNIFORMITY

ELD® Match bullets feature a precision swaged lead core, which provides consistent uniformity and contributes to the bullet's aerodynamics and accuracy, even at extended ranges.

#### THE PERFECT TIP!

The Heat Shield® tip creates the perfect meplat and outperforms BTHP bullets.



CUSTOM-PROFILED SEATING STEMS AVAILABLE FOR ELD® MATCH BULLETS.

See page 130.





CALIBER/ TYPE	22 Cal. ELD® Match	6mm ELD® Match	25 Cal. ELD® Match	6.5mm ELD® Match	6.5mm ELD® Match	6.5mm ELD® Match	6.5mm ELD® Match				
Diameter	.224"	.224"	.224"	.224"	.224"	.243"	.257"	.264"	.264"	.264"	.264"
Weight	52 gr.	73 gr.	75 gr.*	80 gr.*	88 gr.*	108 gr.*	134 gr.	100 gr.	120 gr.	123 gr.	130 gr.
G1 Ballistic Coef.	.247	.398	.467	.485	.545	.536	.645	.385	.486	.506	.554
G7 Ballistic Coef.		.200	.235	.244	.274	.270	.325	.194	.245	.255	.279
Sec. Den.	.148	.208	.214	.228	.251	.261	.290	.205	.246	.252	.266
Item #	22491	22774	22791	22831	22834	24561	2561	26100	26175	26176	26177
Box Count	100	100	100	100	100	100	100	100	100	100	100
Applications	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>

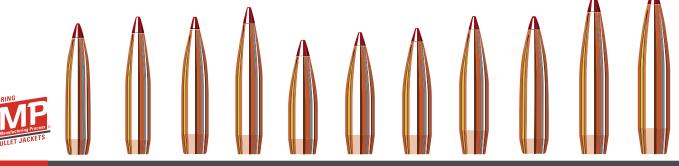


Hornady engineers used Doppler radar to test new products.

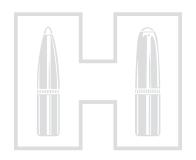
# Ten bullets through one hole

"Ten bullets through one hole" was the philosophy of Joyce Hornady, the company's founder. This great idea of accuracy and perfection has continued from the first bullet made more than 70 years ago, right through today. Shown is a quality control group that was shot from an 8-twist Bartlein barrel during our normal production process using a 6.5mm Creedmoor 140 gr. ELD® Match bullet at **200 yards**. This target exemplifies J.W. Hornady's ideal in accuracy and consistent performance.

5 Greedmoor



CALIBER/ TYPE	6.5mm ELD® Match	6.5mm ELD® Match	7mm ELD® Match	7mm ELD® Match	30 Cal. ELD® Match	338 Cal. ELD® Match					
Diameter	.264"	.264"	.284"	.284"	.308"	.308"	.308"	.308"	.308"	.308"	.338"
Weight	140 gr.	147 gr.	162 gr.	180 gr.*	155 gr.	168 gr.	178 gr.	195 gr.	208 gr.	225 gr.*	285 gr.
G1 Ballistic Coef.	.646	.697	.670	.796	.461	.523	.547	.584	.690	.777	.829
G7 Ballistic Coef.	.326	.351	.338	.401	.232	.263	.275	.294	.348	.391	.417
Sec. Den.	.287	.301	.287	.319	.233	.253	.268	.294	.313	.339	.356
Item #	26331	26333	28403	28503	30313	30506	30713	30951	30731	30904	33381
<b>Box Count</b>	100	100	100	100	100	100	100	100	100	100	50
Applications	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>	<b>©</b>







SCAN TO LEARN MORE

## Match™

We combined technological advancements in design, tooling and manufacturing to produce Match™ bullets with superior consistency and unrivaled accuracy. With the tightest standards in the industry, Match™ bullets incorporate every possible design feature to deliver a well-balanced, exceptionally accurate bullet.

#### **AMP® BULLET JACKET**

The consistently concentric AMP® (Advanced Manufacturing Process) bullet jackets feature virtually zero runout and near zero variation in wall thickness.

#### **SWAGED LEAD CORE**

Our lead cores are swaged for excellent uniformity and balance, providing consistent performance from bullet to bullet.

#### **SECANT OGIVE PROFILE**

The geometric profile produces low drag and flatter trajectories. The optimum bearing surface provides stability in flight and the best ballistic coefficients.



4DOF® available on the Hornady® Kestrel® 5700 Ballistics Weather Meter

#### **BOATTAIL**

The unique angle and length of the boattail is optimized for each caliber and weight of Match™ bullet to maximize ballistic coefficients and performance.



FREE DOWNLOAD
Hornady Ballistic
App with 4DOF®

















CALIBER/ TYPE	22 Cal. BTHP Match™	22 Cal. BTHP Match™ W/C	22 Cal. HP Match™	22 Cal. HP Match™ W/C	22 Cal. BTHP Match™	22 Cal. BTHP Match™ W/C	22 Cal. BTHP Match™
Diameter	.224"	.224"	.224"	.224"	.224"	.224"	.224"
Weight	52 gr.	52 gr.	53 gr.	55 gr.	68 gr.	68 gr.	75 gr.
G1 Ballistic Coef.	.229	.229	.218	.254	.355	.355	.395
Sec. Den.	.148	.148	.151	.157	.194	.194	.214
Item #	2249/2249B	2249C	2250/2250B	2263B	2278/22785/2278B	2278C	2279/22796/2279B
Box Count	100/6000	6000	100/6000	6000	100/500/4500	4500	100/600/4000
Applications	•	•	•	<b>©</b>	•	•	•















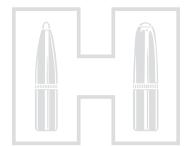








CALIBER/ TYPE	22 Cal. BTHP Match™ W/C	6mm BTHP Match™	6.5mm BTHP Match™	6.5mm BTHP Match™	6.8mm/270 Cal. BTHP Match™ W/C	30 Cal. BTHP Match™	30 Cal. BTHP Match™ W/C	30 Cal. BTHP Match™	30 Cal. BTHP Match™	30 Cal. BTHP Match™
Diameter	.224"	.243"	.264"	.264"	.277"	.308"	.308"	.308"	.308"	.308"
Weight	75 gr.	105 gr.	123 gr.	140 gr.	110 gr.	155 gr.	155 gr.	168 gr.	178 gr.	208 gr.
G1 Ballistic Coef.	.395	.530	.450	.580	.360	.405	.405	.450	.530	.620
Sec. Den.	.214	.254	.252	.287	.205	.233	.233	.253	.268	.313
Item #	2279C	2458/24585	26174	26335	27200	3039/3039B	3039C	30501/305016/30501B	30715/30715B	30733
<b>Box Count</b>	4000	100/500	100	100	100	100/2000	2000	100/250/1800	100/1600	100
Applications	•	•	<b>©</b>	<b>©</b>	•	•	•	<b>©</b>	•	<b>©</b>



## A-MAX<sup>®</sup>

To meet the demands of match shooters, the A-MAX® bullet design grew from a relentless application of everything we know about ballistics and flight characteristics. The aerodynamic secant ogive profile, sharp pointed tip and unequaled concentricity result in an extremely high ballistic coefficient and near perfection in flight.

#### **OPTIMAL TIP**

The uniform tip raises the ballistic coefficient and precisely balances the center of pressure relative to the center of gravity for optimal inflight stability.

#### **SECANT OGIVE PROFILE**

The geometric profile creates low drag, flatter trajectories, and an optimum bearing surface for in-flight stability and best possible ballistic coefficient.

#### **SWAGED LEAD CORE**

The swaging process produces cores with excellent uniformity and balance for consistent performance and superior accuracy.

#### AMP® BULLET JACKET

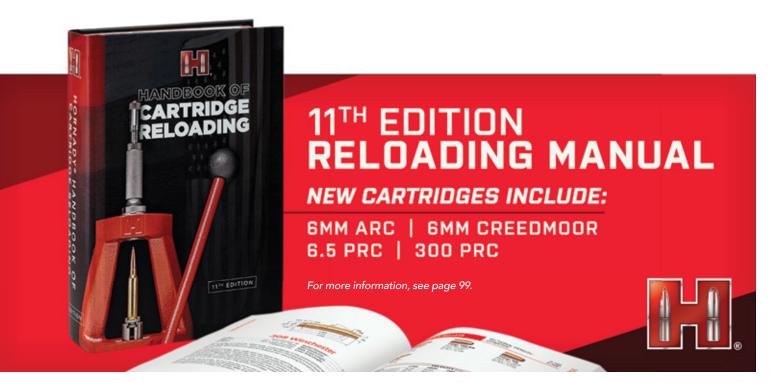
The consistently concentric AMP® (Advanced Manufacturing Process) bullet jacket has virtually zero runout and near zero variation in wall thickness.

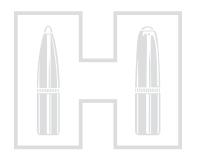
## CUSTOM-PROFILED SEATING STEMS AVAILABLE FOR A-MAX® BULLETS.

See page 130.



CALIBER/ TYPE	30 Cal. A-MAX®	50 Cal. A-MAX <sup>®</sup>
Diameter	.308"	.510"
Weight	168 gr.	750 gr.
G1 Ballistic Coef.	.475	1.050
Sec. Den.	.253	.412
Item #	30502	5165
<b>Box Count</b>	100	20
Applications	<b>©</b>	<b>©</b>







The ELD-X® (Extremely Low Drag — eXpanding) provides match accuracy in an expanding bullet that's effective at all practical hunting distances. The Heat Shield® tip not only contributes to high ballistic coefficients and accuracy but also delivers consistent, controlled expansion for extreme lethality whether shooting near or far.

#### **BEST-IN-CLASS BCs**

Verified by Doppler radar, the Heat Shield® tip combats aerodynamic heating and retains its shape, providing a perfect meplat, for highest-in-class BCs over its entire trajectory.

#### MATCH ACCURATE HUNTING BULLET

Streamlined secant ogive with optimum boattail design, highly concentric AMP® bullet jacket and Heat Shield® tip produce superior aerodynamic efficiency.

#### **DEVASTATING AT CONVENTIONAL RANGES**

Along with the thick shank of the jacket, the InterLock® ring works to keep the bullet's jacket and core together in high-velocity impacts up to 400 yards, providing 50-60% weight retention.

## BEST EXTENDED RANGE TERMINAL PERFORMANCE AVAILABLE

In low-velocity impacts past 400 yards, the Heat Shield® tip drives backward into the bullet to initiate expansion with 85-90% weight retention. Exhibiting conventional expansion with a large mushroom, the bullet provides deep penetration and large wound cavities.





4DOF® available on the Hornady® Kestrel® 5700 Ballistics Weather Meter



FREE DOWNLOAD Hornady Ballistic App with 4DOF®



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\*To achieve optimal performance, non-standard magazine length, chamber and faster twist rate barrel may be required. For an expanded ELD-X® and ELD® Match bullet BC value chart at different Mach numbers, please visit hornady.com/BC











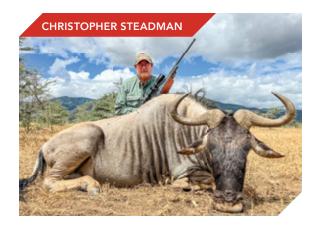




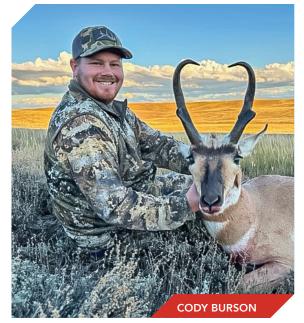




CALIBER/ TYPE	22 Cal. ELD-X®	6mm ELD-X®	6mm ELD-X <sup>®</sup>	25 Cal. ELD-X®	6.5mm ELD-X <sup>®</sup>	270 Cal. ELD-X®	7mm ELD-X®	7mm ELD-X®
Diameter	.224"	.243"	.243"	.257"	.264"	.277"	.284"	.284"
Weight	80 gr.	90 gr.	103 gr.*	110 gr.	143 gr.	145 gr.	150 gr.	162 gr.
G1 Ballistic Coef.	.485	.409	.512	.465	.623	.536	.574	.631
G7 Ballistic Coef.	.244	.206	.258	.234	.314	.270	.289	.318
Sec. Den.	.228	.218	.249	.238	.293	.270	.266	.287
Item #	22833	2441	24550	25418	2635	27356	2826	2840
Box Count	100	100	100	100	100	100	100	100
Applications		- ( )			<b>*</b>		<b>*</b>	<b>*</b>

















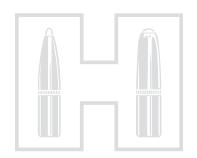








CALIBER/ TYPE	7mm ELD-X®	30 Cal. ELD-X®	30 Cal. ELD-X <sup>®</sup>	30 Cal. ELD-X®	30 Cal. ELD-X®	338 Cal. ELD-X®	338 Cal. ELD-X <sup>®</sup>
Diameter	.284"	.308"	.308"	.308"	.308"	.338"	.338"
Weight	175 gr.*	178 gr.	200 gr.	212 gr.*	220 gr.	230 gr.	270 gr.
G1 Ballistic Coef.	.689	.552	.597	.663	.654	.616	.757
G7 Ballistic Coef.	.347	.278	.301	.334	.329	.310	.381
Sec. Den.	.310	.268	.301	.319	.331	.288	.338
Item #	2841	3074	3076	3077	3078	33210	33371
Box Count	100	100	100	100	100	100	50
Applications	(	(	( ) <b>( )</b>	(	(	<b>*</b>	<b>8</b>





The new CX™ (Copper alloy eXpanding) bullet from Hornady represents the most advanced monolithic hunting bullet on the market. Its optimized design offers extended range performance, greater accuracy, high weight retention, and deep penetration.

#### MONOLITHIC COPPER ALLOY BULLET

One-piece copper alloy bullet delivers devastating terminal performance, deep penetration, and 95% weight retention.

#### PATENTED HEAT SHIELD® TIP

The Heat Shield® Tip is made of a heat resistant polymer that resists aerodynamic heating and provides a consistently high BC for the bullet's entire flight path. The Heat Shield® tip also gives the bullet the perfect patented meplat for bullet-to-bullet and lot-to-lot consistency.

#### **OPTIMUM GROOVE GEOMETRY**

The grooves on the CX<sup>™</sup> bullet maximize aerodynamic performance while effectively reducing bearing surface and fouling.

#### NONTRADITIONAL OPTION FOR LARGE GAME

Fully California compatible and appropriate for use in other areas that require nontraditional bullets,  $CX^{\text{\tiny M}}$  provides a great option for everything from medium-size to large game.

CUSTOM-PROFILED SEATING STEMS AVAILABLE FOR CX™ BULLETS.

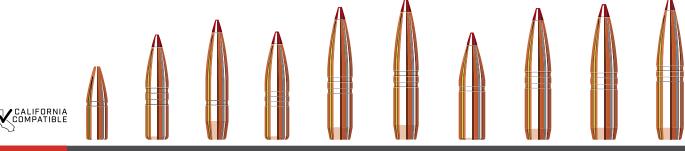




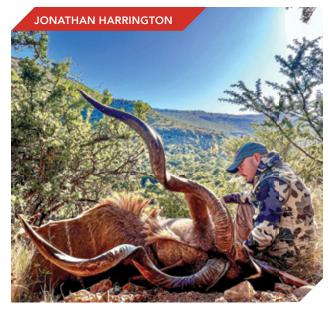
SCAN TO LEARN MORE





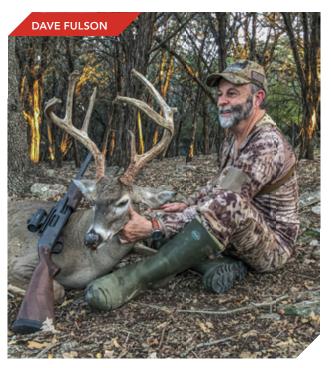


CALIBER/ TYPE	22 Cal. CX™	6mm CX™	6mm CX™	25 Cal. CX™	6.5mm CX™	6.5mm CX™	6.8mm/270 Cal. CX™	270 Cal. CX™	7mm CX™	7mm CX™
Diameter	.224"	.243"	.243"	.257"	.264"	.264"	.277"	.277"	.284"	.284"
Weight	50 gr.	80 gr.	90 gr.	90 gr.	120 gr.	130 gr.	100 gr.	130 gr.	139 gr.	150 gr.
G1 Ballistic Coef.	.164	.273	.418	.273	.428	.489	.262	.403	.429	.455
G7 Ballistic Coef.	_		.210	.246	.215	.246	_	.203	.216	.229
Sec. Den.	.142	.194	.218	.195	.246	.267	.186	.242	.246	.266
Item #	22402	243704	24444	254104	261104	26178	271904	273704	282704	28284
Box Count	50	50	50	50	50	50	50	50	50	50
Applications			<b>(</b>		<b>P</b>	<b>*</b>		<b>P</b>	(P)	<b>*</b>





















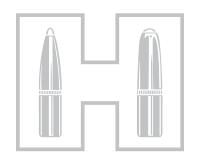








CALIBER/ TYPE	7mm CX™	30 Cal. CX™	338 Cal. CX™	338 Cal. CX™	375 Cal. CX™				
Diameter	.284"	.308"	.308"	.308"	.308"	.308"	.338"	.338"	.375"
Weight	160 gr.	110 gr.	150 gr	165 gr.	180 gr.	190 gr.	185 gr.	225 gr.	250 gr.
G1 Ballistic Coef.	.596	.312	.418	.440	.469	.575	.407	.490	.403
G7 Ballistic Coef.	.300	_	.210	.221	.236	_	.205	.247	.203
Sec. Den.	.283	.166	.226	.248	.271	.286	.231	.281	.254
Item #	2837	301914	303704	304704	301934	30738	332704	332014	37084
Box Count	50	50	50	50	50	50	50	50	50
Applications	<b>*</b>		<b>*</b>		<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>







SCAN TO LEARN MORE

## SST®

Short for "Super Shock Tip,™" the Hornady® SST® is designed to deliver tremendous shock on impact while expanding quickly and reliably, particularly at higher velocities. Flat shooting and deadly accurate, it's an ideal bullet for whitetails, as well as most North American game animals from antelope to moose and similar-sized African plains game. The SST® creates a devastatingly large wound channel.

#### **POLYMER TIP**

The hard, sleek polymer tip increases aerodynamic efficiency and drives into the lead core like a wedge on impact, initiating fast yet controlled expansion.

#### **INTERLOCK® RING**

The InterLock® ring keeps the core and jacket locked solid during expansion, so the SST® retains the mass and energy needed for dramatic wound channels.

#### **CANNELURE**

The cannelure works with the InterLock® ring to keep the core and jacket together while providing a consistent, accurate crimp location during loading.

#### **SECANT OGIVE PROFILE**

The profile produces low drag and flatter trajectories. The optimum bearing surface provides stability in flight and the best ballistic coefficients.



CALIBER/ TYPE	6mm SST®	25 Cal. SST®	6.5mm SST®	6.5mm SST®	6.5mm SST®	6.8mm/270 Cal. SST®	270 Cal. SST®	270 Cal. SST®	270 Cal. SST®
Diameter	.243"	.257"	.264"	.264"	.264"	.277"	.277"	.277"	.277"
Weight	95 gr.	117 gr.	123 gr.	129 gr.	140 gr.	120 gr.	130 gr.	140 gr.	150 gr.
Ballistic Coef.	.355	.390	.510	.485	.520	.400	.460	.495	.525
Sec. Den.	.230	.253	.252	.264	.287	.223	.242	.261	.279
Item #	24532	25522	26173	26202	26302	2716	27302	27352	27402
<b>Box Count</b>	100	100	100	100	100	100	100	100	100
Applications	( )			(W)		( <b>W</b> )			(



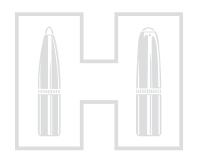
CALIBER/ TYPE	7mm SST®	7mm SST®	7mm SST®	30 Cal. SST®	30 Cal. SST®	30 Cal. SST® (300 Savage)	30 Cal. SST®	30 Cal. SST®	7.62 x 39mm SST®	8mm SST®	338 Cal. SST®	338 Cal. SST®
Diameter	.284"	.284"	.284"	.308"	.308"	.308"	.308"	.308"	.310"	.323"	.338"	.338"
Weight	139 gr.	154 gr.	162 gr.	125 gr.	150 gr.	150 gr.	165 gr.	180 gr.	123 gr.	170 gr.	200 gr.	225 gr.
Ballistic Coef.	.486	.525	.550	.305	.415	.370	.447	.480	.295	.445	.455	.515
Sec. Den.	.246	.273	.287	.188	.226	.226	.248	.271	.183	.233	.250	.281
Item #	28202	28302	28452	3019	30302	30303	30452	30702	3142	3233	33102	33202
<b>Box Count</b>	100	100	100	100	100	100	100	100	100	100	100	100
Applications	<b>*</b>	<b>*</b>	<b>*</b>	<b>\tag{Y}</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>		<b>*</b>	<b>*</b>	<b>*</b>



## 75th Anniversary Bullets

Limited edition commemorative bullets pay homage to the first bullet and packaging Hornady® manufactured. The 30 Cal. 150 grain Spire Point remains one of our best-selling bullets today.

No. 3031-75







SCAN TO LEARN MORE

## InterLock®

InterLock® provides a classic option for hunting medium to large game. Hard hitting and deep penetrating, InterLock® sets the standard by which all hunting bullets are measured. InterLock® bullets include exposed lead tips for controlled expansion and an InterLock® ring that locks the core and jacket together for devastating wound channels. Most feature our secant ogive design for superior ballistic efficiency.

#### **INNER GROOVES**

Inner grooves strategically control the upper portion of the copper jacket, initiating consistent, controlled expansion even at long range.

#### **ONE-PIECE CORE**

The one-piece core won't separate like two-piece divided cores. As a result, InterLock bullets retain more mass, energy and momentum, providing deep penetration and large, consistent wound channels for clean kills.

#### **INTERLOCK® RING**

The raised InterLock® ring is embedded in the bullet's core, ensuring the core and jacket are locked together during expansion to retain mass and energy.

#### **CANNELURE**

The cannelure in the bullet jacket on most InterLock® bullets provides accurate and consistent crimping and works with the InterLock® ring to hold jacket and core together.



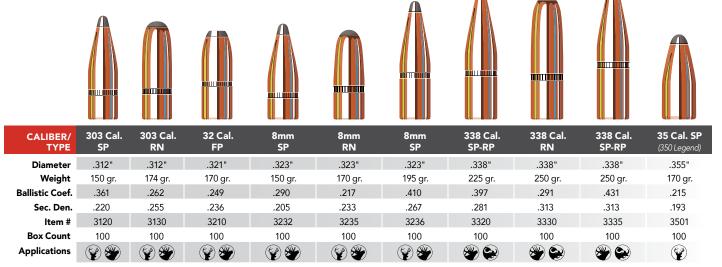


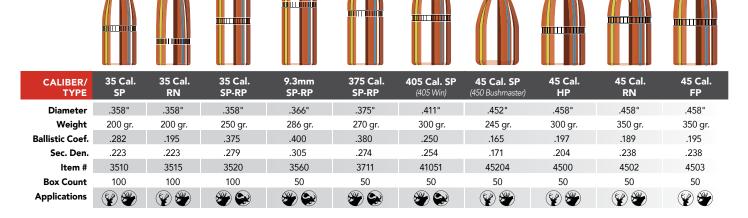
#### 75th Anniversary Bullets

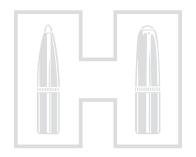
Limited edition commemorative bullets pay homage to the first bullet and packaging Hornady® manufactured. The 30 Cal. 150 grain Spire Point remains one of our best-selling bullets today.

CALIBER/ TYPE	6mm BTSP	25 Cal. RN	25 Cal. BTSP	6.5mm SP	6.5mm SP	6.5mm RN	270 Cal. SP	270 Cal. BTSP	270 Cal. SP	7mm SP	7mm BTSP	7mm SP	7mm BTSP
Diameter	.243"	.257"	.257"	.264"	.264"	.264"	.277"	.277"	.277"	.284"	.284"	.284"	.284"
Weight	100 gr.	117 gr.	117 gr.	129 gr.	140 gr.	160 gr.	130 gr.	140 gr.	150 gr.	139 gr.	139 gr.	154 gr.	162 gr.
Ballistic Coef.	.405	.243	.391	.445	.465	.283	.409	.486	.462	.392	.453	.433	.514
Sec. Den.	.242	.253	.253	.264	.287	.328	.242	.261	.279	.246	.246	.273	.287
ltem #	2453	2550	2552	2620	2630	2640	2730	2735	2740	2820	2825	2830	2845
<b>Box Count</b>	100	100	100	100	100	100	100	100	100	100	100	100	100
Applications	<b>(</b>		<b>(</b>		<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>











SCAN TO LEARN MORE

## DGX<sup>®</sup> Bonded

The DGX® Bonded (Dangerous Game™ eXpanding) bullet features a copper-clad steel jacket bonded to a lead core to provide limited, controlled expansion with deep penetration and high weight retention. Bonding the jacket to the core prevents separation from high-energy impact on tough material like bone, ensuring the bullet stays together for deep expansion.

#### **BONDED JACKET AND CORE**

Bonding the jacket to the antimony-hardened lead core locks them together so they won't separate during a high-energy impact, improving the retained weight.

#### **COPPER-CLAD STEEL JACKET**

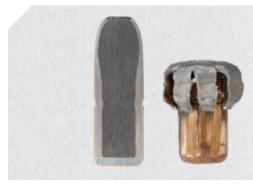
The copper-clad steel jacket of DGX® Bonded sets it apart from other dangerous game bullets, allowing it to tear through tough hide, muscle and bone.

#### **CONTROLLED EXPANSION**

DGX® Bonded features a flat nose with serrated sections for uniform expansion and straight penetration, reducing possible deflections.

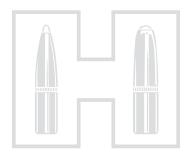
#### **SHARED PROFILE**

DGX® Bonded (Dangerous Game™ eXpanding) bullets are built to the same profile as corresponding DGS® bullets but expand up to twice their original diameter.



The DGX® Bonded bullet features a flat meplat for straight penetration, maximum energy transfer and devastating results.

CALIBER/ TYPE	375 Cal. DGX® Bonded	400 Cal. DGX® Bonded	416 Cal. DGX® Bonded	423 Cal. DGX® Bonded	45 Cal. DGX® Bonded (450 Nitro Express 3¼")	45 Cal. DGX® Bonded	470 Cal. DGX® Bonded	50 Cal. DGX® Bonded	<b>50 Cal. DGX</b> <sup>®</sup> (505 Gibbs)*
	DGX® Bonded								
TYPE	DGX® Bonded .375"	DGX® Bonded	DGX® Bonded	DGX® Bonded	(450 Nitro Express 3¼")	DGX® Bonded	DGX® Bonded	DGX® Bonded	(505 Gibbs)*
TYPE Diameter	.375" 300 gr.	DGX® Bonded .410"	DGX® Bonded .416"	DGX® Bonded .423"	(450 Nitro Express 3¼") .458"	DGX® Bonded .458"	DGX® Bonded .474"	DGX® Bonded .510"	(505 Gibbs)* .505"
TYPE Diameter Weight	DGX® Bonded .375" 300 gr. .275	.410" 400 gr.	.416" 400 gr.	.423" 400 gr.	(450 Nitro Express 3¼*) .458" 480 gr.	DGX® Bonded .458" 500 gr.	DGX® Bonded .474" 500 gr.	.510" 570 gr.	(505 Gibbs)* .505" 525 gr.
TYPE Diameter Weight Ballistic Coef.	.375" 300 gr. .275 .305	.410" 400 gr. .325	.416" 400 gr. .319	.423" 400 gr. .315	(450 Nitro Express 3¾") .458" 480 gr. .285	DGX® Bonded .458" 500 gr. .295	DGX® Bonded .474" 500 gr. .290	.510" 570 gr. .295	(505 Gibbs)* .505" 525 gr270
TYPE  Diameter  Weight  Ballistic Coef.  Sec. Den.	.375" 300 gr. .275 .305	.410" 400 gr. .325 .340	.416" 400 gr. .319 .330	.423" 400 gr. .315 .319	(450 Nitro Express 3¼") .458" 480 gr. .285 .327	.458" 500 gr. .295 .341	.474" 500 gr. .290 .316	.510" 570 gr. .295 .313	(505 Gibbs)* .505" 525 gr270 .294



## DGS

Hunting the toughest game in the world demands a bullet that's tougher! Featuring a copper-clad steel jacket, the DGS® (Dangerous Game™ Solid) lives up to its name with an advanced profile built of the toughest materials around to penetrate through thick hide, dense muscle and hard bone. The perfect companion to our DGX® Bonded bullet, count on DGS® to deliver maximum stopping power.

#### **WIDE, FLAT NOSE**

DGS® bullets feature a flat nose that delivers maximum energy on impact while resisting deformation and deflection to achieve deep penetration.

#### **COPPER-CLAD STEEL JACKET**

With its copper-clad steel jacket and high-antimony lead core, DGS® maintains integrity and overall weight to drive through the toughest muscle and bone.

#### **UNIFORMITY WITH DGX®**

Follow DGX® Bonded with a DGS® bullet from the same firearm with little to no shift in point of impact thanks to their uniformity in size and shape.

#### **TOUGHER THAN THICKEST HIDES**

The non-expanding DGS® bullet provides maximum penetration from all angles on thick-skinned, heavy-boned animals such as buffalo, elephants, rhinos and hippos.



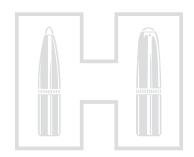
SCAN TO LEARN MORE



Constructed of copperclad steel and a high antimony lead core, the DGS® bullet is tough enough for any dangerous game.



CALIBER/ TYPE	9.3mm DGS®	375 Cal. DGS®	400 Cal. DGS®	416 Cal. DGS®	423 Cal. DGS®	<b>45 C al. DGS®</b> (450 Nitro Express 3¼")	45 Cal. DGS®	470 Cal. DGS®	50 Cal. DGS® (505 Gibbs)	50 Cal. DGS®
Diameter	.366"	.375"	.410"	.416"	.423"	.458"	.458"	.474"	.505"	.510"
Weight	300 gr.	300 gr.	400 gr.	400 gr.	400 gr.	480 gr.	500 gr.	500 gr.	525 gr.	570 gr.
Ballistic Coef.	.280	.275	.325	.319	.315	.285	.295	.290	.270	.295
Sec. Den.	.320	.305	.340	.330	.319	.327	.341	.316	.294	.313
Item #	3565	3727	4103	4167	4241	45033	4507	4748	5051	5155
Box Count	50	50	50	50	50	50	50	50	50	50
Applications	<b>*</b>	<b>*</b>	<b>%</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>		<b>*</b>



## V-MAX $^{\circ}$

A combination of gilding metal jacket, polymer tip and specially designed core puts the "max" in V-MAX.® The industry's leading varmint bullet delivers enhanced accuracy, rapid expansion and dramatic fragmentation at a wide range of distances and velocities.

#### **POLYMER TIP**

The streamlined polymer tip increases the ballistic coefficient and also initiates dramatic expansion upon impact — even at velocities as low as 1,600 fps.

#### **AERODYNAMIC DESIGN**

The bullet's aerodynamic profile results in flat trajectories, high ballistic coefficients and maximum bearing surface for in-flight stability.

#### **SWAGED LEAD CORE**

The lead core includes a cavity under the tip's stem that allows the tip to build up energy before smashing into the core, causing violent fragmentation.

#### **GILDING METAL JACKET**

The concentricity of the match-grade jacket design provides maximum accuracy at all practical ranges, as well as contributing to the bullet's expansion.

#### **EXCEPTIONAL ACCURACY**

By utilizing a swaged lead core and the concentricity of our match-grade AMP® bullet jacket, the V-MAX® provides maximum accuracy at all practtical ranges.































CALIBER/ TYPE	17 Cal. V-MAX®	17 Cal. V-MAX®	20 Cal. V-MAX®	20 Cal. V-MAX®	5.45 Cal. V-MAX®	22 Cal. V-MAX® W/C					
Diameter	.172"	.172"	.204"	.204"	.222"	.224"	.224"	.224"	.224"	.224"	.224"
Weight	20 gr.	25 gr.	32 gr.	40 gr.	60 gr.	35 gr.	40 gr.	50 gr.	53 gr.	55 gr.	55 gr.
Ballistic Coef.	.185	.230	.210	.275	.285	.109	.200	.242	.290	.255	.255
Sec. Den.	.097	.121	.110	.137	.175	.100	.114	.142	.151	.157	.157
Item #	21710	17105	22004	22006/22606	2207	22252	22241/22416	22261/22616	22265	22271/22716	22272
<b>Box Count</b>	100	100	100	100/250	100	100	100/250	100/250	100	100/250	100
Applications											<b>(</b>















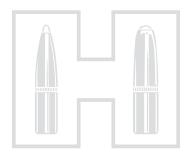








CALIBER/ TYPE	22 Cal. V-MAX®	6mm V-MAX®	6mm V-MAX®	6mm V-MAX®	6mm V-MAX®	25 Cal. V-MAX®	6.5mm V-MAX®	6.8mm/270 Cal. V-MAX <sup>®</sup> W/C	7mm V-MAX®	30 Cal. V-MAX®
Diameter	.224"	.243"	.243"	.243"	.243"	.257"	.264"	.277"	.284"	.308"
Weight	60 gr.	58 gr.	65 gr.	75 gr.	87 gr.	75 gr.	95 gr.	110 gr.	120 gr.	110 gr.
Ballistic Coef.	.265	.250	.280	.330	.400	.290	.365	.370	.365	.290
Sec. Den.	.171	.140	.157	.181	.210	.162	.195	.205	.213	.166
ltem #	22281	22411	22415	22420	22440	22520	22601	22721	22810	23010
<b>Box Count</b>	100	100	100	100	100	100	100	100	100	100
Applications			<b>(</b>		<b>(</b>					



## **NTX**®

Made with a lead-free core material, NTX® bullets provide peerless performance against small game in areas that restrict the use of traditional lead bullets. With its polymer tip, streamlined design and match-grade AMP® jacket, NTX® delivers ultraflat trajectories, maximum accuracy and reliable expansion at all practical ranges.

#### **POLYMER TIP**

The copper-colored polymer tip contributes to the streamlined design of the NTX® bullet, creating straight-line trajectories and initiating expansion upon impact.



Designed specifically for shooting and hunting in areas that restrict lead, this California compatible alternative provides nearinstant expansion and explosive fragmentation.









CALIBER/ TYPE	17 Cal. NTX®	20 Cal. NTX®	22 Cal. NTX®
Diameter	.172"	.204"	.224"
Weight	15.5 gr.	24 gr.	35 gr.
Ballistic Coef.	.115	.170	.177
Sec. Den.	.075	.082	.100
Item #	17016	22000	22240
Box Count	100	100	100
Applications		<b>(</b>	



SCAN TO LEARN MORE

## Traditional Varmint™

Hornady® Traditional Varmint™ bullets have been a varmint hunting favorite for decades. With their lead cores and match-grade copper jackets, our traditional Varmint™ bullets reflect the standard Joyce Hornady established for classic varmint hunting. Mostly spire points with flat bases, these bullets provide flat trajectories, maximum accuracy and explosive expansion, even at low velocities. They perform extremely well in many classic varmint rifles.













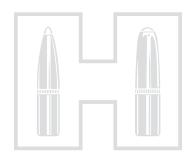








CALIBER/ TYPE	22 Cal. HORNET	22 Cal. HP BEE	22 Cal. SP SX™	22 Cal. SP	22 Cal. SP SX™	22 Cal. SP	22 Cal. SP W/C	22 Cal. SP	6mm BTHP	30 Cal. Short Jacket	30 Cal. SP	30 Cal. SP
Diameter	.224"	.224"	.224"	.224"	.224"	.224"	.224"	.224"	.243"	.308"	.308"	.308"
Weight	45 gr.	45 gr.	50 gr.	50 gr.	55 gr.	55 gr.	55 gr.	60 gr.	87 gr.	100 gr.	110 gr.	130 gr.
Ballistic Coef.	.202	.108	.214	.214	.235	.235	.235	.264	.376	.152	.256	.295
Sec. Den.	.128	.128	.142	.142	.157	.157	.157	.171	.210	.151	.166	.196
Item #	2230	2229	2240	2245	2260	2265	2266/2266B	2270	2442	3005	3010	3020
<b>Box Count</b>	100	100	100	100	100	100	100/6000	100	100	100	100	100
Applications						<b>(</b>				<b>(</b>		<b>(</b>





SCAN TO LEARN MORE

## Sub-X®

Sub-X® bullets were designed to perform below the speed of sound. They still give reliable expansion, deep penetration and high weight retention even at velocities as low as 900 fps. So they're tough on target but tame on noise and recoil. Sub-X® bullets deliver big results without the big bang.

#### **DESIGNED FOR SUBSONIC USE**

When loaded at speeds below 1,100 fps, Sub-X® loads don't have the loud report of most ammunition, and game will never hear it coming.

#### TRULY EXPANDING

Long serrations in the bullet's gilding metal jacket combine with its flat profile and patented Flex Tip® insert to produce reliable expansion even at low velocities.

#### **DEVASTATING IMPACT**

The InterLock® ring keeps the bullet's jacket and lead core together during expansion for deep penetration, 90% or greater weight retention and repeatable results.

#### **VERSATILE PERFORMANCE**

Ideal for hunting, target shooting or plinking, Sub-X® is designed to feed and function in a variety of firearms, including gas system guns. Its cannelured jacket provides positive case crimp for use in semiautomatics.



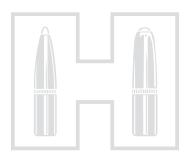
CALIBER/ TYPE	30 Cal. Sub-X <sup>®</sup> (30-30 Win)	30 Cal. Sub-X <sup>®</sup> (300 Blackout)	7.62 x 39mm Sub-X®	35 Cal. Sub-X <sup>®</sup> (350 Legend)	45 Cal. Sub-X <sup>®</sup> (450 Bushmaster)	<b>45 Cal. Sub-X®</b> (45-70 Govt)
Diameter	.308"	.308"	.3115"	.357"	.452"	.458"
Weight	175 gr.	190 gr.	255 gr.	250 gr.	395 gr.	410 gr.
Ballistic Coef.	.300	.437	.365	.265	.300	.285
Sec. Den.	.264	.286	.374	.280	.276	.279
Item #	30718	30730	3148	3503	45031	45052
<b>Box Count</b>	100	100	100	100	50	50
Applications	<b>90</b>	<b>PO</b>	<b>PO</b>	<b>90</b>	<b>P O</b>	<b>P O</b>

# LOADED WITH INFO

Download the Hornady® Reloading mobile app!









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## MonoFlex®

Combining the technologies of CX<sup>™</sup> and FTX<sup>®</sup> bullets, MonoFlex<sup>®</sup> offers another option for lever gun shooters. The copper alloy won't separate, allowing deep

penetration and high weight retention. Plus, it expands reliably even at lower velocities.

#### PATENTED FLEX TIP® DESIGN

Safe for use in tubular magazines, the Flex Tip® initiates expansion upon impact, even at the lower velocities often encountered in lever gun shooting.

#### **COPPER ALLOY CONSTRUCTION**

The copper alloy used in the MonoFlex® bullet coupled with the pressure relieving grooves won't foul or increase chamber pressure.

#### HIGH WEIGHT RETENTION

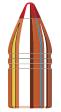
The MonoFlex® bullet retains 95% of its original weight, causing deep penetration and making it ideal for medium to large game.

#### **SECANT OGIVE DESIGN**

The ballistically efficient secant ogive profile delivers the flattest trajectories from lever guns, giving you an edge in medium- to long-range shooting.







CALIBER/ TYPE	30 Cal. MonoFlex® (30-30 Win)	45 Cal. MonoFlex® (45-70 Govt)
Diameter	.308"	.458"
Weight	140 gr.	250 gr.
Ballistic Coef.	.295	.182
Sec. Den.	.211	.170
ltem #	30310	45010
<b>Box Count</b>	50	50
Applications	<b>**</b>	<b>**</b>

## IMPACT VELOCITIES: 30 CAL. 140 GR. MONOFLEX®



2426 fps Retained 136.9 gr. 97.8% Wt. Ret.



1852 fps Retained 138.2 gr. 98.7% Wt. Ret.

## **Traditional & FMJ Rifle**

#### **TOUGH ON IMPACT**

Tough and durable, the AMP® bullet jacket isn't easily distorted and won't break or separate on impact like some thin-plated full metal jackets do.

#### **VERSATILE OFFERINGS**

Offered in popular calibers and weights, Hornady® Traditional and FMJ Rifle bullets are also offered in bulk quantities and make a great option for target practice, varmint hunting or plinking.









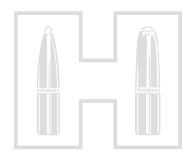








CALIBER/ TYPE	22 Cal. FMJ-BT W/C	22 Cal. FMJ	25 Cal. FP	30 Cal. FMJ-RN	30 Cal. FMJ	30 Cal. HP	30 Cal. FMJ-BT	303 Cal. FMJ-BT	7.62mm FMJ
Diameter	.224"	.224"	.257"	.308"	.308"	.308"	.308"	.311"	.310
Weight	55 gr.	62 gr.	60 gr.	110 gr.	125 gr.	125 gr.	150 gr.	174 gr.	123 gr.
Ballistic Coef.	.243	.274	.101	.178	.250	.320	.398	.470	.266
Sec. Den.	.157	.177	.130	.166	.188	.188	.226	.258	.183
Item #	2267/22671/22672/2267B	22760B	2510	3017/3017B	30196	30192	3037/30371/3037B	3131	3147B
<b>Box Count</b>	100/500/1000/6000	5500	100	100/3000	100	100	100/500/2100	100	2800
Applications		<b>©</b>			<b>©</b>	<b>(</b>	<b>©</b>	<b>©</b>	<b>©</b>



## FTX® Rifle

Faster, flatter, farther — that's the story behind FTX®. The patented Flex Tip® brings the accuracy, power and extended-range performance of a tipped bullet to the classic lever rifle while remaining safe in tubular magazines. Its aerodynamic design achieves accuracy beyond traditional ranges to bring down heavy-bodied game animals.

#### **PATENTED FLEX TIP®**

While contributing to the bullet's aerodynamic shape, the soft tip compresses into the core on impact, initiating expansion across a wide range of velocities. Safe to shoot in tubular magazines and other firearms.

#### **BALLISTICALLY EFFICIENT**

Pioneered by Hornady®, the secant ogive design includes a thinner, tapered front section and extended bearing surface for stability and flat trajectories.

#### **INTERLOCK® RING**

The InterLock® ring mechanically locks the high-antimony lead core and jacket together, causing maximum weight retention and deep penetration on large game.

#### **SPECIALLY ENGINEERED JACKET**

The heavy jacket over the shank of the bullet, combined with our proven InterLock® design, controls expansion and enhances accuracy.





**30-30 cal. 160 gr.** 2250 fps 75% Wt. Ret. .550" Expanded



**338 Marlin 200 gr.** 2450 fps 72% Wt. Ret. .625" Expanded















SCAN TO LEARN MORE

CALIBER/ TYPE	25 Cal. FTX®	7mm FTX®	30 Cal. FTX®	<b>30 Cal. FTX®</b> (30-30 Win)	<b>30 Cal. FTX®</b> (308 Marlin Express)
Diameter	.257"	.284"	.308"	.308"	.308"
Weight	110 gr.	120 gr.	135 gr.	160 gr.	160 gr.
Ballistic Coef.	.340	.320	.274	.330	.395
Sec. Den.	.238	.213	.203	.241	.241
Item #	2542	2812	3027	30395	30396
<b>Box Count</b>	100	100	100	100	100
Applications	<b>@</b>			<b>*</b>	<b>**</b>







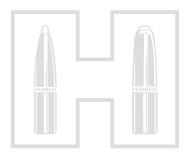








CALIBER/ TYPE	<b>32 Cal. FTX®</b> (32 Win Spl)	338 Cal. FTX® (338 Marlin Exp)	<b>35 Cal. FTX®</b> (350 Legend)	<b>35 Cal. FTX®</b> (35 Rem)	<b>44 Cal. FTX®</b> (444 Marlin)	<b>45 Cal. FTX®</b> (450 Bushmaster)	<b>45 Cal. FTX®</b> (45-70 GOVT)
Diameter	.321"	.338"	.355"	.358"	.430"	.452"	.458"
Weight	165 gr.	200 gr.	165 gr.	200 gr.	265 gr.	250 gr.	325 gr.
Ballistic Coef.	.310	.430	.250	.300	.225	.210	.230
Sec. Den.	.229	.250	.193	.223	.205	.175	.221
Item #	32005	33104	3502	35105	4305	45201	45015
<b>Box Count</b>	100	100	100	100	50	50	50
Applications	<b>*</b>	<b>**</b>		<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>



## FTX® Handgun

The same Flex Tip® technology that revolutionized the performance of lever-action rifles is available for handguns, as well. FTX® Handgun achieves reliable expansion over a wide range of velocities, unlike typical hollow point pistol bullets, which can expand too quickly and sacrifice penetration at higher speeds.

#### **PATENTED FLEX TIP®**

While contributing to the bullet's aerodynamic shape, the soft tip compresses into the core on impact, initiating expansion across a wide range of velocities.

#### **BALLISTICALLY EFFICIENT**

Pioneered by Hornady<sup>®</sup>, the secant ogive design includes a thinner, tapered front section and extended bearing surface for stability and flat trajectories.

#### INTERLOCK® RING

The InterLock® ring mechanically locks the high-antimony lead core and jacket together, causing maximum weight retention and deep penetration on large game.

#### **SPECIALLY ENGINEERED JACKET**

The heavy jacket over the shank of the bullet, combined with our proven InterLock® design, controls expansion and enhances accuracy.



SCAN TO LEARN MORE

#### **IMPACT VELOCITIES:**



**357 cal. 140 gr.** 1500 fps 83% Wt. Ret. .550" Expanded



**44 cal. 225 gr.** 1450 fps 85% Wt. Ret. .625" Expanded





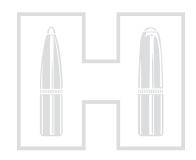








CALIBER/ TYPE	38 Cal. FTX®	44 Cal. FTX®	<b>45 Cal. FTX®</b> (460 S&W Mag)	<b>45 Cal. FTX®</b> (45 Colt)	<b>50 Cal. FTX®</b> (500 S&W Mag)
Diameter	.357"	.430"	.452"	.452"	.500"
Weight	140 gr.	225 gr.	200 gr.	225 gr.	300 gr.
Ballistic Coef.	.160	.150	.145	.140	.200
Sec. Den.	.157	.174	.149	.157	.171
Item #	35745	44105	45215	45218	50102
<b>Box Count</b>	100	100	50	100	50
Applications		<b>P</b> •			



## **XTP**

Designed for hunting and self-defense, XTP® bullets have demonstrated the kind of accuracy competitive shooters count on. Specifically designed to expand at a wide range of velocities, XTP® bullets have built a world-class reputation for stopping power and deep penetration. Its reliability makes it the most popular handgun bullet among both hunters and target shooters.

#### **CONTROLLED EXPANSION**

Precise serrations divide the XTP® into symmetrical sections, initiating expansion even at low velocities. Varying the thickness down the gilding metal jacket helps control expansion and provides an advantage over plated bullets which have a uniform jacket thickness over the entire bullet.

#### **NO EXPOSED LEAD**

The jacket protects the nose of the bullet, so the hollow cavity functions properly on impact, while the uniform core density ensures balanced expansion and in-flight stability.

#### **CANNELURES FOR REVOLVERS**

On revolver bullets, the cannelure helps achieve accurate, consistent crimping. All cannelures are applied before final forming to eliminate any distortions to the finished bullet.

#### **DEVASTATING WOUND CHANNELS**

The XTP® design resists fragmentation to penetrate deeper and hit harder, creating devastating wound channels with expansion up to 1½ times the bullet's original diameter.

#### **IMPACT VELOCITIES:**



.45 cal. XTP® MAG<sup>™</sup> 240 gr. 1852 fps



.45 cal. XTP® 250 gr. 1579 fps



.45 cal. XTP® 300 gr. 1404 fps



SCAN TO LEARN MORE



















CALIBER/ TYPE	30 CAL. XTP®	32 CAL. XTP®	32 CAL. XTP <sup>®</sup>	9MM XTP®	9MM XTP®	9MM XTP®	9MM XTP®	38 CAL. XTP <sup>®</sup>	38 Cal. XTP®	38 Cal. FP-XTP®
Diameter	.309"	.312"	.312"	.355"	.355"	.355"	.355"	.357"	.357"	.357"
Weight	90 gr.	85 gr.	100 gr.	90 gr.	115 gr.	124 gr.	147 gr.	110 gr.	125 gr.	125 gr.
G1 Ballistic Coef.	.115	.145	.170	.099	.129	.165	.212	.131	.151	.148
Sec. Den.	.136	.125	.147	.102	.130	.141	.167	.123	.140	.140
Item #	31000	32050	32070	35500	35540	35571	35580	35700	35710	35730
<b>Box Count</b>	100	100	100	100	100	100	100	100	100	100
Applications	$\bullet \bullet \bullet$	$\bigcirc \bigcirc \bigcirc$								

















CALIBER/ TYPE	38 Cal. XTP®	38 Cal. XTP®	38 Cal. FP-XTP®	38 Cal. XTP®	10mm XTP®	10mm XTP®	10mm XTP®	41 Cal. XTP®
Diameter	.357"	.357"	.357"	.357"	.400"	.400"	.400"	.410"
Weight	140 gr.	158 gr.	158 gr.	180 gr.	155 gr.	180 gr.	200 gr.	210 gr.
Ballistic Coef.	.169	.206	.199	.230	.137	.164	.199	.182
Sec. Den.	.157	.177	.177	.202	.138	.161	.179	.178
Item #	35740	35750	35780	35771	40000	40040	40060	41000
<b>Box Count</b>	100	100	100	100	100	100	100	100
Applications					<b>(a)</b>			<b>O Y O</b>

















CALIBER/ TYPE	44 Cal. XTP®	44 Cal. XTP®	44 Cal. XTP®	44 Cal. XTP <sup>®</sup>	45 Cal. XTP®	45 Cal. XTP®	45 Cal. XTP®	45 Cal. XTP <sup>®</sup>	45 Cal. XTP®
Diameter	.430"	.430"	.430"	.430"	.451"	.451"	.451"	.452"	.452"
Weight	180 gr.	200 gr.	240 gr.	300 gr.	185 gr.	200 gr.	230 gr.	250 gr.	300 gr.
Ballistic Coef.	.138	.170	.205	.245	.139	.151	.188	.146	.180
Sec. Den.	.139	.155	.185	.232	.130	.140	.162	.175	.210
Item #	44050	44100	44200	44280	45100	45140	45160	45200	45230
<b>Box Count</b>	100	100	100	50	100	100	100	100	50
Applications	$\bigcirc \ \ \bigcirc \ \ \bigcirc \ \ \bigcirc$	<b>O?</b>	<b>O?</b>	<b>O?</b>			<b>O Y O</b>	<b>O?</b>	<b>O Y U</b>

## XTP<sup>®</sup> Mag<sup>™</sup>

XTP® Mag™ bullets provide the same controlled expansion, accuracy and dependability as regular XTP®'s, but are built to withstand the higher velocities and impacts from ultra-powerful, magnum handguns.









CALIBER/ TYPE	45 Cal. XTP® Mag	45 Cal. XTP® Mag	<b>50 Cal. XTP® Mag</b> (50 AE)	<b>50 Cal. XTP® Mag</b> (500 S&W Mag)
Diameter	.452"	.452"	.500"	.500"
Weight	240 gr.	300 gr.	300 gr.	350 gr.
Ballistic Coef.	.160	.200	.120	.145
Sec. Den.	.168	.210	.171	.200
Item #	45220	45235	50101	50100
<b>Box Count</b>	100	50	50	50
Applications				





SCAN TO LEARN MORE

## FMJ Handgun

Full metal jacket handgun bullets have long served as a standard for target shooting applications. Hornady® FMJ bullets are built with a rugged jacket and the difference in performance is clear. The thinly plated full metal jacket from other manufacturers is easily distorted and often breaks or separates when the bullet impacts the target. Hornady® FMJ bullets are carefully designed and manufactured to give superior functioning in semi-automatic handguns, and they deliver match-grade accuracy!





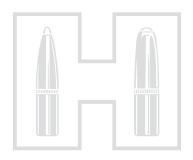








CALIBER/ TYPE	9mm FMJ-RN	9mm FMJ-RN	9mm FMJ-RN	9mm FMJ-RN-BT	10mm FMJ-FP	45 Cal. FMJ-RN
Diameter	.355"	.355"	.355"	.355"	.400"	.451"
Weight	100 gr.	115 gr.	124 gr.	147 gr.	180 gr.	230 gr.
Ballistic Coef.	.115	.140	.145	.212	.164	.184
Sec. Den.	.113	.130	.141	.167	.161	.162
Item #	35527B	35557/355571/35557B	355771/35577B	35597B	40047/400471/40047B	45177/451771/45177B
<b>Box Count</b>	3500	100/500/3000	500/2900	2500	100/500/2000	100/500/1500
Applications						<b>(a)</b>



## HAP

Hornady® refined the XTP® design into the perfect competition projectile. The HAP® (Hornady® Action Pistol) bullet eliminates the serrations that aid in expansion on the XTP® to create a sleek and balanced projectile. Precision-swaged cores and bullet jackets with industry-leading concentricity result in a bullet that delivers accuracy every time.

#### **SLEEK AND ACCURATE**

Expansion isn't an issue in action pistol shooting, so we removed the expansion-aiding skives. The result is a bullet that delivers the accuracy its sleek appearance promises.

#### NO EXPOSED LEAD

A jam can cost the match for a competitive shooter, and that's why our copper jacket protects the nose of our HAP® bullet.

#### **SWAGED CORE**

The core of the HAP® bullet is cold swaged from pure lead to deliver consistency, balance and stability in flight, resulting in the pinpoint accuracy competition shooters rely on.

#### **GILDING METAL JACKETS**

The gilding metal jacket ensures smooth feeding while its concentricity improves accuracy.



SCAN TO LEARN MORE





#### HARRISON WINS 25TH NATIONAL TITLE

Team Hornady® sponsored shooter **Jessie Harrison** won her 25th national title in 2023 using HAP® (Hornady Action Pistol) bullets. She won the Ladies Limited Optics Division at the Sig Sauer Handgun National Championships on Oct. 4-8 in Marengo, Ohio, shooting 9mm 125 gr. HAP® bullets in her 38 Super Comp. "The HAP bullets are amazingly accurate and were a vital component in securing my 25th USPSA national title," she said.







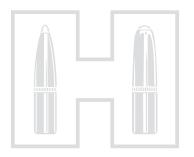








CALIBER/ TYPE	9mm HAP®	9mm HAP®	10mm HAP®	10mm HAP®	45 Cal. HAP®	45 Cal. HAP®	45 Cal. HAP®
Diameter	.355"	.356"	.400"	.400"	.451"	.451"	.451"
Weight	115 gr.	125 gr.	180 gr.	200 gr.	185 gr.	200 gr.	230 gr.
Ballistic Coef.	.129	.158	.164	.199	.139	.151	.188
Sec. Den.	.130	.141	.161	.179	.130	.140	.162
Item #	355281/35528B	355721/35572B	400421/40042B	40061B	45105B	45159B	451611/45161B
<b>Box Count</b>	500/3000	500/3000	500/1900	1800	1900	1800	500/1500
Applications	•	<b>©</b>	<b>©</b>	•	•	•	•



## Frontier® Lead

Frontier® Lead bullets represent the perfect blending of Western authenticity and Hornady® quality. Our Cowboy™ bullets are built to SASS (Single Action Shooting Society) specifications while being held to the same stringent production standards as all of our products. Our lead pistol bullets are pre-lubricated and cold swaged for total uniformity and balance.

#### **CLASSIC AND CONVENTIONAL DESIGNS**

Traditional conical and flat designs achieve perfect symmetry when combined with knurling on the bearing surface of the bullet, delivering increased stability and accuracy.

#### SPECIAL KNURLING SYSTEM

Our exclusive knurling system retains an even distribution of lubricating wax over the entire bearing surface of the Cowboy™ bullet, resulting in less leading in the barrel.







SCAN TO LEARN MORE

#### Crimp-On Gas Checks





If you cast your own bullets, our crimp-on gas checks will enhance their performance. During sizing, the gas check crimps to the base of cast lead bullets to seal gasses and protect the base from deformation. **Hornady®** gas checks are the only real choice for bullet casters. (1000 per box)

22 Cal #7010	270 Cal #7050	32 Cal. (8MM) . #7080	375 Cal #7120
6MM #7020	7MM Cal #7060	338 Cal #7090	416 Cal #7125
25 Cal #7030	30 Cal #7070	35 Cal #7110	45 Cal #7140
6.5MM #7040			





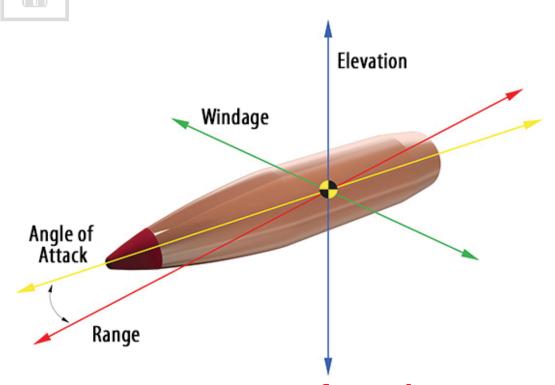






CALIBER/ TYPE	38 Cal. HBWC	38 Cal. SWC	38 Cal. SWC-HP	38 Cal. LRN	45 Cal. FP COWBOY™
Diameter	.358"	.358"	.358"	.358"	.454"
Weight	148 gr.	158 gr.	158 gr.	158 gr.	255 gr.
Ballistic Coef.	.047	.135	.139	.159	.117
Sec. Den.	.165	.176	.176	.176	.177
Item #	10208	10408	10428	10508	12458
<b>Box Count</b>	250	300	300	300	200
Applications		<b>() ()</b>	<b>(</b> ) <b>(</b> )		

## Hornady® 4DOF® Ballistic Calculator



## Four Degrees of Freedom

Why compare the flight of your bullet to a standard G1 or G7 projectile when you can use your own projectile as the standard?

Most ballistic calculators consider three degrees of freedom: windage, elevation, and range. The Hornady® Ballistic Calculator with 4DOF® (Four Degrees of Freedom) also incorporates the projectile's movement about its center of gravity and angle relative to line of flight.

Its trajectory solutions are based on projectile drag coefficient (not ballistic coefficient), along with exact physical modeling of the projectile, its mass and aerodynamic properties. It also correctly calculates aerodynamic jump, a bullet's vertical shift as it encounters a crosswind.

Using Doppler radar, Hornady engineers calculated exact drag versus velocity curves for each bullet in the database, making the 4DOF® calculator more accurate at longer ranges than BC-based systems or custom drag curves with limited data.

New in-app features give shooters the edge.

#### **GROUP ANALYSIS:**

Allows users to capture group analytics such as raw group size, group size in MOA, mean radius, and group mean point of impact distance from point of aim. Analyzed targets can be saved, shared, and used to set rifle zero angle.

#### **SHARE PROFILE:**

This feature lets the user share their exact favorite profile with another 4DOF® user.

#### **RANGE CARD:**

Lets the user input target and environmental data for an infinite number of targets and then allows the shooter to view trajectory solutions quickly for each.

Find the free Hornady® Ballistic Calculator with 4DOF® at hornady.com/4dof or download from the Apple or Android app stores.



#### FREE BALLISTIC APP WITH 4DOF®

The free Hornady Ballistic Calculator App includes the advanced 4DOF® calculator as well as a standard BC calculator. Providing more accurate trajectory solutions, the 4DOF® calculator incorporates the projectile's movement in the standard 3 degrees but also adds its movement about its center of gravity and subsequent angle relative to its line of flight, which is the fourth degree of freedom.

- Calculates more accurate trajectories, especially at extreme ranges
- Can be used without wireless connectivity
- Pre-populated with long range match and hunting style bullets

Using Doppler radar, Hornady engineers measured exact drag versus velocity curves for each bullet in the 4DOF® database. Combined with the physical attributes of the projectiles, the 4DOF® calculator is simply more accurate for long-range hits than using BC-based systems or drag curves based on limited data collection points.

The Hornady® 4DOF® Ballistic Calculator is free to use and available at hornady.com/4dof, or download the app from the Apple or Android app stores.

#### Search App Store or Google Play





#### KESTREL® 5700 BALLISTICS WEATHER METER WITH HORNADY® 4DOF®

The Kestrel with Hornady 4DOF is a comprehensive, weather-proof ballistics meter built for unprecedented accuracy and uncompromising performance even in harsh environments. Whether you're up in the mountains, down in the mud or competing in a match, count on the Kestrel to keep working alongside you despite any challenging outdoor conditions.

#### **EXTREMELY RUGGED AND DURABLE**

Kestrel meters are waterproof, dust proof and drop-tested to military standards.

#### **EASY OPERATION FOR OUTDOOR USE**

Large buttons make it easy to navigate screens and input information even with gloves on. The bright, clear backlit display is readable in direct sunlight or low light situations.

#### **LONG-LASTING POWER**

Powered by one AA lithium battery, expect hundreds of hours of use for a reliable tool that won't quit when you need it most.

For more information and to purchase, go to hornadykestrel.com





At Hornady<sup>®</sup>, we make great ammunition for almost every situation. Just take it out of the box, load it in your firearm and shoot. **So why would anyone want to load their own?** 

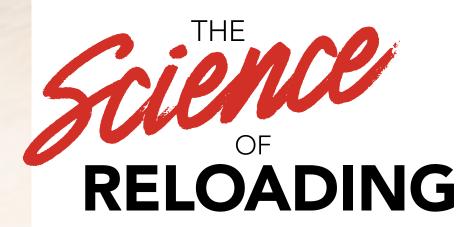
There are almost as many answers as there are reloaders, but chief among them are economy, accuracy and personal satisfaction.

By reloading, you can significantly **reduce the cost** of your ammunition.

Not only can you shoot more, but you can also **shoot better**. Today's factory loads are designed to work well in a variety of firearms. Reloaders can tailor their ammunition to fit their rifle, handgun or shooting conditions, giving them an edge in accuracy.

Then there's the sense of accomplishment reloading brings. You can learn which bullet weights and powders get the best performance from your firearm. You can experiment with wildcat loads or loads for that vintage rifle.

By using the Hornady® Ballistic Calculator, you can compare performance from one cartridge to another for the best results.



#### What you'll need to get started:

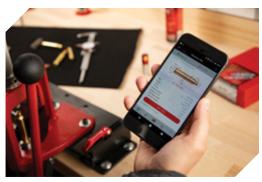
1 PRESS

Begin with one of our dependable single-stage presses, or step up to the auto-indexing, five-station Lock-N-Load® AP™.

- ② SHELL HOLDER OR SHELL PLATE
  Choose precision-machined shell holders for our singlestage presses or smooth-functioning shell plates for the AP™.
- 3 RELOADING DIES

  Hornady® Custom Grade™ and Match Grade™ reloading dies are guaranteed never to break or wear out from normal use.
- 4 POWDER SCALE
  Hornady® offers everything from the basic Balance Beam
  Scale to more sophisticated electronic scales.
- 5 POWDER MEASURE
  Dispense charges of .5 to 265 grains for small pistol cartridges to large magnums with Hornady® powder measures.
- **6** RELOADING MANUAL

The Hornady® Handbook of Cartridge Reloading is the ultimate resource for beginning and seasoned hand loaders. It is available in hardcover, mobile app, Kindle and Apple Books.



- 7 COMPONENTS
  Cases, bullets, powder, primers.
- (8) CALIPERS

  For measuring inside, outside, depth and step.







### The foundation of Hornady® ammunition

At Hornady®, brass is the foundation for what could be the most memorable shot of your lifetime. We produce our cases in smaller lots and take extra time and care to ensure they meet strict quality standards.

Our cases offer reloaders excellent uniformity in wall thickness and internal capacity. We measure for consistently tight wall concentricity and even run our cases through a pressure calibration test to ensure uniform case expansion during firing. Our cases allow proper seating of the bullet not only in the case but in the chamber as well. High-quality brass is a substantial contributor to consistent charges and pressures.

#### Rifle Cases

DESCRIPTION		ITEM #	QTY
17 Hornet		8611	50
204 Ruger		8604	50
22 Hornet		8602	50
218 Bee		8601	50
222 Rem		8600	50
223 Rem*		8605	50
22 ARC	NEW	86162	50
224 Valkyrie*		8618	50
22-250 Rem*		8610	50
22 Creedmoor		8619	50
220 Swift		8615	50
6mm ARC		86287	50
243 Win*		8620	50
6mm Rem		8622	50
6mm Creedmoor*		86280	50
25-35 Win		86101	50
250 Savage		86105	50
25-06 Rem*		86251	50
6.5 Grendel*		86283	50
6.5x55		86263	50
260 Rem		8632	50
6.5 Creedmoor*		86281	50

DESCRIPTION	ITEM #	QTY
6.5-284	8628	50
6.5 PRC	86288	50
26 Nosler	86289	20
6.8mm Rem Spc*	8629	50
270 Win*	8635	50
270 WSM	8637	50
7mm-08 Rem*	8646	50
280 Rem	8638	50
7mm Rem Mag*	8640	50
7mm WSM	8639	50
7mm PRC	86404	50
28 Nosler	86424	20
7mm STW	8643	50
30 Carbine	8650	200
300 Blackout*	86751	50
30-30 Win*	8655	50
308 Marlin Exp	8662	50
308 Win*	8661	50
30-40 Krag	86627	50
30-06 Sprg*	8665	50
300 H&H Mag	86725	50
300 WSM	86701	50

DESCRIPTION	ITEM#	QTY
300 Win Mag*	8670	50
300 Wby Mag	8672	50
30 Nosler	86706	20
300 PRC	8654	50
7.62x39	8664	50
338 RCM	86831	50
350 Legend	87296	50
35 Rem	8729	50
35 Whelen	87291	50
375 FL Mag Nitro Exp	86747	20
375 H&H Mag	8685	50
416 Ruger	86871	50
416 Rem Mag	86874	50
416 Rigby	8687	20
500-416 Nitro Express 31/4"	86871	50
444 Marlin	8692	50
450 Bushmaster	86935	50
45-70 Govt	8784	50
458 Lott	8697	50
50 BMG Match Grade	8772	20

#### **Pistol Cases**

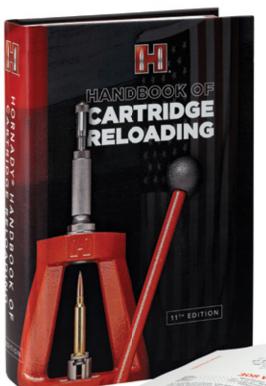
DESCRIPTION	ITEM#	QTY
9mm Luger*	8720	200
40 S&W*	8742	200
44 Rem Mag	8750	100

DESCRIPTION	ITEM #	QTY
45 Auto*	8760	100
45 Colt	8780	100
454 Casull	8785	100

DESCRIPTION	ITEM #	QTY
460 S&W Mag	8786	50
475 Linebaugh	8787	100
500 S&W Mag	8790	50

<sup>\*</sup>Also available in bulk quantities.

## Reloading Manual and App



## 11TH EDITION HORNADY® HANDBOOK OF CARTRIDGE RELOADING

The 11th Edition Handbook of Cartridge Reloading includes the latest Hornady bullets, along with new cartridges, powders and more. It is filled with handloading techniques, bullet information and reloading data – it's a one-stop shop for support of Hornady component bullets.

New cartridges include the latest efficient and accurate Hornady developments like the 6mm ARC, match-winning 6mm Creedmoor and high-powered 6.5 PRC and 300 PRC.

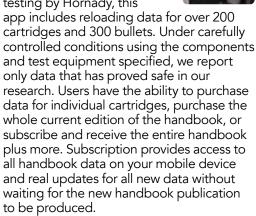
#### **FEATURING**

- Over 1,000 pages of reloading data, techniques and bullet information.
- 200+ different calibers featuring a variety of loads using Hornady® bullets.
- An impressive lineup of new and expanded data that incorporates new powders, new bullets like the A-Tip<sup>®</sup> Match and new additions in the ELD-X<sup>®</sup>, ELD<sup>®</sup> Match, GMX<sup>®</sup>, FTX<sup>®</sup>, Sub-X<sup>®</sup> and more.
- New cartridge additions like the 6mm ARC, 6.5 PRC, 300 PRC, 224 Valkyrie, 350 Legend and 28 Nosler.
- Well over 1,500 load combinations were shot to update and expand the reloading pages in this edition.

No. 99241

#### HORNADY® RELOADING GUIDE APP

Derived from extensive testing by Hornady, this











#### Search App Store or Google Play





## Lock-N-Load® Iron Press®

The Lock-N-Load® Iron Press® is the most advanced single-stage press Hornady offers. Its rugged cast-iron frame makes it the heaviest, most rigid press in its class. Featuring superior strength with ambidextrous design, a patented shell holder platform, and the quick change Lock-N-Load® bushing system, the Iron Press® provides an efficient and enjoyable reloading experience for the both the novice and seasoned handloader.

Lock-N-Load® Iron Press® Loader with Manual Prime

No. 085520

Lock-N-Load® Iron Press® Auto Prime System Upgrade

No. 085570



#### LOCK-N-LOAD® IRON PRESS® FEATURES:

#### SUPERIOR STRENGTH WITH AMBIDEXTROUS DESIGN

Industry-leading strength comes from the 1-1/8" solid steel ram, and a heavy duty spring returns the press to a neutral position for ease of use. An interchangeable handle offers ambidextrous functionality.



## PATENTED SHELL HOLDER PLATFORM

The Iron Press® loader, with its patented shell holder platform, allows handloaders to deprime, pause and remove the case to chamfer and deburr, etc., then easily replace and prime.



#### LOCK-N-LOAD® BUSHING SYSTEM

Incorporating our patented Lock-N-Load® bushing system, changeovers are lightning fast.



#### Lock-N-Load® Iron Press® Accessories:



## POWDER MEASURE ATTACHMENT

This metal bracket attaches to the Iron Press® and holds your Powder Measure in place for convenient use.

Powder Measure Attachment No. 399694



#### **AUTOMATIC PRIMING SYSTEM**

The gravity fed Automatic Priming System helps increase reloading efficiency by allowing more processes to happen simultaneously. Sold separately or with the Kit.

No. 085570



#### **IRON PRESS® DIE CADDY**

The optional die caddy provides storage for dies, as well as mounting points for cutting tools and component bins to hold bullets, cases, or loaded rounds.

Iron Press® Die Caddy No. 399683





#### Lock-N-Load® Classic™ Press

Includes Primer Catcher and three Lock-N-Load® Die Bushings. Dies, Shell Holders and Auto Primer Feed sold separately. No. 085001

#### **FEATURES**

(A) LOCK-N-LOAD® QUICK CHANGE BUSHING SYSTEM

Lock-N-Load® bushings not only let you switch from one die to another in a matter of seconds, they also offer the guickest and easiest die setup on the market. Just set the die and tighten the Sure-Loc™ ring on the Lock-N-Load® bushing. Quickly remove and reinstall without the need to readjust the die or keep a separate seater die for each of your pet loads.

(B) EASY GRIP HANDLE

Large, ball-style grip reduces fatigue. The long handle increases leverage and reduces effort.

(c) POWER-PAC LINKAGE AND SOLID STEEL ARMS

Arms rotate on steel pins that run completely through the cast frame. The Power-Pac linkage design multiplies the leverage you apply to the handle, making it easier to size cases and reduces user fatigue.

(D) STRONG ANGLED FRAME

This high strength alloy frame offers the rigidity and stability needed for precision reloading, and is never going to break or fail. The frame's unique angle gives the reloader greater visibility and easier access to the cartridge in the press.

(E) POSITIVE PRIMING SYSTEM™ (PPS)

Once the spent primer ejects at the top of the stroke, you can add a new primer to the PPS and it self-aligns to feed and insert the primer at the bottom of the stroke where leverage is best. Our self-aligning primer arm also allows for easy manual inserting of primers without having to raise the handle. All the work is done at the bottom of the stroke. Works easier than ram prime units and much better than old style primer arms. Small and large punch included.

**AUTOMATIC PRIMER FEED (OPTIONAL)** 

Includes both large and small primer tubes. Use with our Positive Priming System<sup>™</sup> and there's no more fumbling with primers priming is 100% hands off. Sold separately. No. 070905



(1) L-N-L® Impact Bullet Puller

Remove bullets from cartridges without damaging the bullets. Hollow head of bullet puller captures bullet and powder for reuse. Three collet sizes allow for use with cartridges from .22 up to .45 caliber. Collets are stored inside the handle.

No. 050092

#### **Loading Blocks**

The universal size holds 50 cases and fits 223, 308 and magnum case size heads. The magnum size holds fifty 50 caliber cases or shotgun shells.

- (2) Magnum Loading Block No. 480042
- (3) Universal Loading Block No. 480040
- (4) One Shot® Case Lube

One Shot® Case Lube with DynaGlide Plus® technology is a micro-penetrating high pressure dry film. It contains no petroleum, teflon or other synthetic silicone so it will not contaminate powder or primers.

No. 9991 5 oz. Aerosol 10 oz. Aerosol No. 99913

Deluxe ID/OD Chamfer/ **Deburr Tool** 

No. 050117

(6) Powder Trickler

Trickle the last few tenths of a grain of powder into a dropped and weighed charge for "0" variation.

No. 050100

(7) G3-1500 Electronic Scale

This compact, battery operated trickle-compatible scale offers a maximum reference measurement of 1500 grains. Features a precision load cell with 1/10th grain accuracy and constant readout up to 500 grains, offering the flexibility to trickle powder into the pan or weigh charges, bullets or cases directly.

No. 050104

(8) Powder Funnel

Anti-static funnel fits all calibers between 22 and 45. Squared rim design won't roll off the table.

No. 586051 17 Cal. Adapter No. 586055

(9) Handheld Priming Tool

One-piece primer tray with integral molded primer bushings eliminate the need for separate bushings. Ergonomic design reduces fatique. Designed for easy changeovers, shell holders and primer trays can be changed without removing the spring and punch. Includes tray for RCBS® shell holders.

No. 0500021

(10) Dial Caliper

Stainless steel construction with shockresistant dial is accurate to +/- 0.001". Measures inside, outside, depth and step. Slide may be locked in any position for precise measurements. Thumb wheel aids in easy opening and closing. Includes plastic storage case.

No. 050075 (inches)

1-800-338-3220 | hornady.com

(11) Lock-N-Load® Straight O.A.L. Gauge See page 125.

No. C1000

(12) Universal Shell Holders

Wide mouth and rounded edge at the opening allow smoother case insertion. A single shell holder may be used for multiple calibers. (See chart on pages 162-169.)

(13) 3-Pack Die Bushings

Save time with the Lock-N-Load® quick change bushing system.

No. 044093

(14) Sure-Loc™ Lock Rings

Make precise adjustments of all standard 7/8"-14 dies and accessories. Clamps around the whole die and won't damage the threads. See page 132 for more information.

No. 044606

(15) Fast Load Powder Measure Stand

Features a rigid frame and extra long arm that lets you fill an entire 50-count Universal Loading Block. The Lock-N-Load® bushing system accommodates any measure with 7/8"-14 thread.

No. 050008

(16) Pistol Rotor & Standard Metering Insert

This pistol rotor features a smaller chamber for more precise metering of charge weights between .5 and 17 gr.

No. 050128

Deluxe Die Wrench

See page 132. No. 396495

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# Lock-N-Load® AP™

#### Lock-N-Load® AP™

The Hornady® Lock-N-Load® AP™ press is a professional grade, auto indexing, 5-station progressive press that features the Lock-N-Load® bushing system, as well as a host of other features that make it more intuitive and better-equipped for all your reloading needs.

No. 095100

ALL YOU NEED ARE DIES AND SHELL PLATES TO START LOADING WITH YOUR AP™!

See pages 162-169.



## QUICK CHANGE LOCK-N-LOAD® BUSHING SYSTEM

Lock-N-Load® AP™ has a 5-station quick change bushing system that allows quick and easy change overs from one caliber to another.



#### QUICK CHANGE METERING INSERTS

The Lock-N-Load® powder measure uses quick change metering inserts that allow you to switch from one powder to another with the push of a button. Add one to each die set for the ultimate in quick change overs.



SEE HOW IT WORKS

AT HORNADY.COM

105



RELIABLE EZ-JECT™ SYSTEM

Ensures reliable ejection of cartridges every time, without any adjustments.



UNIVERSAL CASE RETAINER SPRING

Allows quick and easy removal or insertion of cases at any point in the loading process.



#### **PRIMING SYSTEM**

Change from large to small primers in three easy steps:

- 1. Change the primer seater punch.
- 2. Change the primer shuttle.
- 3. Change the primer feed tube.



CASE ACTIVATED POWDER DROP

Dispenses a powder charge only when a cartridge case is present.



## AUTOMATIC INDEXING

Each station moves half a stage on the down stroke and half on the up stroke, making for ultra smooth functioning. This process is much smoother than presses that do all their indexing on the down stroke.



## LARGE CAPACITY CARTRIDGE CATCHER

A large capacity catcher comes standard with the Lock-N-Load® AP™ Press and is also sold separately. An extra large capacity catcher is available as an option.

No. 480038

Lock-N-Load® Ammo Plant®

# Turn your progressive press into a bench-mounted ammo factory!

This kit represents the ultimate reloading setup for maximum production in shorter sessions.

#### **INCLUDES:**

- Lock-N-Load® AP™ Press
- Lock-N-Load<sup>®</sup> AP<sup>™</sup> Pistol Bullet Feeder
- Lock-N-Load<sup>®</sup> AP<sup>™</sup>
   Case Feeder
- Lock-N-Load<sup>®</sup> Powder Measure
- Lock-N-Load® Die Bushing 10 pack
- Cartridge Bins (x3)
- Large Primer Pickup Tubes (x3)
- Small Primer Pickup Tubes (x3)
- Primer Slide Spring (x2)
- Pistol Metering Insert and Rotor
- Rifle Metering Insert and Rotor
- Powder Cop

- Deluxe Die Wrench
- Case Activated Powder Drop
- Vintage Tin Sign
- Deluxe Spent Primer Catcher

#### No. 095160

Complete your reloading experience by choosing a caliber and these essential tools (sold separately):

- Die Sets
- Bullet Feeder Die
- Shell Plates
- Case Feeder Plates

See charts on pages 162-169 for listings.

1-800-338-3220 | hornady.com



## Lock-N-Load® AP™ Accessories







The case-activated Rifle Bullet Feeder is also compatible with the Dillon model XI 650. See more at hornady.com

#### Rifle Bullet Feeder

Turn your progressive reloading press into a bench mounted ammo factory! Sold as a complete unit for 22 caliber bullets. We also offer a conversion kit for 30 caliber bullets, giving the reloader the versatility to load the two most popular calibers. Plus, it's compatible with other presses and uses the industry standard 7/8"-14 die threads (30 Cal. Conversion Kit sold separately).

Coupled with the Lock-N-Load® Case Feeder, you'll realize dramatic increases in efficiency and reloading speed — up to 50% faster (depending on experience and proficiency).

The Bullet Feeder Die is case activated; the bullet will only feed upon contact with the case. A single station is used to feed, seat, and crimp the bullet.

Rifle Bullet Feeder (22 Cal.) No. 095340

30 Cal. Conversion Kit No. 095345

Note: The Rifle Bullet Feeder System must be purchased separately from the Hornady® Pistol Bullet Feeder because the hopper systems and die bodies are not compatible. Cast lead bullets cannot be used in any Hornady® bullet feeders.





#### Pistol Bullet Feeder

The Lock-N-Load® Pistol Bullet Feeder is designed for the Lock-N-Load® AP™ but can be used with any other press using 7/8"-14 die threads, and requires an open station. Coupled with the Lock-N-Load® Case Feeder (sold separately), you'll realize dramatic increases in efficiency and reloading speed. (Up to 50% faster!)



Pistol Bullet Feeder does not work with lead or plated bullets.

The easy-feed bullet hopper holds up to 200 pistol bullets and features an adjustable center plate and bullet feed wipers to ensure smooth feeding.

No. 095320

#### Pistol Bullet Feeder Dies

(NEEDED FOR LOCK-N-LOAD® **BULLET FEEDERS**)

Bullet Feeder Dies are case activated – a bullet will only feed upon contact with a case. The collets are precision machined of solid steel for each caliber.

PISTOL	ITEM
380 Auto/9mm Luger	095330
38 Spl/357 Mag	095331
40 S&W/10mm Auto	095332
44 Spl/Mag	095333
45 Auto (.451/.452)	095334



#### Lock-N-Load® Case Feeder

With our high volume Lock-N-Load® Case Feeder, the Lock-N-Load® AP™ just got faster. It has the highest torque motor in the industry and an extra large case bowl that makes it possible to load over 500 rounds of high quality ammunition per hour, depending on experience and proficiency. The Lock-N-Load® Case Feeder comes complete with everything you need except the case feeder plates, which are sold separately. (See charts on pages 162-169.) No. 095300



#### ADAPTS TO YOUR LOCK-N-LOAD® AP™ PRESS

The Case Feeder bolts to Lock-N-Load $^{\tiny{\textcircled{\scriptsize 0}}}$  AP $^{\tiny{\textcircled{\scriptsize 1}}}$  presses with serial number 7000 and higher. For serial numbers below 7000, we offer a sub-plate conversion kit.

For details, give us a call at 1-800-338-3220. (Not compatible with the Projector<sup>™</sup> press.)

#### CHANGE OVERS ARE EASY

Changing the Lock-N-Load® Case Feeder from one cartridge to another is quick and simple. Change overs typically take about 5 minutes.

#### **FEEDS EVERY CARTRIDGE**

If Hornady® makes a standard shell plate for it, the cartridge will also feed through the hopper.

#### FAIL-SAFE CASE SLIDE MECHANISM

Slotted cam wire fixture prevents damage from misfed cases or incorrectly adjusted shuttle.

#### **CARTRIDGE ADAPTORS INCLUDED**

The Case Feeder comes with six cartridge adaptors to ensure proper feeding of your cases into the shell plate. The instructions include a V-Block usage chart so there's no guessing about which adapter to use.

#### **Case Feeder Plates**

Sold separately.

See charts on pages 162-169.



**Small Pistol** No. 095310



**Large Pistol** No. 095312



**Small Rifle** No. 095314



Large Rifle No. 095316

## Lock-N-Load® AP™ Accessories

#### Powder Through™ Expanders

Powder Through™ Expanders (PTX™) are designed to work in conjunction with the Case Activated Powder Drop. These Expanders eliminate

the need for a separate case mouth expander die on the Lock-N-Load® AP<sup>™</sup> press, freeing up an extra station for a taper crimp die or powder cop. The Expanders work for lead, plated and jacketed bullets.



Caliber	Bullet Dia.	PTX™ Item No.
308	.308"	290050
9mm	.355356"	290030
357	.357359"	290031
10mm	.400401"	290032
44	.429430"	290033
45 Auto	.451452"	290034
45 Colt	.452454"	290036
475	.475476"	290037
50	.500501"	290038

#### PTX™ Powder Measure Stop

This component is an add-on to your Case Activated Powder Drop that allows the reloader to adjust the flare on cases utilizing the top and bottom adjustment screws.

#### No. 290049

(Comes standard with new AP<sup>™</sup> presses and Case Activated Powder Drop)

#### Hornady® Powder Cop

Install on your progressive press after the powder drop station to automatically check dropped charges. Checking powder charges on your progressive press can be difficult, and is sometimes ignored, even though it's a smart practice. Hornady® uses a similar device on our own ammo manufacturing presses. It won't replace careful attention, but helps monitor the reloading process. Works with 22 cal and larger cartridges.

# No. 050063







Over Charge

Under Charge

#### Ouick Change Powder Die

Designed specifically for use with the Case Activated Powder Drop (#050073), this accessory makes changing over your Lock-N-Load® AP™ faster and easier than ever! Includes lower bracket with guide bushing and lock ring. Our Powder Through™ Expanders (left) are compatible with the Quick Change Powder Die.

No. 050074

#### Case Activated Powder Drop

Engineered with quick changeovers in mind, the case activated powder drop only dispenses a powder charge when a case is present. Designed for the Lock-N-Load® AP™ but will work in any progressive press that uses 7/8"-14 threads.

Not compatible with Blackpowder Measure.

No. 050073

.17 cal. Powder Sleeve (sold separately)

No. 392703





#### Lock-N-Load® AP™ Primer Pocket Swage Tool

Quickly and cleanly removes crimps on cartridge case primer pockets. Designed to be used on the Lock-N-Load® AP™ press, the Primer Pocket Swage Tool comes with shell plate and dies for feed, swage, and eject to make your job easier.

Swage depth can be adjusted to accommodate various case brands. Swaging out the crimps on primer pockets instead of cutting them eliminates trimmings and mess.

223/5.56 No. 041217 308/7.62x51 No. 041218





#### **Powder Funnel Die**

For ultra precision on the AP™ press, this die allows handloaders to trickle and weigh each individual powder charge. Includes two insert bushings that accommodate cases from .22 to .50 caliber.



No. 095360



#### Lock-N-Load® AP™ Tool Caddy

Improve efficiency and convenience by storing frequently used tools directly on your AP™ press. Install the bracket and caddy on either side of the press and rotate to the desired position. Then, insert supplied tools, including three combination wrenches, four hex wrenches, needle nose pliers, and a Hornady® Deluxe Die Wrench, for quick access and efficient organization.

No. 095140

#### Universal Accessory Bin and Bracket

The swiveling base of this cartridge bin bracket allows for adaptability on the Lock-N-Load® AP™ and Classic™ Presses. Use it to conveniently store finished rounds.



No. 399692



#### **Shell Plates**

The subtle radius of each shell holder mouth ensures smooth and reliable functioning. The retainer spring is designed to stay in place when inserting cases into the shell plate. To determine the shell plate required for your application, please refer to the chart on pages 162-169. A single shell plate may be used for multiple calibers.

#### SEE SIZING CHART ON PAGES 162-169.

(Custom plates are also available.)



#### Lock-N-Load® Die and Conversion Bushings

Simply thread a Hornady® Lock-N-Load® Conversion Kit into your RCBS® Rock Chucker or other reloading press using a 1¼"-12 thread, and you're ready to start using the Lock-N-Load® System. It's the easiest way to get the most out of your reloading press. These bushings let you take advantage of Hornady's® Lock-N-Load® technology even if you own a competitor's reloading press. The Lock-N-Load® Conversion Kit includes three Lock-N-Load® bushings and one conversion bushing.

## Lock-N-Load® Press Conversion Bushings No. 044095

(2-pk.) Die Bushings No. 044094

(3-pk.) Die Bushings No. 044093

(10-pk.) Die Bushings No. 044096

Lock-N-Load® Conversion Kit No. 044099



#### Lock-N-Load® AP™ Deluxe Spent Primer Catcher

Fits the Lock-N-Load® AP™ Press. Decapped primers drop into the tube and travel to the bottle, where they can be collected for future disposal.

# Reloading Kits





#### Lock-N-Load® Classic™ Kit

Perfect for the reloading novice, this kit offers everything you need to get started. (Reloading dies and shell holders sold separately.)

#### No. 085003

#### **INCLUDES:**

- Lock-N-Load® Classic™ single stage press
- Lock-N-Load® Powder Measure
- Digital Scale
- Three Lock-N-Load® Die Bushings
- Primer Catcher
- Positive Priming<sup>™</sup> System
- Handheld Priming Tool
- Universal Reloading Block
- Chamfering and Deburring Tool
- Powder Trickler and Funnel
- One Shot® Case Lube
- Hornady® Handbook of Cartridge Reloading

#### Lock-N-Load® Classic™ Kit Deluxe

In addition to everything you receive in the Classic<sup>™</sup> Kit, the Deluxe Classic<sup>™</sup> Kit includes shell holders in the most popular sizes, bushings and Sure-Loc<sup>™</sup> rings, as well as some other handy tools.

#### No. 085010

#### **INCLUDES:**

- Lock-N-Load<sup>®</sup> Classic<sup>™</sup> Kit contents
- Sure-Loc™ Lock Ring 6 Pack
- Powder Measure Stand
- Shellholders 1,2,5,16,35
- Kinetic Bullet Puller
- Lock-N-Load® OAL Gauge (Straight)
- Vintage Tin Sign
- Pistol Rotor & Metering Assembly
  Steel Dial Caliper





#### Lock-N-Load® Precision Reloaders Kit

Designed to help you produce the most accurate reloads possible, the Lock-N-Load® Precision Reloaders Kit includes tools and gauges that allow the user to fine-tune the reloading process. This time and moneysaving kit helps precision reloaders check for bullet runout, head spacing and overall consistency of round-to-round production.

#### No. 095150

#### **INCLUDES:**

- Concentricity Tool
- Cam Lock<sup>™</sup> Trimmer
- Cam Lock<sup>™</sup> Power Adapter
- Lock-N-Load® OAL Gauge Curved
- Lock-N-Load® Case Prep Trio
- Steel Dial Caliper
- Lock-N-Load® Comparator Set
- Lock-N-Load® Comparator Headspace Kit

#### Lock-N-Load® 50 Cal BMG

Reload your own 50 BMG rounds with accuracy and precision. This single stage press features our exclusive Lock-N-Load® technology in the ram, which means you can change your shell holder over to ramprime, then move the shell holder to the top plate. Once the holder and ram-prime are set, they stay that way. A quick change to a Lock-N-Load® bushing makes switching over from ram-prime to die use faster, too.

#### No. 085004

50 Cal. BMG Powder Measure. . No. 050127 High Capacity Metering Kit . . . No. 050126 Primer Seating Gauge . . . . . . No. 050150 Shell Head Adaptor . . . . . . . No. 392172 Conversion Bushing . . . . . . . No. 392301

#### 50 Caliber BMG Press Kit

Includes the Hornady® 50 BMG reloading press, a complete set of Hornady® 50 BMG reloading dies, and a 50 BMG shell holder. It also comes with a 1½"x12 bushing to convert the die head to our Lock-N-Load® system which will hold any standard 7/8"–14 die.



#### Hornady® Lock-N-Load® Powder Measure

The pioneering design of the quick change Lock-N-Load® Powder Measure has been copied by others but never replicated. Offering the most flexible operation and widest range of use, the Lock-N-Load® Powder Measure can handle charges of .5 to 265 grains of powder when paired with the appropriate insert and rotor. Metering inserts can be changed with the push of a button, giving handloaders the ability to load everything from small pistol cartridges to large magnums without having to purchase multiple powder measures. Includes rifle rotor and metering insert. Pistol rotor and inserts sold separately.

No. 050069

#### **FEATURES**

## LARGEST CHARGE RANGE IN THE INDUSTRY

By simply changing rotor and inserts, you can use one Lock-N-Load® Powder Measure to load powders and charges from .5 grain to 265 grains.

## PUSH-BUTTON RELEASE FUNCTION

To change metering inserts, simply push the release button and change over to another metering insert. Verify the new charge and you're reloading again right away. Inserts can be swapped in seconds. Go from reloading 30-06 to 45 Auto in no time. Keep the preset inserts with your die sets.

#### **PRECISION TOLERANCE**

With only .002" clearance between the drum and rotor, it's the tightest in the industry for a standard measure. This tight tolerance helps eliminate powder binding between the frame and drum, delivering smooth function with all types of propellant – extruded or ball.

#### **MULTIPLE MOUNTING METHODS**

Mount to your bench using a standard mounting bracket and lock ring, or use our Lock-N-Load® bushings to mount this versatile measure on the Fast Load Powder Measure Stand (featured on page 103).

#### **ADJUSTABLE TENSION**

The O-ring on the metering insert adjustment lets you put a slight amount of tension on the metering unit to make fine, incremental adjustments. Once you've set your charge, tighten the lock ring to secure the setting.

#### SMALL AND LARGE DROP TUBES

These tubes speed up powder flow. Two drop tubes are included for .204 to 45 calibers. Use the largest drop tube that fits the case mouth. Optional 17 caliber drop tube sold separately. **No. 390709** 

#### Pistol Rotor and Standard Pistol Metering Insert

For use in your Lock-N-Load® Powder Measure, this pistol rotor features a smaller chamber for more precise metering of charge weights between .5 and 17 gr.

Pistol Rotor and Standard Pistol Metering Insert

No. 050128

Standard Pistol Metering Insert for Pistol Rotor

No. 050116





Just push the button and remove the metering insert — no more messing around adjusting powder charges every time you change over.

Label your inserts for quick identification and easy reference.



ROTOR

RELOADING

#### **Powder Measure Metering Inserts**

Switch these metering units in and out of your Lock-N-Load® Powder Measure with just the push of a button. (Not compatible with the Bench Rest Grade Powder Measure.)



#### Standard Metering Unit Insert

Meters from 15 to 100 grains of powder (included with Lock-N-Load® Powder Measure).

Rifle Standard Metering Unit Insert No. 050120 Pistol Standard Metering Unit Insert No. 050116



#### Powder Measure Drain Insert

Replaces a metering insert so you can drain powder without removing the measure from its stand. (Compatible with all Lock-N-Load® Powder Measures.)

No. 050125



#### Micrometer Inserts

For precise measurements, the micrometer inserts allow the user to make and monitor incremental changes and return to previous settings.

Rifle Micrometer Metering Insert No. 050124 Pistol Micrometer Metering Insert No. 050129



#### Bench Rest Metering Insert

Use with the Lock-N-Load® Bench Rest Powder Measure. The micrometer insert allows the user to make and monitor incremental changes and return to previous settings.

No. 050114



#### **High Capacity Metering Kit**

The kit's two metering units have capacities of 80 to 180 grains and 165 to 265 grains of powder, and come with the clear drop tube and large hopper tube. The clear drop tube visually ensures a complete powder drop and the extended hopper tube allows you to reload more rounds between refills of powder. Fits Hornady® Lock-N-Load® Powder Measure.

No. 050126



#### Lock-N-Load® Bench Rest Grade Powder Measure

You'll receive all the advantages of Lock-N-Load® technology with the added benefit of more precise measuring. That precision comes from a specially designed chrome-plated metering insert and a smaller metering chamber to promote more consistent and uniform filling.

The micrometer adjustment gives positive reference for metering adjustments and you can install pre-set metering units by simply pushing the button on the outside of the metering chamber. Measurements adjust from 20 to 65 grains. All moving parts have been plated for protection and long life, and the rotor requires NO lubrication.



## Scales & Accessories

#### Hornady® Precision Lab Scale

When precision is your goal, you need the most precise tool available for measuring on your reloading bench. The Hornady® Precision Lab Scale provides a .01 grain readout. The Hornady® Precision Lab Scale brings science to reloading — the science of success to your reloading bench.

No. 050118

#### **FEATURES**

- Bubble level/leveling feet
- Steel scale tray
- Large windscreen with doors
- Cast aluminum base
- 3000 grain capacity
- Print to spreadsheet function
- Compare, percent and count modes





#### Lock-N-Load® Balance Beam Scale

The Hornady® Balance Beam Scale is an essential tool for any well-stocked reloading bench. Its classic, time-proven balance system provides a measurement range from 0 to 500 grains with 0.1 grain sensitivity, and will easily handle most reloading tasks. A magnetic dampener provides fast, accurate measurements. The balance bar is laser etched, easy to read, and will not flake or peel. Made in the USA.

No. 050109



#### M2 Digital Bench Scale

Made from the same high quality, precision load cell found on the Lock-N-Load® Auto Charge®, the high performance Lock-N-Load® Bench Scale is the perfect addition to your reloading bench. With a capacity of 1500 grains, you can weigh powder, bullets, cases, cartridges and more. The large LCD display is easy to read and weighs precisely to a tenth (0.1) of a grain. Included are two calibration weights, AC adaptor, 220V adaptor, and metal powder pan.

No. 050111

#### **Customer Favorite!**

#### One Shot® Case Lube

One Shot® Case Lube with DynaGlide Plus® technology is a micro-penetrating high pressure dry film. It contains no petroleum, teflon or other synthetic silicone so it will not contaminate powder or primers.

5 oz. Aerosol No. 9991 10 oz. Aerosol No. 99913



#### One Shot® Gun Cleaner & Lube

Hornady<sup>®</sup> One Shot<sup>®</sup> with DynaGlide Plus<sup>®</sup> is a revolutionary formula developed to prevent firearm malfunctions caused by a buildup of lubricants and grime.

5 oz. Aerosol No. 9990 10 oz. Aerosol No. 99901



#### Vibratory Trickler

Save time and improve reloading accuracy and efficiency with the Vibratory Trickler. High, low and variable settings trickle all forms of powder. Modular design allows user to position Trickler body where needed and makes cleanup quick and easy.

- Ideal for getting loads exactly the same every time.
- High, low and variable settings trickle all forms of powder.



No. 050102

#### Auto Charge® Pro Powder Measure

The Hornady® Auto Charge® Pro provides precise, customizable powder dispensing in an easy-touse, space-saving unit.

- Precise to within 0.1 grain
- Customizable trickle speed
- Store settings for up to four custom loads
- Easy-to-read backlit touch screen
- Large powder capacity
- Built-in bubble level
- Smaller footprint than competing brands
- Custom time settings
- Large powder capacity
- Quick and simple powder drain

Includes two calibration weights, AC adaptor, 220V adaptor, metal powder pan, and brush.





## Case Tumblers & Accessories



#### **Rotary Media Sifter**

Quickly separate brass cartridge cases from corn cob or steel pin tumbling media with

the Rotary Media Sifter. With a few turns of the handle, media falls to the bottom of the sifter, leaving cases clean and ready to use. Sifter drum locks into place for easy loading, and clear polycarbonate lid allows easy monitoring of progress.

No. 050207

#### **Tumbling Media**

This abrasive media, made of ground corn cob, removes tarnish and other residue from cartridge cases. Use with One Shot® Metal Polish for a shiny, like-new finish.

76 oz. No. 050303





#### **Rotary Case Tumbler**

Clean and polish brass cartridge cases to a brilliant shine with the rotary action of this tumbler, coupled with its steel pin tumbling media. Six-liter drum holds Five pounds of brass cases. Digital timer allows tumbler to run for up to eight hours in half-hour

increments.
For best
results,
use with
One Shot®
Cartridge
Case
Solution.

No. 050220



For use with Hornady Tumbling Media, this water-based, biodegradable product cleans, polishes, and protects all metals except aluminum.

8 oz. No. 9993 (Non-hazardous)





#### M-1 Case Tumbler

Add to the quality of your reloaded ammunition by using the M-1 Case Tumbler to clean and polish large quantities of cases quickly and efficiently. Coupled with Hornady® Tumbling Media, the cyclonic and vibratory action of the Tumbler cleans brass to a brilliant shine. Use the included sifter to separate the polished brass from the media. Running time may be varied based on the condition of the cases and degree of cleanliness desired. Holds up to (400) 38 Spl cases, (180) 30-06 Sprg cases, or the equivalent of other likesized cases.

No. 050202

#### Digital Cases & Parts Dryer

Dry hundreds of cartridge cases as well as small and large gun parts at the same time with the revolutionary Digital Cases & Parts Dryer. Four fixed trays hold cases and small parts while a fifth, adjustable tray holds larger gun parts. The unit's tall lid makes accommodating larger parts even easier.

The dryer's innovative topmounted digital powerhead ensures that cases and parts dry thoroughly and efficiently.

- Digitally adjust drying time from 15 minutes to two hours
- Choose from seven temperature levels with digital selector
- Unit disassembles for easy cleaning

No. 053311

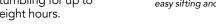


#### Magnum Digital Vibratory Tumbler

Clean and polish large quantities of brass to a brilliant finish before loading, eliminating abrasive foreign particles that can scratch the inside of your dies. Brass cases cleaned with vibratory action enhances the smooth function of reloading presses and dies, and makes finished reloads look like new.

- Large drum holds up to (600) 38 Spl cases, (250) 30-06 Sprg cases or equivalent.
- Digital timer allows tumbling for up to eight hours.

No. 050240





Place the included sifter over a 5-gallon bucket (not included) to separate clean brass from media.



Tumbler bowl is notched for

easy sifting and cleanup.









## Sonic Cleaners & Accessories





Featuring a 9 liter capacity, the Hot Tub™ is long enough to accommodate and clean a 16 inch AR-15 upper. In addition to having 4 transducers, there are heating elements that enhances cleaning action, which is especially useful when cleaning gun parts. Combined with One Shot® Sonic Clean™ solution, its microjet action removes carbon residue and other debris from cartridge cases, gun parts and other metal equipment.

- Cleans internal and external surfaces of cartridge cases and primer pockets.
- Includes one inner tank for cleaning multiple smaller batches or to use separate solutions at the same time.
- Hanging cords allow large objects to take full advantage of the ultrasonic energy.
- Includes small parts basket.
- De-gas function.
- 5 temperature settings from 100-140°F.

Hot Tub™ main tank dimensions: 25.5" x 7.0" x 4" (9 Liters/2.3 Gallons)

Internal divider tank dimensions: 6.7" x 4.7" x 3.2" (1.6 Liters/1.7 Quarts)

No. 043310





#### Lock-N-Load® Sonic Cleaner™ 2L

Features an 80 watt ceramic heater that enhances cleaning action, which is especially helpful when cleaning gun parts. Its large 2 liter stainless steel tank holds up to three hundred 223 cases or one hundred fifty 308 cases. Combined with One Shot® Sonic Clean™ solution, its microjet action removes carbon residue and other debris from internal and external surfaces of cartridge cases, small gun parts and other small metal equipment. The cleaner's 5 to 30 minute timer allows you to choose the appropriate cycle for your application.

Tank dimensions: 7.25" x 6" x 3" (2L)

No. 043320

#### One Shot® Cartridge Cleaning Solution

Non-toxic and uniquely formulated to clean brass cases. Quickly removes most tarnish, oxidation and carbon buildup.
Designed specifically for the Hornady® Lock-N-Load® Sonic Cleaners.™

32 fl oz. No. 043355 1 Gallon No. 043356



#### One Shot® Sonic Clean™ Gun Parts Formula

Cleans all gun parts and is safe for all firearms finishes. Quickly removes carbon, dirt, grease and powder residue. Designed specifically for the Hornady® Lock-N-Load® Sonic Cleaners.™

32 fl oz. No. 043360



# Case Prep Tools



The fastest, easiest way to pull bullets with your press. Just clamp on the bullet, pull down on the handle and the bullet is removed. Intended for rifle cartridges only — DO NOT USE FOR PISTOL CARTRIDGES. Uses standard collets (sold separately, see chart below).

No. 050095

Replacement Handle Assembly No. 050094



#### Cam Lock™ Bullet Collets

Works with the Cam Lock™ Bullet Puller.

Bullet Dia.	Collet No.	ltem No.
.172	1	392154
.204	14	392167
.223	2	392155
.243	3	392156
.257/.264	4	392157
.277	5	392158
.284	6	392159
.308/.312	7	392160
.321/.323	8	392161
.338/.358	9	392162
.375	10	392163
.410/.416	11	392164
.430	12	392165
.451/.458	13	392166



#### **Primer Pocket Reamer**

Primer Pocket Reamer Package makes cases with crimped primer pockets reloadable by cutting away the crimp. Complete with handle, large and small cutter heads. Heads also fit on Power Case Prep Center and Case Prep Trio. (See page 123.)

No. 041210

(Extra reamer heads sold separately.)

Lg. Head **No. 390751** Sm. Head **No. 390750** 



#### Pilot Style Flash Hole Deburr Tool

Designed to deburr and uniform flash holes in cartridge cases quickly and easily, this tool uses floating pilots to guide the cutter directly toward the flash hole of the case, resulting in a clean and uniform hole every time.

No. 399693



#### **Universal Shell Holders**

Precision machined from solid steel and heat-treated to perform flawlessly. Wide mouth and rounded edge at the opening allow smoother case insertion. A single shell holder may be used for multiple calibers. (See charts on pages 162-169.)



#### 4 Blade Outside Diameter Deburring Tool

Fits on Universal Handle, Power Case Prep Center, or Case Prep Trio. (See page 123.)

No. 050173

50 Cal. Deburr Tool No. 050153



#### 6 Blade Inside Diameter Chamfer Tool

Fits on Universal Handle, Power Case Prep Center, or Case Prep Trio. (See page 123.)



1) 11th Edition Reloading Manual & App

See page 99.

No. 99241

(2) One Shot® Metal Polish

See page 116.

No. 9993

(3) Case Prep Duo

Make quick work of various reloading chores with this cordless, rechargeable multifunction tool that accommodates case neck brushes, primer pocket cleaners, and chamfer/deburr accessories. With the easy to swivel body and integrated rubber feet, use it in the straight configuration on your bench top, or rotate it 180 degrees for an ergonomic handheld power tool. Use with the 8-32 spindle head for various reloading functions or remove the spindle head and use as a powered screwdriver with standard 1/4-inch hex bits (not

included). Comes with plug-in charger, ID and OD chamfer tools.

No. 050180



#### 4 Go/No-Go Cartridge Gauge

Hornady Cartridge Gauges allow the user to check their cases and ammo to ensure a correct fit in SAAMI chambers. Available calibers:

DESCRIPTION	ITEM NO.
380 Auto (.355)	380700
9mm Luger (.355)	380701
38 Spl (.357)	380702
357 Mag (.357)	380703
40 S&W (.400)	380704
44 Rem Mag (.430)	380705
45 Auto (.451)	380706
223 Rem (.224)	380707
22-250 Rem (.224)	380708
22 ARC (.224)	380726
243 Win (.243)	380709
6mm ARC (.243)	380719
6mm GT (.243)	380725
6mm Creedmoor (.243)	380720
6.5 Creedmoor (.264)	380710
6.5 PRC (.264)	380721
270 Win (.277)	380711
7mm-08 Rem (.284)	380712
7mm Rem Mag (.284)	380713
7mm PRC (.284)	380723
300 Blackout (.308)	380714
30-30 Win (.308)	380715
308 Win (.308)	380716
30-06 Sprg (.308)	380717
300 Win Mag (.308)	380718
300 PRC (.308)	380722

#### 5 Unique™ Case Lube

For those who want to use a high quality paste lube, this non-petroleum product will not contaminate powder or primers.

No. 393299

6 One Shot® Case Sizing Wax

Simply dab on your index finger and thumb, then apply to cartridge case before sizing.

No. 9989

(7) Premium Powder Funnel Kit

High-capacity, non-static aluminum funnel stores nicely in form-fitted storage case. Nine caliber-specific bushings allow funnel to fit a variety of case sizes: .224, .243/6mm, .257, .264/6.5mm, .277/6.8mm, .284/7mm, .308, .338, .375.

No. 586059

(8) Vernier Ball Micrometer

With a ball anvil and chamfered spindle, the Vernier Ball Micrometer is ideal for accurately measuring case neck thickness within an accuracy of 0.0001". Ratchet stop ensures uniform pressure for measurement repeatability.

No 050059



#### Standard Micrometer

This versatile instrument accurately measures in 0.0001" increments for precise readings on bullets or objects up to 1 inch in size. Spindle lock preserves measurement when removing micrometer from work piece.

#### No 050072

#### 10 Dial Caliper

Stainless steel construction with shock-resistant dial is accurate to +/- 0.001". Four-way measurement capability: inside, outside, depth and step. Slide may be locked in any position for precise measurements. Thumb wheel aids in easy opening and closing. Includes plastic storage case.

#### No. 050075 (inches)

#### 11 Digital Caliper

Precisely measure case length, inside and outside case diameter, bullet length, primer pocket depth and overall cartridge length. Features quick repeat and measuring speed, an extra large LCD screen and accuracy to .001." Battery and protective storage case included.

No. 050080 (inches/metric)

#### (12) Stuck Case Remover

Easily remove stuck cases from dies by drilling and tapping the stuck case. Consists of #7 drill bit and ¼ inch-20 tap.

#### No. 050033



#### (13) Neck Wall Thickness Gauge

This accessory to the Concentricity
Tool offers the next step in ultraprecision reloading. Its .0005"
increment dial indicator helps identify
neck thickness variations so you
can sort and measure case necks or
verify your neck turning operation
– ultimately enhancing accuracy.
(Concentricity Tool not included.)

No. 041223

## Lock-N-Load® Concentricity Tool

This tool identifies and eliminates bullet runout (or wobble). Just place ammunition in the tool, roll it, identify runout and use the dial indicator thumbscrew to adjust. Provides improved accuracy for handloaders, and can be used to true up factory ammo too.

#### No. 050076

#### (15) Single Stage Primer Pocket Swage Tool

Quickly removes crimps on cartridge case primer pockets. Swage depth can be adjusted to accommodate various case brands. Swaging out the crimps on primer pockets instead of cutting them eliminates trimmings and mess.

#### 223/5.56 ONLY No. 041227 308/7.62X51 ONLY No. 041228

#### (16) Quick Change Hand Tool

Features a dual-sided chuck that allows for the quick changeover of popular case preparation tools. Includes 3 dual-sided chucks, chamfer/deburr tools, large and small primer pocket cleaners and neck brushes for the following calibers: 22 cal, 25 cal/6mm, 270 cal/7mm, 30 cal, 35 cal/9mm and 45 cal.



## Case Prep Tools



neck turning faster and easier, while providing superior consistency and surface finish. An adjustment knob enables the user to choose detents for .0005" adjustment increments, or no detents for infinite adjustment. Use only standard Hornady® shell holders. The mandrels for four popular calibers are included: 22 Cal., 6mm, 6.5mm & 30 Cal. Two cutters are also included: 30° and 40° shoulder angles.

The Hornady® Neck Turn tool is a winning solution for precision handloaders who want to maximize accuracy. **No. 041224** 

#### Mandrels

Caliber	Dia.	Item No.
17 Cal.	.1690	391908
20 Cal.	.2010	391909
22 Cal.*	.2210	391910
6mm*	.2395	391913
25 Cal.	.2545	391915
6.5mm*	.2615	391919
270 Cal.	.2750	391921

Caliber	Dia.	Item No.
7mm	.2813	391924
30 Cal.*	.3055	391928
8mm	.3205	391929
338 Cal.	.3355	391930
35 Cal.	.3555	391931
375 Cal.	.3725	391932
* = included with Neck Turn Tool		

#### Cam Lock™ Trimmer

Thanks to the unique way the case is locked in place in the shell holder, this trimmer

accurately restores fired cases to the correct length no matter the thickness of the cartridge rim. The lever locks the case in place. The Micro Adjust cutter allows .001" changes without moving the case (extra cost on competitor trimmers). Plus, its large diameter, replaceable cutting head is made of ultra-hard tool steel and trims cases up to 50 caliber. Use only standard Hornady® shell holders and pilots. Includes ten of the most popular pilot sizes: 22 cal, 6mm, 25 cal, 6.5mm, 270 cal, 7mm, 30 cal, 35 cal, 38 cal, and 45 cal.

Choose your shell holder and trimmer pilots from the charts on pages 162-169.

Cam Lock™ Trimmer No. 050140

Cam Lock™ Trimmer Dust Cover No. 100016

17 Cal. Trimmer Pilot/Cutter No. 390942

Cam Lock™ Power Trimmer Adapter No. 050145





#### Cam Lock™ Chamfer/ Deburr Tools

Mounts in place of the cutter to speed the chamfering and deburring process. It also keeps chamfers and deburrs square with the case mouth. **No. 050147** 



#### Lock-N-Load® Attachment Adapter

Use with your power drill for your case prep needs.

No. 399671

#### Case Neck Brushes

SIZE	ITEM NO.
17 Cal.	380062
22 Cal.	380063
6mm/25 Cal./6.5mm	380065
270 Cal./7mm	380066
30 Cal.	380067
35 Cal.	380068
45 Cal.	380069



#### Universal Trim Length Gauge

Use this tool to set the case overall length on the Case Prep Center. May be used with 12 popular calibers from the 6mm ARC to the 300 Win Mag, both fired and resized cartridge cases.

No. 050146

#### Lock-N-Load® Power Case Prep Center

Also includes shell holders 1, 2, 5, 16 and 35.

The Lock-N-Load® Power Case Prep Center saves reloaders time and bench space by rolling all the necessary case prep functions into one unit. Its all-in-one versatility combines a power trimmer with chamfer/deburr tools, large and small primer pocket cleaners, six popular neck brush sizes (22 cal, 6mm/25 cal/6.5mm, 270 cal/7mm, 30 cal, 35 cal and 45 cal) and pilots in same calibers.

#### **FEATURES**

- The trimmer is micro adjustable to .001" for precise and consistent trimming.
- Rugged housing and a powerful motor will give years of dependable service.
- Trims small to large cases measuring 3/4" to 31/4" in length.
- Innovative design keeps metal shavings in the catch trays and out of the cases.
- Easy grip handle offers leverage.
- Arrange the chamfer/deburr tools, primer pocket cleaners and neck brushes however you want on the front panel.

Use with Hornady® shell holders and trimmer pilots only (sold separately).

Optional flash hole deburr tool, primer pocket reamer, primer pocket uniformer and additional neck brushes can be purchased separately.

No. 050012



Speed up your case prep process with the 3-tool capacity and utilize the onboard storage for optional accessories like our primer pocket cleaners, primer pocket reamers, case neck brushes and any other 8-32 thread tools. With three active stations, you can chamfer, deburr and clean primer pockets without having to change tools. The Lock-N-Load® Case Prep Trio comes with both inside and outside chamfer and deburr tools. Made in the U.S.A.

No. 050160

## OPTIONAL ACCESSORIES FOR THE CASE PREP TRIO OR POWER CASE PREP CENTER

Large Caliber Chamfer (45+ Cal. ID)
No. 050170

Large Caliber Deburr (45+ Cal. OD)
No. 050171

Small Caliber Chamfer (17-45 Cal.) No. 050172

**Small Caliber Deburr** (17-45 Cal.) **No. 050173** 

Small Pocket Uniformer No. 041212

Small Primer Pocket Reamer No. 390750

Large Primer Pocket Reamer No. 390751

Small Primer Pocket Cleaner Head No. 390752

Large Primer Pocket Cleaner Head No. 390753



# Lock-N-Load® Precision Gauges

#### Lock-N-Load® **Headspace Comparator**

The Lock-N-Load® Headspace Comparator extends brass life, improves accuracy, and enhances safety. The gauge measures variations in brass before and after firing or re-sizing. It allows for headspace comparison between fire-formed brass and re-sized brass.

The five bushings that come with the Lock-N-Load® Headspace Comparator provide the ability to check most bottleneck cases, from .17 Rem through belted magnums. Ackley Improved chambers use the same bushing size as the parent case. See chart provided or consult product instructions for cartridge/bushing size details.



Determining the proper bushing diameter: If you add the neck diameter and the shoulder diameter and divide that number by two, use the bushing closest to that number.

**Body with 5 Bushing Set** No. HK66

5 Bushings Only No. HK55



#### Lock-N-Load® 17-22 Rim Thickness Gauge

Sorting ammo by rim thickness will provide ammo with similar ignition qualities for improved accuracy. This proven technique is used by competitive shooters and varmint hunters. The rimfire gauge attaches to your caliper and includes bushings for use with most .17 and .22 caliber rimfire ammo. (Not compatible with 17 WSM.)

No. RF17



#### **Anvil Base Kit**

The anvil attaches to the opposite blade of your caliper when utilizing the Hornady® Lock-N-Load® Headspace Comparator, supplying a large surface area for case heads and bullets to rest, making ogive and headspace measurements easier to obtain.

No. AB1



#### Lock-N-Load® **Bullet Comparator**

Measuring cartridge lengths across the bullet tips is not a reliable (or repeatable) method for measuring loaded rounds. It's common for variations of up to .025" to exist from one round to the next. Our Bullet Comparator measures rounds from the ogive to provide consistent, precise measurements. You can also use it to check uniformity of bullets from base to ogive.

Our Bullet Comparator easily attaches to the blade of your caliper and uses interchangeable inserts (available in sizes from .17 caliber to .45 caliber) to measure from the bullet ogive.

Used in conjunction with the O.A.L. Gauge, the Bullet Comparator provides the ultimate in precision measurement. The Bullet Comparator will properly align the O.A.L. Gauge for precise measurement using a caliper. This method allows direct comparison of your loads as you set up your bullet seating die for any selected bullet free-travel (jump).

#### **Bullet Comparator -**Basic Set No. B234

Comparator body and 7 bullet inserts for bullet diameters: .224" (5.56mm), .243" (6mm), .257," .264" (6.5mm), .277," .284" (7mm), .308" (7.62 & 8mm)

#### **Bullet Comparator -**Complete Set No. B14

Comparator body and all 14 bullet inserts for bullet diameters: .172," .204," .224" (5.56mm), .243" (6mm), .257," .264" (6.5mm), .277," .284" (7mm), .308," .338," .358," .375," .416," .458"

.ock-N-Load°	Headspace	Bushings

Lock-N-Load® Headspace Bushings								
G .240" NO. G240	A .330" NO. A330	B .350" NO. B350	.37	C 75" C375	D .400" NO. D400	.42 NO.	_	F .188" NO. F188
17 Hornet	.17 Rem	22PPC	6mm GT	30-06	223 WSSM	6.5 x 284	264 Win Mag	Bushing
	204 Ruger	22-250 Rem	6mm Rem	300 H&H	243 WSSM	6.5 PRC	7mm SAUM	"blank" with .188" diameter
	221 FB	6PPC, 6BR Rem	257 Rob	7.62x39	260 Rem	284 Win	7mm STW	hole. Drill and
	222 Rem	250 Sav	25-06 Rem	6.5x55	270 WSM	7mm Rem Mag	300 RSAUM	Ream for sizes not listed.
	222 Rem Mag	7BR Rem	270 Win	7mm WSM	7mm-08 Rem	7mm PRC	300 Win Mag	
	223 Rem	300 Blkout	7 x 57mm	30-40 Krag	300 Sav	7mm Ultra Mag	300 PRC	
	220 Swift	6.5 Grendel	280 Rem	6.5 Creedmoor	308 Win	300 WSM	300 Ultra Mag	
	22 ARC	6mm ARC	30-30 Win	6.5 x47 Lapua	35 Rem	300 Wby Mag	8mm Rem Mag	
					243 Win	325 WSM	338 Ultra Mag	
						338 Win Mag	338 Lapua	
						350 Rem Mag	35 Whelan	
						375 H&H Mag		

#### Lock-N-Load® O.A.L. Gauges

Straight Model – For boltaction and single-shot firearms, or any firearm with straight-line access to the chamber. This model is preferred, as it is most precise and user friendly.

#### No. C1000

Curved Model – For autoloader, leveraction, or pump-action rifles. Also fits all bolt-action and singleshot firearms. Inserts into chamber through ejection port.

Not compatible with Adapter "D" or short-bodied cases. (See chart below)

No. C1550

#### Lock-N-Load® **Modified Cases**

Lock-N-Load® Modified Cases are readily available to fit most popular rifle chambers. All are manufactured to SAAMI specs.

**Modified Case** and Adapter D for 22 Hornet No. D1202

#### **CUSTOM CASE MODIFICATION**

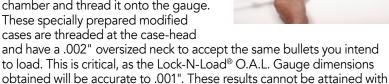
Any of your brass, including all wildcat sizes, can be custom modified at our factory for use with either gauge. Simply send us two fired cases by mail for quick turnaround (visit our website for details).

MODIFIED CASES "A" SERIES		
ITEM NO.	DESCRIPTION	
A17	17 Rem	
A218	218 Bee	
A221	221 Rem Fireball	
A222	222 Rem	
A223	223 Rem	
A222M	222 Rem Mag	
A22A	22 ARC	
A224	224 Valkyrie	
A22250	22-250 Rem	
A220	220 Swift	

#### ACHIEVE PRECISE BULLET SEATING DEPTH.

Regulating seating depth and the resulting "jump" to the rifling is widely regarded as fundamental to improved accuracy. A few thousandths of an inch change between the bullet and the rifling can make the difference between average accuracy and real tack-driver performance. The Lock-N-Load® O.A.L. Gauge is universally acclaimed as the most accurate, easy-to-use and reliable method of obtaining that critical relationship.

To use the Lock-N-Load® O.A.L. Gauge, you will need a Modified Case (sold separately) to fit your firearm's chamber and thread it onto the gauge. These specially prepared modified cases are threaded at the case-head



MODIFIED CASES "A" SERIES

8x57 (JS)

338 RCM

8mm Rem Mag

338 Win Mag

340 Wby Mag

350 Legend

350 Rem Mag

375 H&H Mag

45-70 Govt

**MODIFIED CASES "B" SERIES** 

204 Ruger

B7MMR 7mm Rem SA Ultra Mag

ITEM NO. DESCRIPTION

450 Bushmaster

35 Whelen

9.3x62

35 Rem

ITEM NO. DESCRIPTION

A8X57

MM8A

A338R

A338

A340

A350L

A35R

A350

A35

A9362

A375

A450B

A4570

B204

competitive products, which use a simulated bullet with an arbitrary shape.



IIILWINO.	DESCRIPTION
A6MMB	6mm Br Rem
A6MMA	6mm ARC
A243	243 Win
A6MM	6mm Rem
A6MMC	6mm Creedmoor
A250	250 Savage
A257	257 Roberts
A2506	25-06 Rem
A65G	6.5 Grendel
A260	260 Rem
A65C	6.5 Creedmoor
A264	264 Win Mag
A68SPC	6.8mm Rem SPC
A270	270 Win
A7X57	7x57
A7MM08	7mm-08 Rem
A280	280 Rem
A280AI	280 Ackley Imp
A7MMR	7mm Rem Mag
A300A	300 Blackout
A3030	30-30 Win

A303

A32

303 British

32 Win Spl

A280AI	280 Ackley Imp	B22C	22 Creedmoor
A7MMR	7mm Rem Mag	B223	223 WSSM
A300A	300 Blackout	B6PPC	6mm PPC Sako
A3030	30-30 Win	B6MMG	6mm GT
A308ME	308 Marlin Express	B240	240 Wby Mag
A308	308 Win	B243	243 WSSM
A3006	30-06 Sprg	B25	25 WSSM
A300H	300 H&H Mag	B257	257 Wby Mag
A300R	300 RCM	B65X55	6.5x55
A300M	300 Win Mag	B65	6.5-284
A300W	300 Wby Mag	B65P	6.5 PRC
A762	7.62×39 (.308311)	B26N	26 Nosler
V3U3	303 Pritish	B764	7x64



MODIFIED CHOIS D SERVES		
ITEM NO.	DESCRIPTION	
В7ММР	7mm PRC	
B7WS	7mm WSM	
B7MMW	7mm Wby Mag	
B28N	28 Nosler	
B7MM	7mm Rem Ultra Mag	
B300S	300 Savage	
B300R	300 Rem SA Ultra Mag	
B300W	300 WSM	
B30N	30 Nosler	
B300P	300 PRC	
B300	300 Rem Ultra Mag	
B33N	33 Nosler	
B338	338 Rem Ultra Mag	
B358	358 Win	

**MODIFIED CASES "B" SERIES** 

MODIFIED CASES "C" SERIES					
ITEM NO.	DESCRIPTION				
C30378	30-378 Wby Mag				
C338L	338 Lapua Mag				
C9374	9.3x74R				
C375R	375 Ruger				
C405	405 Win				
C416R	416 Rigby				
C458W	458 Win Mag				
C458L	458 Lott				
C50BMG	50 BMG				

# Custom Grade™ Dies



#### What makes Hornady® dies better?

Hornady® reloading dies represent the finest in machined craftsmanship. Precise machining allows accurate reloading by offering easier adjustments, better alignment and smooth functioning. With one of the finest internal finishes in the industry, Hornady® Custom Grade and Match Grade Dies provide a lifetime of reloading. They're so well crafted that they will never break or wear out from normal use.

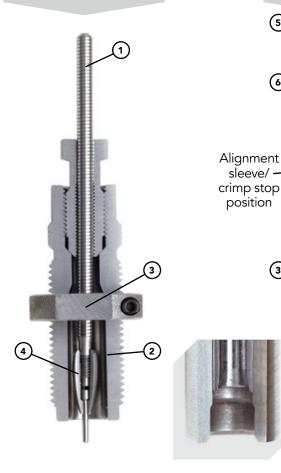
# (1) ZIP SPINDLE™ DESIGN A feature on all full length size dies, the Zip Spindle™ positively locks to eliminate slippage. A series of light threads cut on both the spindle and spindle collet allows incremental adjustments by turning the spindle or it can easily "zip" up or down

#### (2) SMOOTH FINISH

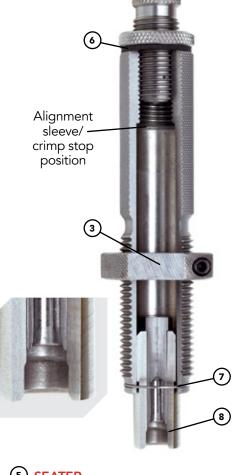
for larger movements.

Internal die profile is precision machined and polished to a smooth finish for reliable functioning without case sticking or excessive friction. Most of our pistol dies feature a titanium nitride "gold ring" finish that's harder than carbide and doesn't require lubrication. The super hard coating is perfect for resizing soft pistol brass and won't scratch cases.

#### **FULL-LENGTH SIZING DIE**



#### STANDARD SEATING DIE



## 3 LOCK RINGS WITH WRENCH FLATS

The Hornady Sure-Loc™ lock rings clamp around the entire die applying constant pressure to hold the ring in place. The locking screw tightens the ring without coming into contact with the threads, eliminating possible damage from pliers.

#### (4) ELLIPTICAL EXPANDER

Superior to "ball expanders," this Hornady® exclusive provides extremely smooth neck sizing and significantly reduces friction and case neck stretch. Internal threading prevents it from pulling loose and the elliptical expander eliminates the need for a separate expander die for necking-up to the next caliber.

## (5) SEATER ADJUSTMENT SCREW

Seater adjustment screw easily adjusts for bullet seating depths.

#### (6) COMPRESSION LOCK

This o-ring provides the necessary tension to make fine adjustments easier, and keep the die set in place.

#### 7 RETAINER RING

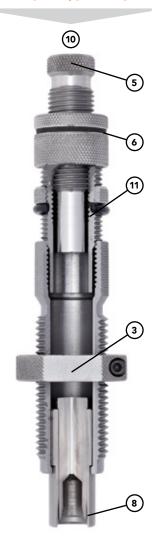
Locking retainer ring removes in seconds for easy disassembly and cleaning of the die.



#### TAPER CRIMP/SEATING DIE

#### STANDARD EXPANDING DIE

#### STRAIGHT WALL SIZING DIE





## 8 IN-LINE BULLET SEATING SYSTEM

Our seating system holds the bullet, the case neck and the seating stem in perfect alignment in the sleeve BEFORE the bullet enters the neck of the case. The system includes a floating bullet alignment sleeve, a floating steel seating stem and a built-in crimper for benchrest precision. Bullets are aligned in the sleeve as they enter the die for optimum seating and enhanced accuracy.

#### (9) BUILT-IN CRIMPER

The built-in crimper allows roll crimping without the need for an extra crimp die, saving a station on your press.

#### 10) TAPER CRIMP/SEATING DIE

The intuitive design of this die allows seating and taper crimping to be completed in one step, eliminating the need for a separate taper crimp die. Available in 9MM, 40 S&W & 45 Auto.

#### 11) TAPER CRIMP ADJUST SCREW

Easily adjusts amount of crimp on the cartridge without changing bullet seating depth or loosening the lock ring.

#### 12) EXPANDER DIES

These dies put a consistent slight "bell" or flare on straight-walled rifle or pistol case mouths. They prepare the case so powder and bullet insertion are smoother.

## 13 STRAIGHT WALL SIZING DIES

Most of our straight wall sizing dies feature a titanium coated sizing ring (gold ring). This eliminates case sticking and requires no lubrication. The super hard, smooth coating is used in high-pressure, high-wear tools to reduce abrasion, so it's perfect for resizing relatively soft pistol brass, and won't scratch your cases. Less friction means less wear on cases for longer case life. Spindle locks in place with collet lock for positive decap and easy adjustment.

For a full list of available dies, see the charts on pages 162-169.



#### **FULL-LENGTH SIZING DIE**

### SEATING DIE WITH MICROJUST SEATING MICROMETER

- 1 SELF-CENTERING SPINDLE Free-floating spindle design ensures precise, concentric neck expansion.
- 2 KNURLED SPINDLE LOCK Provides easy adjustment of decapping features.
- 3 SPINDLE ADJUST WITH O-RING

Provides slight tension for fine adjustments, and holds setting once in place.

4 BUSHING (SOLD SEPARATELY)

Available in .001" increments, these bushings fully eliminate neck resizing problems. Tight tolerances here translate into tighter groups.

5 REPLACEABLE HEADED DECAP PIN

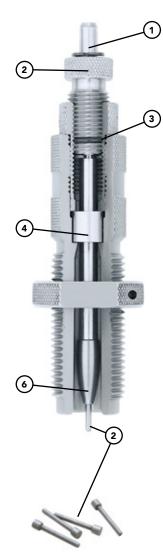
The replaceable decap pin (No. 390222) is unique to Hornady® Dies.

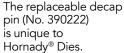
**6** ELLIPTICAL EXPANDER

Our Match Grade<sup>™</sup>
Dies ship with both an
elliptical expander and
a replaceable decap pin
retainer, allowing more
versatility for user preference.

- 7 MICRO-JUST SEATING MICROMETER Measures .001" adjustments for bullet seating depths.
- 8 IN-LINE BULLET SEATING SYSTEM

Floating seating stem holds bullet in alignment before the bullet enters the neck of the case.









# What makes Hornady® dies better?



Hornady® reloading dies represent the finest in machined craftsmanship. Precise machining allows accurate reloading by offering easier adjustments, better alignment and smooth functioning. With one of the finest internal finishes in the industry, Hornady® Custom Grade and Match Grade Dies provide a lifetime of reloading. They're so well crafted that they will never break or wear out from normal use.



Hornady® Match Grade™ Dies give you total control over neck tension when resizing. These dies feature the ability to use interchangeable, self-centering neck size bushings that eliminate the chance of over sizing your case necks and overworking the brass.\* Tight tolerances at the press translate into tighter groups at the range. See below for a listing of available dies and bushings.

\*Bushings sold separately.

#### Match™ Grade Die Sets

CARTRIDGE	ITEM NO.
223 REM (.224)	544207
6MMX47 LAPUA (.243)	544610
6MM PPC (.243)	544241
6MM BR REM (.243)	544249
6MM ARC (.243)	544257
6MM CREEDMOOR (.243)	544247
6.5X47 LAPUA (.264)	544650
6.5x55 (.264)	544281
260 REM (.264)	544277
6.5 CREEDMOOR (.264)	544655
6.5-284 NORMA (.264)	544295
6.5 PRC (.264)	544283
284 WIN (.284)	544303
280 ACKLEY IMP (.284)	544323

CARTRIDGE	ITEM NO.
7MM REM SA ULTRA MAG (.284)	544311
7MM REM MAG (.284)	544325
7MM WSM (.284)	544329
7MM PRC (.284)	544319
308 WIN (.308)	544355
30-06 SPRG (.308)	544339
300 WSM (.308)	544353
300 WIN MAG (.308)	544351
300 PRC (.308)	544349
300 NORMA MAG (.308)	544371
300 REM ULTRA MAG (.308)	544367
338 NORMA MAG (.338)	544397
338 LAPUA MAG (.338)	544399

See the full list of available dies on pages 162-169.

#### Select the Bushing Your Cartridge Requires



CCI	beleef the bashing roal barmage requires										
22	2 CAL.	6	SMM	6.	.5MM	7	7MM	30	CAL.	33	8 CAL.
DIA.	ITEM NO.	DIA.	ITEM NO.	DIA.	ITEM NO.	DIA.	ITEM NO.	DIA.	ITEM NO.	DIA.	ITEM NO.
.242	594242	.256	594256	.284	594284	.306	594306	.329	594329	.362	594362
.243	594243	.257	594257	.285	594285	.307	594307	.330	594330	.363	594363
.244	594244	.258	594258	.286	594286	.308	594308	.331	594331	.364	594364
.245	594245	.259	594259	.287	594287	.309	594309	.332	594332	.365	594365
.246	594246	.260	594260	.288	594288	.310	594310	.333	594333	.366	594366
.247	594247	.261	594261	.289	594289	.311	594311	.334	594334		
.248	594248	.262	594262	.290	594290	.312	594312	.335	594335		
.249	594249	.263	594263	.291	594291	.313	594313	.336	594336		
.250	594250	.264	594264	.292	594292	.314	594314	.337	594337		
.251	594251	.265	594265	.293	594293	.315	594315	.338	594338		
		.266	594266								
		.267	594267								
		.268	594268								

## HORNADY MATCH GRADE DIE SETS COME COMPLETE WITH THE FOLLOWING:

• Full Length Bushing Style Die

.269 594269 .270 594270

- In-line Bullet Seating Die with Micro-just Seating Micrometer
- Elliptical Expander

- Decap Pin Retainer
- Standard Bullet Seating Stem
- Custom ELD® Match Bullet Seating Stem

# Custom Seating Stems & Dies



#### **Custom Bullet Seating Stems**

These seating stems are designed to fit Hornady® Custom Grade™ Dies, and are machined to fit the profile of specific bullets to seat them as precisely as possible without damaging bullets. (Not compatible with other manufacturers' dies.)

A-TIP® MATCH SEATING STEMS				
CAL.	DIA.	BULLET	ITEM NO.	
22 Cal.	.224"	90 gr.	397100	
6mm	.243"	110 gr.	397139	
6.5mm	.264"	135/153 gr.	397138	
7mm	.284"	166 gr.	397141	
7mm	.284"	190 gr.	397142	
30 Cal.	.308"	176 gr.	397143	
30 Cal.	.308"	230/250 gr.	397140	
338 Cal.	.338"	300 ar.	397144	

ELD® MATCH SEATING STEMS				
CAL.	DIA.	BULLET	ITEM NO.	
22 Cal.	.224"	75/80/88 gr.*	397100	
25 Cal.	.257"	134 gr.	397101	
6mm	.243"	108 gr.*	397103	
6.5mm	.264"	130/140 gr.*	397106	
6.5mm	.264"	147 gr.	397130	
7mm	.284"	162 gr.*	397107	
7mm	.284"	180 gr.	397112	
30 Cal.	.308"	155/168/ 178 gr.*	397108	
30 Cal.	.308"	208 gr.*	397109	
30 Cal.	.308"	225 gr.	397111	
338 Cal.	.338"	285 gr.*	397110	

\*Also compatible with A-MAX® bullets.

CX™ SEA	CX™ SEATING STEMS				
CAL.	DIA.	BULLET	ITEM NO.		
6mm	.243"	90 gr.	397103		
6.5mm	.264"	130 gr.	397130		
7mm	.284"	160 gr.	397112		
30 Cal.	.308"	190 gr.	397111		

ELD-X® SEATING STEMS				
CAL.	DIA.	BULLET	ITEM NO.	
6mm	.243"	103 gr.	397103	
25 Cal.	.257"	110 gr.	397136	
6.5mm	.264"	143 gr.	397130	
270 Cal.	.277"	145 gr.	397135	
7mm	.284"	150/162 gr.	397131	
7mm	.284"	175 gr.	397132	
30 Cal.	.308"	178/200/ 220 gr.	397133	
30 Cal.	.308"	212 gr.	397134	
338 Cal.	.308"	230 gr.	397137	
338 Cal.	.308"	270 gr.	397110	

FTX® SEATING STEMS				
CAL.	DIA.	BULLET	ITEM NO.	
30 Cal.	.308"	160 gr. (30-30 Win)	397115	
35 Cal.	.358"	200 gr. (35 Rem)	397116	
44 Cal.	.430"	265 gr. (444 Marlin)	397117	
45 Cal.	.452"	200 gr. (460 S&W Mag)	397118	
45 Cal.	.452"	250 gr. (450 Bushmaster)	397119	
45 Cal.	.458"	325 gr. (45-70 Govt)	397120	
50 Cal.	.500"	300 gr.	397121	

MONOFLEX® SEATING STEMS				
CAL.	DIA.	BULLET	ITEM NO.	
30 Cal.	.308"	140 gr. (30-30 Win)	397115	
45 Cal.	.458"	250 gr. (45-70 Govt)	397120	

#### Hydraulic Form Die Kit

Our Hydraulic Form Die Kit is designed to expand a standard case into an improved case design without having to fireform cases. Saves time, bullets, powder, primers and barrel wear.



\$198.00

\$221.00

#### Manufactured to the customer's specifications.

#### **Custom Dies**

Hornady® Manufacturing offers the advantage of making custom dies to your specifications. These custom-manufactured dies are available in either our Custom Grade™ or Match Grade™ die configuration, and can be made to load any cartridge.

Our custom-manufactured dies are made on precision CNC machines that produce extremely tight tolerances. They are designed from your chamber reamer drawing and/or three fired or parent cases, assuring a die that is a true match to your chamber.

Each custom-manufactured die is hand-crafted and polished for an unmatched finish. Elliptical expanders, shell holders, shell plates, trimmer pilots, bullet seating stems and alignment sleeves can be made to fit any bullet of any profile, lead or jacketed. These precision dies give the handloader more control over the loading process. Increase your handloaded ammunition's accuracy on the bench or in the field with Hornady® custom-manufactured dies. Call 800-338-3220.

## WHAT YOU'LL NEED TO ORDER A CUSTOM-MADE DIE:

- ✓ Cartridge Name
- ✓ Bullet Diameter
- ✓ Parent Case
- ✓ Three (3) Fired Cases
- ✓ Chamber Reamer Drawings
- Die Marking

(Up to 12 characters including spaces)

2-DIE SET				
CASE LENGTH	DESCRIPTION	PRICE		
2.60"	Full-Length Die Set	\$198.00		
or less	Neck Size Die Set	\$198.00		
2.601"	Full-Length Die Set	\$220.00		
to 2.999"	Neck Size Die Set	\$220.00		
3.00"	Full-Length Die Set	\$380.00		
or more	Neck Size Die Set	\$380.00		
2-	DIE SET MATCH GRA	DE		
CASE LENGTH	DESCRIPTION	PRICE		
2.60"	Full-Length Die Set	\$242.00		
or less	Neck Size Die Set	\$242.00		
2.601"	Full-Length Die Set	\$264.00		
to 2.999"	Neck Size Die Set	\$264.00		
3.00"	Full-Length Die Set	CALL		
or more	Neck Size Die Set	CALL		
	3-DIE SET			
CASE LEN	PRICE			
2.60" or less		\$231.00		
2.601" to 2	2.999"	\$253.00		
3.00" or m	ore	CALL		
	4-DIE SET			
DESCRIPT	PRICE			
Handgun	\$275.00			
R	ADIUS SHOULDER DI	ES		
DESCRIPT	TION	PRICE		
2.60" or le	ess	\$231.00		
2.601" to 2	2.999"	\$253.00		
3.00" or m	CALL			

SINGLE FORM DIE					
CASE LENGTH					
	Form Die	\$105.00			
2.60" or less	Form Die with Reamer	\$176.00			
	File Type Trim Die	\$121.00			
	Form Die	\$121.00			
2.601" to 2.999"	Form Die with Reamer	\$198.00			
	File Type Trim Die	\$132.00			
	Form Die	CALL			
3.00" or more	Form Die with Reamer	CALL			
	File Type Trim Die	CALL			

SINGLE CUSTOM DIE			
CASE LENGTH	DESCRIPTION	PRICE	
2.60" or less	Neck Size Die	\$165.00	
	Full-Length Die	\$165.00	
	Expander Die	\$110.00	
	Bullet Seating Die	\$94.00	
	Taper Crimp Die	\$110.00	
	Body/ Shoulder Bump	\$165.00	
	Neck/ Shoulder Bump	\$165.00	
	Match Grade FL Size	\$209.00	
	Match Grade Neck	\$209.00	

Prices based on 7/8" x 14 die stock 22-50 cal.

Note: For case diameters over .585", under .250", or non-standard bullet diameters, call for price.

Call for delivery and lead times. Payment due at time of order. No returns or cancellations.

1" x 14 Dies - call for price 1¼" x 12 Dies - call for price

1½" x 12 Dies - call for price

	SINGLE CUSTOM DIE	
2.601" to 2.999"	Neck Size Die	\$187.00
	Full-Length Die	\$187.00
	Expander Die	\$121.00
	Bullet Seating Die	\$99.00
	Taper Crimp Die	\$121.00
	Body/ Shoulder Bump	\$187.00
	Neck/ Shoulder Bump	\$187.00
	Match Grade FL Size	\$231.00
	Match Grade Neck	\$231.00
3.00" or more	Neck Size Die	CALL
	Full-Length Size Die	CALL
	Expander Die	CALL
	Bullet Seating Die	CALL
	Taper Crimp Die	CALL
н	DRAULIC FORM DIE I	CIT
DESCRIPTION		PRICE

CUSTOM ACCESSORIES			
DESCRIPTION	PRICE		
AP Shell Plate	\$149.00		
Universal Shell Holder	\$70.00		
Case Trimmer Pilot	\$80.00		
Elliptical Expander	\$80.00		
Custom Mandrel under .375"	\$80.00		
Neck-Turning Mandrel over .375"	\$80.00		
Bullet Seating Stem	\$70.00		
Bullet Alignment Sleeve	\$95.00		

2.60" or less

2.601" to 2.999"

## Individual Dies & Accessories

#### Universal Decapping Die

Universal decapping die to decap military cases that have swaged primer pockets and are hard on conventional sizing/decapping dies.

No. 050085





## Die Set

For loading blanks, this set produces a star crimp for all popular cartridges from 223 through 45-70. Compatible with 7/8" x 14 TPI presses.

No. 544591



#### **Taper Crimp Dies**

This die removes the flare from the case mouth and crimps the case mouth around the bullet while maintaining a sharp edge for proper headspace. Improves feeding of reloaded cases in semiautomatic handguns.

TAPER CRIMP DIES	ITEM NO.
9mm Luger/9x21/38 Super Auto/380 Auto	044170
350 Legend	045800
40 S&W – 10mm Auto	044171
45 Auto/AR/Win Mag	044172
450 Bushmaster	044176
454 Casull	044588
460 S&W Mag	044722
480 Ruger/475 Linebaugh	044174
500 S&W Mag	044702



#### 1911 Auto Primer Tube Filler

Shorten your primer tube filling times with this fast and fun Hornady® 1911 Auto™ Primer Tube Filler. The ergonomic handle positions the tray at

an optimum angle for feeding primers and fills a 100-count primer tube in 10-15 seconds. Includes small and large trays and tubes. Batteries not included.

No. 050098

#### Sure-Loc™ **Lock Rings**

Upgrade your dies with our Sure-Loc<sup>™</sup> Lock Rings. Allows precise adiustments of all standard 7/8"-14 dies and accessories.



Clamps around the whole die and won't damage the threads. Applies constant pressure across the threads to hold the ring in place.

Wrench Flats: Remove and replace dies without pliers damaging the lock ring.

No. 044000 6 Pack No. 044606

#### Hornady<sup>®</sup> Die Wrench

Fits the flats of the Custom Grade<sup>™</sup> dies spindle assembly, lock rings and die body.

No. 396490

#### Lock-N-Load® **Deluxe Die** Wrench



The Deluxe Die Wrench holds the shell plate and keeps it from rotating while you change plates and tighten the main press screw. It also adjusts the tightness of the spindle lock and the lock rings, and can tighten or loosen the die flats.



#### Click-Adjust Bullet Seating Micrometer

Precisely set bullet seating depth, just like dialing a scope turret, in click adjust .001" increments. It's a quick and easy way to achieve benchrest accuracy and consistency without the extra cost

of another seating die. Hornady ® die sets already include an in-line seater; simply replace the standard seating adjustment stem with the Click-Adjust Bullet Seating Micrometer.

No. 044097

#### Lock-N-Load® Light Strip

Light up your press with the Hornady® Lock-N-Load® Light Strip. With an adhesive backing, the Lock-N-Load® Light Strip can be used on any press or location on your reloading bench for extra light to help eliminate shadows, making safety and



quality checks easier than ever. The Lock-N-Load® Light Strip features LED lights for a long life and plugs into a standard 110V outlet.

No. 044661



#### Quick Detach Reloading Mounting System

- Quickly and easily attach and detach presses and other reloading tools.
- Maximizes production when bench space is limited.
- Two cam locks keep plate stable during use and allow quick release for easy tool changeovers.
- Mounting hole configurations fit a variety of presses including the Lock-N-Load® AP, Lock-N-Load® Iron Press, Lock-N-Load® Classic, 50 BMG and 366 Auto Shotgun Press. Also fits the Lock-N-Load® Bullet Feeders, Cam Lock™ Trimmer, Lock-N-Load® Concentricity Tool, and the Neck Turning Tool.

**Quick Detach Mounting Plate System** (16.5"× 5"× 2.5") **. No. 399697** 

Quick Detach Mounting Plate Only (14.5" x 5"). . . . . . No. 399698



#### Lock-N-Load® Primer Pick-up Tube Kits

Stocking your reloading bench with extra primer pick-up tubes will allow you to load more rounds without stopping to refill primers. Compatible with the Lock-N-Load®  $AP^{\text{TM}}$  and Lock-N-Load® Iron  $Press^{\text{TM}}$ 

3 Pack Large Primer Pick-Up Tube No. 398511

3 Pack Small Primer Pick-Up Tube No. 398509

(Not compatible with 1911 Auto Primer Tube Filler)



One of the first responsibilities of owning a gun is properly securing it when not in use. But more than that, protecting your firearms and other valuables just makes sense. Hornady makes it easy with a variety of safes, vaults and accessories for your home, your vehicle or however you travel. By utilizing patented RFID technology, Hornady Security® RAPiD® Safes offer the quickest, most dependable access to your firearm while providing unmatched security from unauthorized users.

As a firearms owner, you have many options for storage devices to fit your lifestyle and home. On the following pages, you'll find security products for handguns, rifles and shotguns. Explore the storage options, including products on Snapsafe.com, to see what we have available and determine what will work best for your situation.





# Access all your Hornady® RAPiD® Safes with a single RFiD tag.

No matter the number of RAPiD® Safes you own, one tag can open them all. Simply program your preferred RFiD tag (watchband, key fob or adhesive decal) then hold over the reader and the safe opens for quick access.

By using RFiD technology, there's no need to find a key, register a fingerprint, or remember a combination.

Hornady offers a wide selection of RAPiD® Safes, from one and twogun safes up to the Ready Vault™ that holds up to 8 long guns and 14 handguns.

Fast and dependable touch-free entry with patented RFID technology.



Watchband Tag



Key Fob



Adhesive Decal

## EVERY RAPID® SAFE COMES WITH MULTIPLE RFID TAGS

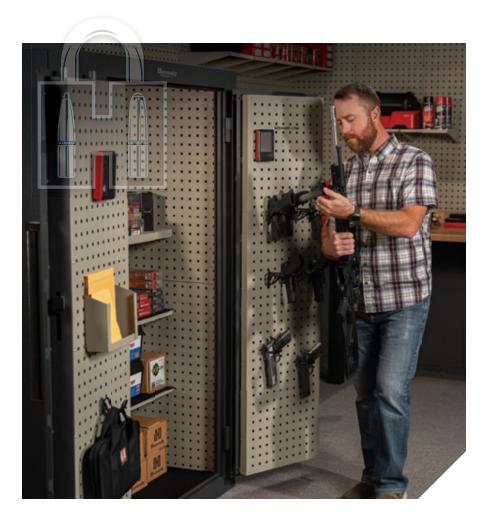
Every Hornady Security® RAPiD® Safe can be programmed to read up to five different RFID tags.

Various tags and accessories are available. RFID decals can be placed on your phone or any other convenient placement.





\*IMPORTANT: Do not store loaded firearms in any safe or lock box. Follow local, state and federal laws for firearm storage and transport. Check TSA regulations and airline policies before traveling with any portable safe. Check dimensions of your firearm against safe's internal dimensions. Firearm and firearm accessories not included.









## Mobilis Safes NEW

Discover the ultimate solution for safeguarding your valuable firearms, ammo and gear with Hornady Security® Mobilis® Safes. These safes offer an innovative modular design that ensures you get the security you need when you want. Gone are the days of struggling with moving companies or installers – the Mobilis® Safes can be transported and assembled piece by piece in any room of your choice. The included tool kit provides everything required for assembly, giving you the power to set up your safe in a matter of minutes.

#### **FEATURES:**

- Thick 9 gauge 2-ply steel exterior walls with pry-resistant 3/16" solid steel door and non-breach seal.
- Nine to fourteen 1-inch steel live locking bolts (depending on model).
- Square-Lok® interior organizing system maximizes storage space.
- Metal Square-Lok® shelves and rifle/ pistol gun racks can be configured to suit your needs.
- Additional Square-Lok® accessories can be purchased separately.
- Built-in 120V outlet and USB power strip.
- Protective shelf and floor mats.

- 2300°F one-hour Fire Shield protection and heat-activated door seals.
- Durable powder-coated finish in matte grey.
- Stylish black nickel handles and keypad.
- UL Listed digital lock with EMP mechanical key backup.
- Pre-drilled for floor mounting.
- Lifetime warranty.
- Delivered right to your door.
- Manage your personal security code for 100% privacy.

SEE OUR FULL LINE OF
SQUARE-LOK\*
A C C E S S O R I E S
ON PAGES 149-152



#### Mobilis® Safe *NEW* Single Door

No. 95070

Exterior: 22"W x 59"H x 18"D\*

(\*add 2" for handle) Interior: 18"W x 53.5"H x 14.4"D



Mobilis® Safe *NEW*Double Door

No. 95071

Exterior: 34"W x 59"H x 25"D\*\*

(\*\*add 2.6" for handle)

Interior: 30"W x 52.5"H x 21.4"D



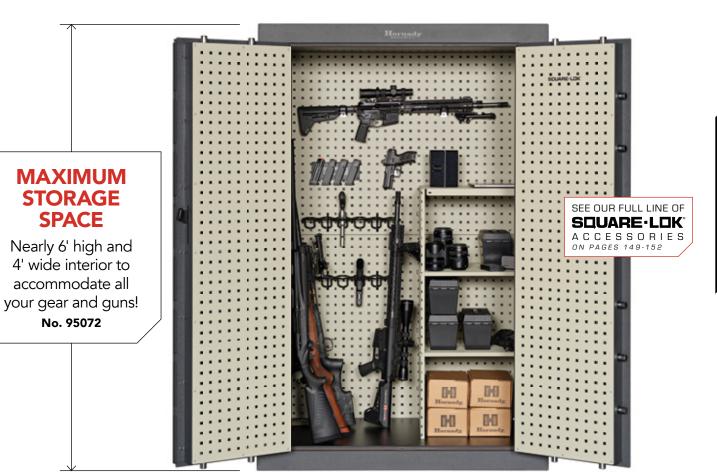
Mobilis® Safe NEW Double Door MAX

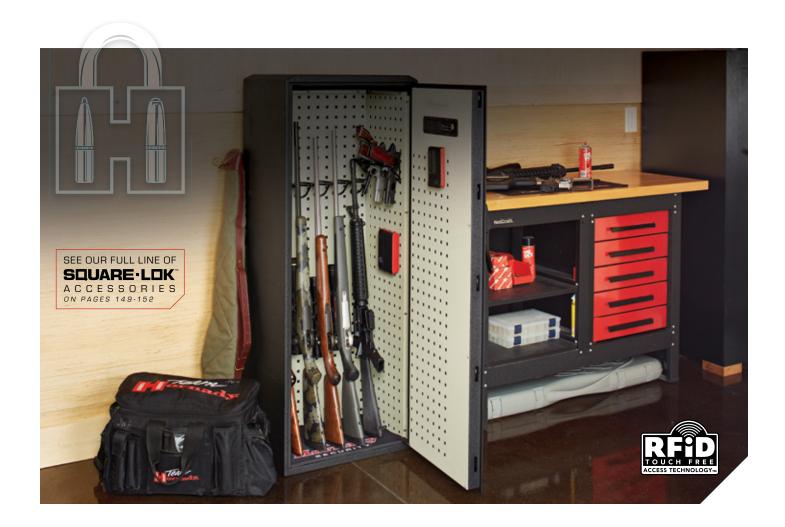
No. 95072

Exterior: 46"W x 71"H x 31"D\*\*

(\*\*add 2.6" for handle)

Interior: 42"W x 65.5"H x 27.4"D









## RAPiD° Safe Ready Vault™

Available in two sizes, the Square-Lok® interior provides numerous configurations for maximum storage flexibility. Rearrange racks or purchase additional Square-Lok® accessories as needed. The Ready Vault™ provides organized space to keep all your guns and gear secure.

#### WIFI CONNECTIVITY KEEPS YOU INFORMED

Keep tabs on your Ready Vault<sup>™</sup> safe through your smartphone. Download the Hornady Security<sup>®</sup> app and receive an alert when the safe is unlocked.



#### **ADAPTABLE STORAGE**

Square-Lok® gun racks (included) and other accessories (sold separately) fit wherever you choose on metal interior walls. The Hornady Security® line of LED lights, shelves, gun racks, hygrometer and dehumidifiers are Square-Lok® compatible.

#### PATENT PENDING GUN RACKS

Dual-purpose gun racks use spaces between barrels to accommodate up to eight long guns and 14 handguns. PVC coating protects the guns' finish while deep standoffs provide room for large optics.

#### PADDED FLOOR MAT

Neoprene floor mat prevents gun stocks from slipping and allows long guns to be stored safely upright.

#### **SAFE AND READY**

AC and battery power ensure your gun and other valuables are protected and ready 24/7.





#### RAPiD® Safe Compact Ready Vault™ w/ WiFi

No. 98196WIFI

Exterior: 52.2"x 10"x 10"\* (\*add 1.7" for handle) Interior: 51.8"x 9.8"x 8" Weight: 70 lbs.

#### **Metal Shelf**

Designed to fit the RAPiD® Safe Compact Ready Vault™ but compatible with other Square-Lok® products. 25 pound weight capacity. 9"x 6"

No. 98253

#### RAPiD® Safe Ready Vault™ w/ WiFi

No. 98195WIFI

Exterior: 52.2"x 20"x 15.1"\* (\*add 1.7" for handle) Interior: 51.8"x 19"x 12.7" Weight: 170 lbs.

#### Ready Vault™ Shelf Kit

For use in the RAPiD® Safe Ready Vault™. 100 pound weight capacity. 18.5"x 10"

No. 98252



#### NEW ,

#### **Welded Gun Cabinets**

This fully welded security cabinet secures firearms that are up to 53 inches long. The anti-pick three point key lock system means only key holders have access. It has storage capacity for everything from rifles, shotguns, and handguns to gear and supplies. Pry-resistant concealed hinges prevent tampering.

- High quality steel paired with three-point locking mechanism and barrel key lock provide peace of mind.
- Fully adjustable shelf and gun racks.
- Shelf accommodates extra-long shotguns and rifles.
- Heavy-duty PVC coated gun racks.
- Neoprene floor mat.

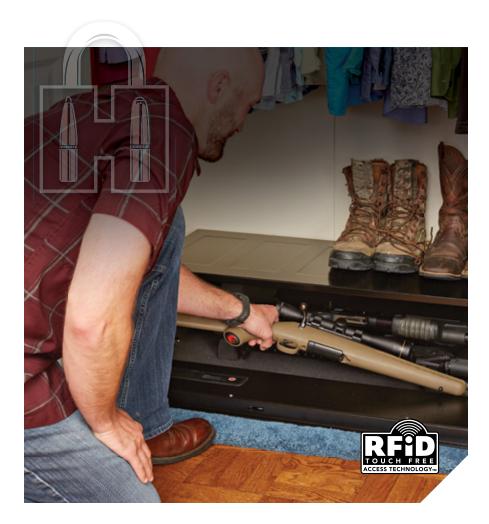
8-Gun Welded Cabinet No. 95102 (53"H x 17"W x 11"D)

10-Gun Welded Cabinet No. 95103 (53"H x 17"W x 13.4"D)

12-Gun Welded Cabinet No. 95104 (53"H x 20"W x 15"D)









Mount horizontally or vertically.







## RAPiD<sup>®</sup> Safe AR Gunlocker

The AR Gunlocker stows neatly under a bed, in a closet or the back of an SUV, providing total security with its fully enclosed design. Available in two sizes, secure up to three tactical-length rifles or shotguns and access them quickly and efficiently, thanks to RFID technology.

#### **VERSATILE AND SECURE**

Mount horizontally or vertically, and secure to wall, floor or other stationary object with pre-drilled mounting holes or included security cable.

#### **EASY, CONVENIENT ACCESS**

Spring-loaded door opens when unlocked to provide instant access to carbine-length weapons.

#### **CERTIFIED CHILD-RESISTANT**

Exceeds ASTM International and California DOJ safety standards for child and pry resistance, lock strength, drop/pick/saw tests and hinge attack resistance.

#### PROTECTIVE INTERIOR

Padded interior and foam gun mounts preserve firearms' appearance.



#### No. 98190

Holds up to two tactical length rifles.\*

Exterior: 42"x 15.25"x 6.75" Interior: 40.5"x 13.5"x 5.5" Weight: 50 pounds













## RAPiD<sup>®</sup> Safe Night Guard<sup>®</sup>

The RAPiD® Safe Night Guard® keeps your handgun as close as your nightstand. RFID technology offers the quickest, most dependable access to your firearm while providing unmatched security from unauthorized users.

#### **DISCREET DISPLAY PANEL**

Hidden in plain sight, the tempered glass front panel displays a digital clock while disguising the RFID reader and access code keypad.

#### **SPRING-ASSIST DRAWER**

Drawer slides open quickly and quietly to reveal padded interior. Accommodates most full-size handguns and/or other valuables.

#### **USB PORTS**

USB ports provide convenient charging for cellphones or other devices.

#### SAFE AND READY

AC and battery power ensure your gun and other valuables are protected and ready 24/7.

#### **CERTIFIED CHILD-RESISTANT**

Exceeds ASTM International and California DOJ safety standards for child safety and pry resistance, lock strength, drop/pick/saw tests and hinge attack resistance.



No. 98215

Weight: 18 lbs.

Exterior: 12"x 10.5"x 3"

Interior: 9.2"x 6.9"x 2.2"











# RAPiD<sup>®</sup> Safe Keypad Vault

Secure handguns and other valuables while maintaining convenient access with the fast, dependable entry that is the hallmark of RAPiD® Safe and its RFID technology. Big enough for two handguns but small enough to fit in a drawer or atop a shelf, this is one of our most affordable RFID-enabled RAPiD® Safes.

#### **PROGRAMMABLE RFID TAGS**

Two included RFID tags can be selectively programmed to open the Keypad Vault and any other RAPiD® Safe you own.

#### THREE ENTRY METHODS

Use the patented RFID reader, keypad code or backup key.

#### **TOP-NOTCH SECURITY**

Featuring heavy-duty, tamper-proof steel construction, vault includes pre-drilled holes for permanent mounting.

Exterior: 13.1"W x 11.0"D x 3.9"H

Interior: 10.6"x 7.8"x 3.3"

Weight: 13 lbs.

No. 97436





### RAPiD° Safe 2700KP and 4800KP

These RAPiD® Safes provide convenient, tamper-proof security for handguns and other valuables while you're at home or traveling. Their small footprint fits easily on a nightstand or in a suitcase, so your firearm is always protected and ready to go. With three sizes, there's an option for any size handgun.

### **CERTIFIED CHILD-RESISTANT**

Exceeds ASTM International and California DOJ safety standards for child and pry resistance, lock strength, drop/pick/saw tests and hinge attack resistance.

### SAFE AND READY

AC and battery power means your handgun is both protected and ready to go 24/7.

### **MOBILE SECURITY**

Included cable allows safe to be secured to a stationary object. Meets TSA requirements for handgun safety in checked luggage.\*

### RAPiD® Safe 2700KP (X-Large)

No. 98172

Fits most 1911-size pistols and 4-inch revolvers.\*

Exterior: 12.7"x 8.7"x 2.9" Interior: 9"x 7.7"x 2.2"

### RAPiD® Safe 4800KP (XX-Large)

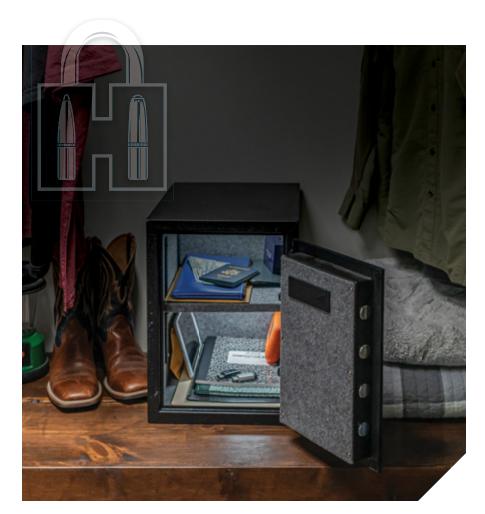
No. 98141

Fits two 1911-sized pistols or one large revolver.\*

Exterior: 10.5"x 12"x 2.9" Interior: 7.2"x 11"x 2.2"











### Fireproof Keypad Safe

The ideal solution for anyone who needs to secure more than one or two handguns but doesn't have room for a full-size vault. The Fireproof Keypad Safe provides robust security and flexible storage for everything from firearms to hobby equipment.

### **SECURE AGAINST THEFT AND FIRE**

Heavy-duty 16-gauge steel body, extra thick 8-gauge steel door and four 1" diameter locking lugs keep out unauthorized users. Safe has a 30-minute fireproof rating up to 1,400° F.

### **FLEXIBLE STORAGE**

Removable interior shelf offers flexible and secure storage of firearms, documents, jewelry, gear, collections, medications and more.

### TWO ENTRY METHODS

Use keypad code or backup key.

Exterior: 12"x 15"x 16.5" Interior: 10.3"x 13.3"x 15"

Weight: 49 lbs.

No. 95407









### **Keypad Vaults**

Whether it's your handgun, cash or a family heirloom, count on these reliable, affordable vaults to keep things safe and out of the hands of unauthorized users. Simple to use and available in three sizes, they're constructed of 16-gauge steel and come with pre-drilled holes for easy mounting to any floor, shelf or other stationary object.

### **CONVENIENT KEYPAD ACCESS**

Programmable four- to six-digit keypad code ensures convenient access to handguns and valuables. Backup key lock comes with two barrel keys.

### INTERIOR ILLUMINATION

Built-in light on the one and two-gun models automatically comes on when opening vault.

### **LOW-BATTERY INDICATOR**

Selectable audio and visible signals indicate when four AAA batteries need replacement.

### Keypad Vault

No. 95432

Fits 1911 size pistols and 4-inch revolvers.\*

Exterior: 12"x 8.3"x 2.6" Interior: 11.5"x 6"x 2.4"



### One-Gun Keypad Vault

No. 95433

In addition to the features mentioned on the left, the One-Gun Vault offers a springloaded door for quick access.

Fits 1911 size pistols and 4-inch revolvers.\*

Exterior: 12.7"x 9.0"x 5.25" Interior: 11.4"x 8.6"x 3"



### Two-Gun Keypad Vault

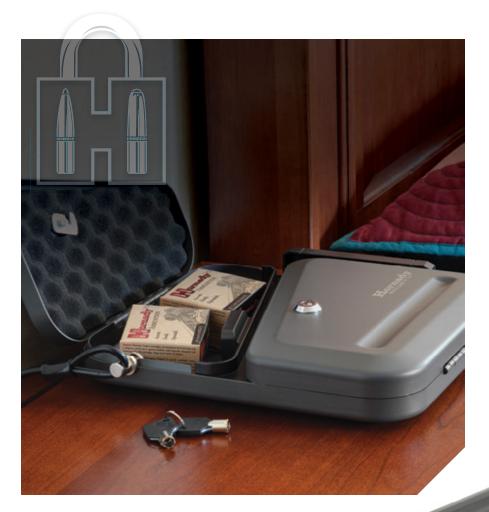
No. 95430

In addition to the features mentioned on the left, the Two-Gun Vault offers a spring-loaded door for quick access and a removable shelf that provides twice the interior space.

Fits 1911 size pistols and 4-inch revolvers.\*

Exterior: 12.7"x 9"x 8.8" Interior: 11.4"x 8.6"x 6.3"







### **Dual-Lid Lock Box**

### SEPARATE COMPARTMENTS FOR GUN AND AMMO

Keep two handguns secure or store ammo safely and separately from your firearm in one space-saving, easy-to-carry lock box.

### **HEAVY-DUTY CONSTRUCTION**

Durable 16-gauge steel housing protects against pry attempts, while premium foam interior cradles and protects valuable contents.

### **CABLE FOR EXTRA SECURITY**

Included steel security cable withstands up to 1,500 pounds of force when secured to any stationary object.

### PATENTED CABLE RECEIVER

Patented, space-saving cable receiver allows maximum storage inside box. Carry handle folds for sleek design.

### **KEYED-ALIKE**

Reliable steel barrel locks open smoothly and come with two keys. Both locks are keyed alike.

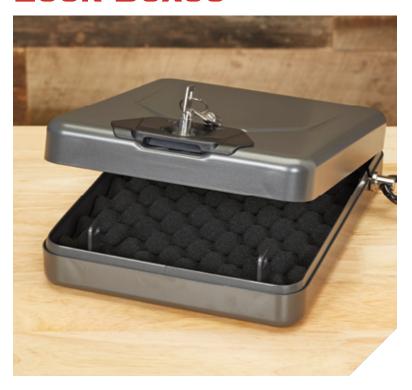


Fits 1911 size pistols and 4-inch revolvers.\*

Exterior: 11"x 10"x 2"



### **Lock Boxes**



### Alpha Elite™ Lock Box

No. 98153

### **BEST-IN-CLASS**

Patented dual crossbar latch mechanism delivers best-inclass security.

### **HEAVY-DUTY CONSTRUCTION**

Tough 16-gauge steel housing with pry-resistant security band and barrel key lock provide tamper-proof construction.

### **INNOVATIVE CABLE DESIGN**

Included steel security cable is rated to 1,500 pounds. Patented cable receiver allows maximum storage space.

### **CERTIFIED CHILD RESISTANT**

Exceeds ASTM International and California DOJ safety standards for child safety and pry resistance, lock strength, drop/pick/saw tests and hinge attack resistance.

Fits 1911 size pistols and 4-inch revolvers.\*

Exterior: 10.25"x 8"x 2.75" Interior: 9.75"x 7.5"x 2.25"



U.S. Design Patent No. D786,047 and US11561066



Patent pending dual crossbar latch mechanism



### TrekLite® Lock Box XXL

No. 95260

Protect firearms, ammunition and other valuables when traveling or at home with this rugged yet lightweight lock box, constructed of advanced, impact-resistant polycarbonate for exceptional toughness.

Fits 1911 size pistols and 4-inch revolvers.\*

Exterior: 12.3"x 10.1"x 3.3" Interior: 11.8"x 8.7"x 3.0"



Our standard lock boxes provide affordable, reliable security for your handguns, cash or jewelry. Durable and easy to operate. Premium foam lining cradles and protects valuable contents.

### Lock Box (Large)

No. 95200

Fits most 4-inch barrel pistols and some 4-inch revolvers.\*

Exterior: 9.5"x 6.5"x 1.75" Interior: 9.25"x 6.25"x 1.5"



### Lock Box (X-Large)

No. 95210

Fits 1911 size pistols and 4-inch revolvers.\*

Exterior: 10"x 7"x 2"

Interior: 9.75"x 6.75"x 1.75"











SCAN TO LEARN MORE



### RAPiD° Safe Shotgun Wall Lock

Keeping a firearm for self-defense hinges on how fast you can retrieve it. Tuck away the RAPiD® Safe Shotgun Wall Lock behind a door or in a closet — anywhere you need quick access. Designed specifically for shotguns, it fits most models, keeping them secure from unauthorized users but ready when personal protection depends on it.

### **VERSATILE AND CONVENIENT**

The Shotgun Wall Lock mounts horizontally or vertically, whichever fits your space best.

### **EASY TO SECURE**

Pre-drilled mounting holes and included hardware make installation quick and simple.

### SAFE AROUND CHILDREN

Exceeds ASTM International and California DOJ safety standards for child and pry resistance, lock strength, drop/pick/saw tests and hinge attack resistance.

### PROTECTIVE INTERIOR

Padded interior protects your shotgun from scratches and marring.

No. 98180

Exterior: 8.5"x 9.2"x 2.7"





### SQUARE-LOK Accessories

1 Square-Lok® NEW Suppressor Rack

Vertically store five 22 Cal. or larger suppressors, protected by PVC-coated steel pegs and foam surface. Fit onto shelf or inside Square-Lok® Bin (item # 95782, not

included). **No. 95799** 

2 Square-Lok® Bin 12" W x 4.5" D x 4.5" H

Removable foam insert cradles handgun and rifle magazines or remove to store larger items.

No. 95782

3 Square-Lok® NEW
Document Holder

Store letter-size documents and other valuables. Durable powder-coated steel construction. Locks into Square-Lok® panels with included nut grommets.

No. 95770

4) Gun Racks

Store up to six handguns and five long guns in spaces between with no dead space. PVC coating protects firearms.

U.S. Patent US11561066

4-Gun No. 95793

5 Square-Lok® NEW Peg Hook (2 Pk)

Hang tools, accessories and more on dual 2" long PVC hooks. Lock into Square-Lok® panels with included nut grommets.

No. 95789

6 Square-Lok® NEW
Multi-Pistol Peg Rack

Angle PVC-coated steel pegs to the left or right to store 22 Cal. and larger handguns. Locks into Square-Lok® panels with included nut grommets.

No. 95796

7 Square-Lok® NEW 4" Single Peg Hook (2 Pack)

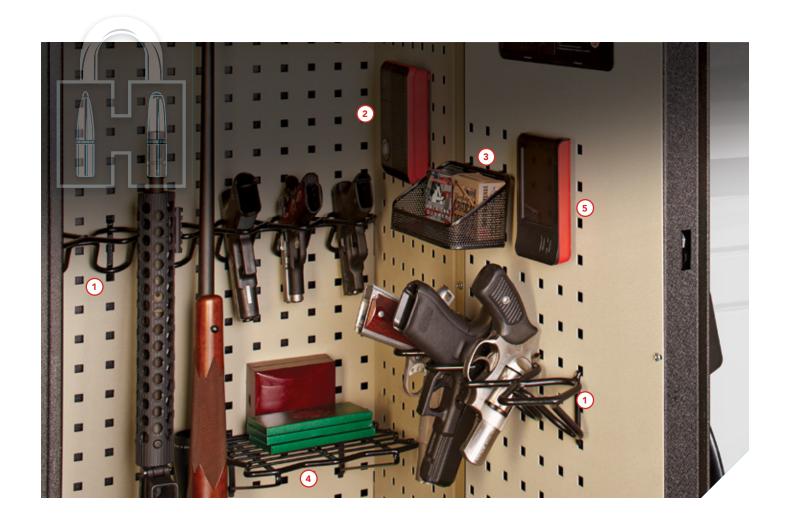
Hang tools, bags and more with 4" long plated hooks. Lock into Square-Lok® panels with included nut grommets.

No. 95798

8 Square-Lok® *NEW* 6" Single Peg Hook (2 Pack)

Hang tools, bags and more with 6" long plated hooks. Lock into Square-Lok® panels with included nut grommets.

No. 95797



### SQUARE-LOK Accessories

Maximize the space in your safe, gun room or work bench with the revolutionary Square-Lok® modular organizing system. Accessories lock in easily and hold firmly for countless storage configurations. Choose the pieces you need and the arrangement that works best for you.

### (1) Gun Racks

There's no dead space with these racks, which store up to six handguns and five long guns in the spaces between. PVC coating protects firearms.

U.S. Patent US11561066

2-Gun No. 95792 4-Gun No. 95793 6-Gun No. 95794



### 2 Rechargeable Gun Safe Dehumidifier

Absorb humidity and prevent rust or mildew in gun safes and other enclosed areas. Moisture-control crystals change from blue to pink when unit needs recharging.

No. 95900

### (3) Parts Bin

No more misplacing smaller items. This bin keeps small parts organized and close at hand.

No. 95791

### (4) Wire Shelf

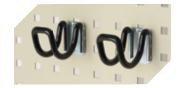
Constructed of PVC-coated steel. Notched perimeter supports rifle barrels. 25 pound weight capacity. 9"x 9"

No. 95790

### 5 Digital Hygrometer

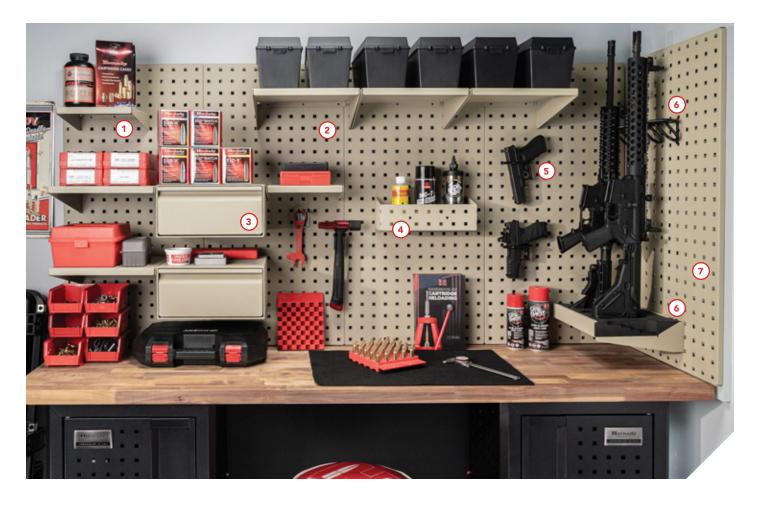
Large touchscreen displays high/ low for temperature and humidity in Fahrenheit or Celsius. Install quick-connect bracket on interior door or wall of safe or vault room, or use fold-out stand. Requires two AAA batteries (not included).

No. 95909



Square-Lok® Long Gun Horizontal Hook Set

No. 95786



1 9" x 9" Metal Shelf

Weight capacity of 25 pounds when evenly distributed.

No 95780

(2) 12" x 12" Metal Shelf

Weight capacity of 25 pounds when evenly distributed.

No. 95781

(3) Square-Lok® Drawer 12" W X 12" D X 6" H

> Ball bearing drawer slides provide stable and smooth operations. Capacity of 40 pounds when evenly distributed.

No. 95783

4 Square-Lok® Bin 12" W x 4.5" D x 4.5" H

> Removable foam insert cradles handgun and rifle magazines or remove for larger items like binoculars, tools or other equipment.

No. 95782

5 Square-Lok® Pistol Rack Single - Vertical

Designed to hold most handguns in a vertical orientation. PVC coating won't scratch or damage handgun finish.

No. 95784

6 Square-Lok® Long Gun Vertical Support Kit

Patent pending dual-purpose gun rack uses space between barrel rests to accommodate up to four handguns. Includes one 12" x 12" support shelf and one PVC coated barrel rest/gun rack. Support shelf locks into Square-Lok panels with integrated hooks and expanding nut grommets. Deep standoffs provide room for larger diameter scopes and tall turrets.

No. 95785

Square-Lok® Panels

Ideal for displaying prized firearms or providing convenient access to tools and gear. Mount vertically or horizontally and adjoin to other panels to build a wall of Square-Lok panels.

12" W X 18" H No. 95787

18" W X 36" H No. 95788

# Safe Accessories



### Rechargeable Gun Safe Dehumidifier

Absorb humidity and prevent rust or mildew in gun safes and other enclosed areas. Moisture-control crystals change from blue to pink when unit needs recharging. Recharge by plugging into 110V electrical outlet.

No. 95900



Install quick-connect bracket on interior door or wall of safe or vault room.



Gun Safe Dehumidifier Rod



Just plug it in for a permanent, maintenance-free solution for humidity control in gun safes and small enclosures. Dehumidifier Rod minimizes condensation, mildew and dampness. Coverage is approximately 100 cubic feet. Quick-change plugs allows easy installation.

12-inch No. 95903



### Digital Hygrometer

Large touchscreen displays high/low for temperature and humidity in Fahrenheit or Celsius. Install quick-connect bracket on interior door or wall of safe or vault room, or use fold-out stand. Requires two AAA batteries (not included).

No. 95909

SQUARE-LOK° ACCESSORIES SEE PAGE 149

### Wireless Hygrometer

Remote sensor measures temperature and humidity inside your safe. Hygrometer features a large touchscreen and displays high/low in either Fahrenheit or Celsius at both the base and remote units. Use the integrated stand or mount with magnets, hanging hole

No. 95907



\*IMPORTANT: Do not store loaded firearms in any safe or lock box. Follow local, state and federal laws for firearm storage and transport. Check TSA regulations and airline policies before traveling with any portable safe. Check dimensions of your firearm against safe's internal dimensions. Firearm and firearm accessories not included.

or Square-Lok® mount.



### **Canister Dehumidifiers**

Protect your valuables against rust and corrosion. When the desiccant crystals change color, recharge unit by placing it in a warm oven. Unlimited recharges ensure a lifetime of use.

### Canister Dehumidifier XL 1500g of desiccant No. 95906



Canister Dehumidifier 750g of desiccant No. 95902

### Rapid Dry™ Dehumidifier Stone

Sized perfectly for gun cases, the Rapid Dry™ Dehumidifier Stone can be recharged in the microwave.

No. 95898



### Reusable Dehumidifier Bag

Prevent moisture damage in gun safes, cabinets and other enclosed areas. Recharge in warm oven for infinite reuse.

450g of desiccant No. 95908



### Cordless LED Safe Light

Twenty white LEDs provide 70 lumens of light for gun safes, closets, cabinets, drawers and corridors. With on/off/auto modes, light bar can be set to illuminate when motion is detected and shut off after 20 seconds. Includes two magnetic bases for attaching to metal walls or doors.

No. 96001



# Safe Accessories



Protect belongings by using this all metal TSA-recognized padlock that allows TSA screeners to inspect luggage without damaging the locks.

2-Pack No. 96022



### **Premium Safe Anchoring Kit**

The Premium Safe Anchoring Kit includes everything needed to secure your safe to a concrete floor. Four polymer shims help level the safe in place, while the included carbide concrete bit can be used to drill holes in the concrete floor. Place the anchor bolts into the drilled holes and tap into place with a hammer. Tighten the nuts with the included socket until the anchors expand into place.

No. 95851





### Magnetic Accessory Mount

Powerful rare earth magnets securely hold metal ammo magazines, tools, or other metal accessories. Rubber coating protects firearms and accessories. Can be attached directly to metal cabinet surfaces, or use the included screws to mount nearly anywhere.

No. 95913



### Magnetic Gun Mount

Powerful rare earth magnets rated for 43 lbs. Rubber coating protects firearm and accessories. Compact design and included mounting screws allow installation nearly everywhere.

No. 95910



### **Pistol Racks**

Maximize storage in your gun safe or cabinet. PVC coating won't scratch or damage your gun's finish.

4-Gun Pistol Rack Dimensions: 5.1"x 9"x 6.7" No. 95820



8-Gun Pistol Rack Dimensions: 5.1"x 18"x 6.7" No. 95840





### Magnum Hanging Basket

This basket slides neatly onto a ½-inch to 1-inch shelf in your safe, closet or cabinet, creating additional space for legal-sized documents and supports 40 pounds.





### Universal Handgun Hangers

PVC-coated hardened steel hangers accommodate heavy handguns (22 caliber and larger). Slide onto ½-inch to 1-inch thick shelf.

No. 95870



### **Magnetic Safe Hooks**

Position these hooks on the corner of any gun safe or metal surface to securely store gear such as gun cases, binoculars and range bags. Hooks are rated for 15 pounds and are secured with heavyduty magnets.

2-Pack No. 95911



## Hornady<sup>®</sup> Apparel

For more Hornady® apparel, visit hornadygear.com





Solar Hoodie

UPF 50+ sun protection. 100% polyester. Imported.

No. 99692 (S-XXXL)



Hornady® Flannel Shirt

100% cotton. Internal shirttail microfiber lens cleaner. (Sunglasses not included.)

No. 99602 (S-3XL)



Gray Crewneck Sweatshirt

Front logo. Poly-cotton blend. Imported.

No. 99604 (M-3XL)



Camo Solar Hoodie

Back and front chest logos. 100% polyester. Imported.

No. 99599 (S-XXXL)



Camo Hoodie

Front logo. Poly-cotton blend. Imported.

No. 99596 (M-XXXL)



**Gray Hoodie** 

Front logo. Poly-cotton blend. Imported.

No. 99598 (M-XXXL)



Performance ¼ Zip

Front chest logo. 100% polyester. Imported.

No. 99597 (M-XXXL)



Hornady® T-Shirts

Back and front chest logos. Poly-cotton blend. Imported.

OD Green No. 99600 (M-XXXL) Red No. 99601 (M-XXXL)



Hornady® Polo Shirts
Poly-cotton blend. Embroidered Hornady® logo. Imported.

Red No. 99731 (M-XXXL) Black No. 99771 (M-XXXL)

### Hornady® Caps



Retro Red Cap Hornady logo.

No. 99218



Red & White Mesh Hornady logo.

No. 99231



Blue & Khaki Hornady logo.

No. 99210



Steve Hornady "Signature" Mesh Boonie

Embroidered logos, one size fits most. Mesh side panels keep the bean cool. Imported.

Embroidered logos, one size fits most.

No. 9942

Imported.



Camo Mesh

No. 99213



Blaze Orange Hornady logo.

No. 9921



Black

Hornady logo.

No. 99211

Est. 1949.



Black & Red Mesh Est. 1949.

No. 99214



Hornady® Beanies

OD Green Fleece No. 99399



Hornady logo.

No. 99215



OD & Tan Mesh Hornady logo.

No. 99284



Hornady® Neck Gaiter

Imported. 100% polyester

No. 9926



Tri-Color Mesh Retro.

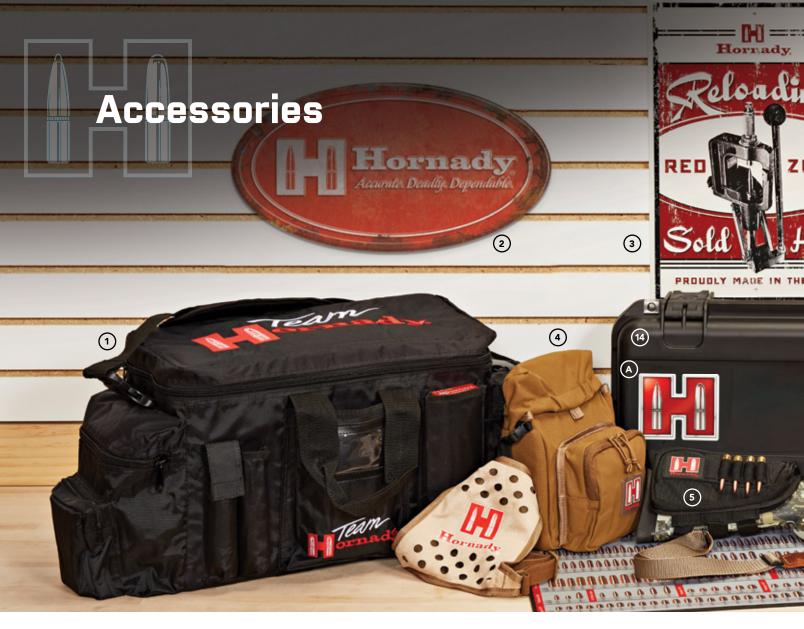
No. 99216



Gray & Black Mesh Hornady logo.

No. 99217

Caps and apparel colors and styles may vary. Subject to change without notice. Limited quantities available, please check for availability when ordering.



1 Team Hornady® Range Bag

This durable nylon range bag has large compartments for the range shooter or uniformed officer. With embroidered Team Hornady® logos, this range bag can carry a variety of accessories. Imported.

No. 9919

2 Hornady® Rustic Oval Tin Sign

.024" Thick Aluminum. 18"W x 12"H.

No. 99144

Reloading Red Zone Tin Sign
Measures 18" x 12". Made in the USA.
No.99130

(4) Binocular Case

Protect your binoculars, range finder, GPS or spare ammo with this quiet quick-access case. Built from tough, nylon Cordura® with a micro fiber liner and padded sides, the case features heavyduty zippers and X-panel harness that distributes weight over four elastic straps. Measures 7.5" x 10.2" x 3.4".

No. 99128

### (5) Hornady® Shooters Cheek Pad

Made of tough, nylon Cordura® with elastic loops and a zippered accessory pouch, this stock pad is the perfect accessory for your rifle. This versatile pouch can hold five cartridges on the exterior while providing a padded cheek weld. Available in left or right-handed models. Imported.

Black RH No. 99108 Black LH No. 99113 Tan RH No. 99110

(6) Lock-N-Load® Bolt Ball

This accessory enables better bolt handling for faster reloads and is easy to grip when shooting with gloves. No altering of the original bolt required. It adapts to most conventional round bolt handles.

No. 99123

(7) Universal Sling

Developed by the Hunter Company of Colorado, this durable leather and nylon sling is built to endure the toughest hunts.

No. 99107

(8) Hornady® 17" Neon Clock

Light up any room with the Hornady® 17" Retro Neon Clock! Featuring a chrome frame, and red and white neon. The light runs via power cord and the clock requires AA batteries (not included).

No. 99125

(9) Binocular Harness

Designed for comfort and flexibility, this harness distributes the weight of your binoculars over the four elastic straps and form-fitting X panel, alleviating neck pain. Easy to put on and take off, the X panel on the back features an imprinted Hornady® logo.

No. 99121

10 Joyce Hornady Tin Sign

Measures 18" x 12". Made in the USA. **No.99112** 



### 11) Hornady® Soft Pistol Case

Designed in collaboration with our friends at TUFF® products, this case features a rubber Hornady® embossed patch and can accommodate one semi-automatic handgun and five magazines, or one 5.5 inch barreled full size revolver and two speed loaders. Dimensions: 8½" x 13½" and 1½" thick (when empty). Heavy-duty YKK zipper and tough, nylon Cordura® are used for strength and durability. Imported.

No. 99117

### (12) Hornady® Buck® 110 Knife

Our 110 folding hunter knife features a Macassar Ebony Dymondwood handle and nickel-plated bolsters. The blade is made of 420 HC stainless steel for years of reliable use. Made in the USA.

No. 99126

### (13) "Moose" Velcro Patch No. 9900

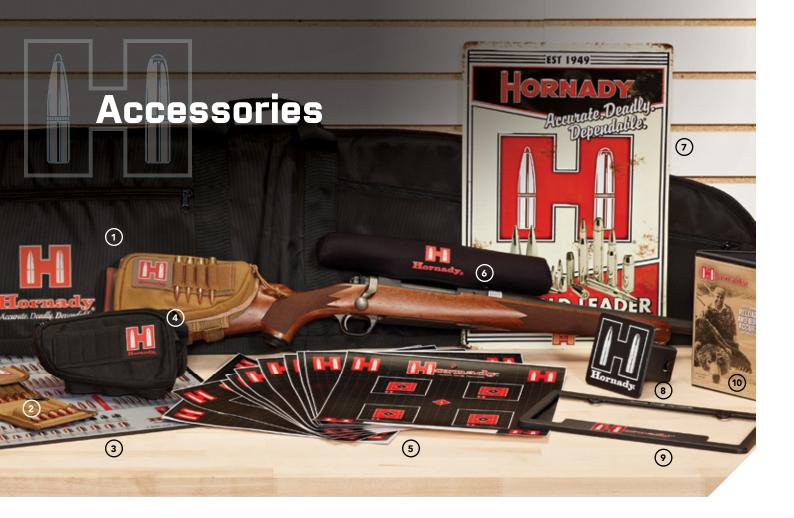




Moose, the office mascot, roams the hallways at Hornady and greets visitors when they arrive.

- Hornady® Stickers
  Left to right on gun case.
- A Red H Transfer Sticker No. 98013
- B Fueled by Hornady® Vinyl Transfer No. 98016
- C Fueled by Hornady® No. 98002
- D Team Hornady® No. 98003
- (E) Team Hornady® Antlers No. 98006
- (F) Red Hornady® Logo No. 98004
- G Law Enforcement No. 98000
- (H) Get Loaded® No. 98014

Shooting accessories colors and styles may vary. Subject to change without notice. Limited quantities available, please check for availability when ordering. Hard sided case not for sale.



1 Hornady® Soft Rifle Case

This 51.5-inch padded rifle case features two exterior zippered pockets and is made of tough, nylon Cordura® for strength and durability. Imported.

No. 99120

(2) Hornady® Ammo Pouch

In working with our friends at TUFF® products, we offer a simple ammunition pouch for those who want to keep several cartridges on hand and want the flexibility to have them readily available. With Velcro® closure, the pouch includes 10 elastic loops and an interior pocket. Imported.

Tan No. 99116

(3) Reloading Counter Mat

The ultimate reference tool for your reloading bench, this non-skid bullet mat features the Hornady® bullet line with corresponding caliber, diameter, weight, ballistic coefficient, sectional density, and item number.

No. 99102

### 4 Hornady® Shooters Cheek Pad

Made of tough, nylon Cordura® with elastic loops and a zippered accessory pouch, this stock pad is the perfect accessory for your rifle. This versatile pouch can hold five cartridges on the exterior while providing a padded cheek weld. Available in left or right-handed models. Imported.

Black RH No. 99108 Black LH No. 99113 Tan RH No. 99110

(5) Lock-N-Load® Targets

Hornady Lock-N-Load® Targets feature a half-inch grid pattern and multiple aiming points. Vivid white bullet holes provide longrange visibility without binoculars or spotting scopes. Immediate feedback makes target practice fun and productive.

10 Pack No. 9963 100 Pack No. 9963B

(6) Hornady® Scope Cover

Safeguard your scopes from dings, scratches, dirt and moisture. Constructed of high quality neoprene that wicks moisture away from the scope and helps protect it from rust and corrosion. Will not work on scopes with tall target-style turrets.

No. 99133

7 World Leader Tin Sign

Measures 18"  $\times$  12". Made in the USA.

No.99101

(8) Hornady® Hitch Cover

Fits most 2-inch hitch receivers with snap clips to hold it in place.

No. 99132

9 Hornady® License Plate Frame

This plastic license plate frame features the Hornady® logo on the bottom and our "Accurate. Deadly. Dependable.®" slogan on the top. Made in the USA.

No. 99119

10 Joyce Hornady on Reloading & Bullet Accuracy DVD

> Widely acclaimed by shooters, this informative video is for reloading pros and beginners alike. Bonus feature includes an introduction to metallic reloading by Steve Hornady.

No. 9979



### Hornady® Buck Knife

No. 99143



### Hornady® Buck® 110 Knife

Our 110 folding hunter knife features a Macassar Ebony Dymondwood handle and nickel-plated bolsters. The blade is made of 420 HC stainless steel for years of reliable use. Made in the USA.

No. 99126



Hornady® 18" Clock

No. 99146



Hornady® Sticker Sheet

No. 98019

Hornady® Bullet Guide 35"x14" Counter Mat

Shown at bottom.

No. 99142

### HIT® Target Impact Indicator NEW

• Ultra-bright light indicates bullet impact on distant steel targets.

• Visible up to 1000+ yards with naked eye (weather-dependent).

 Easily attaches to target stand out of harm's way with included elastic band.

• Rechargeable using micro-USB.

• Morse code "H-I-T" blinks for impact distinction.

 Accelerometer detects bullet vibrations for activation.

No. 97300 (2 Pack) No. 97301 (5 Pack) No. 97300B (50 Pack)





### Reloading Bench Stool

Providing a comfortable and stylish seat in your reloading room, garage or bar. This custom designed stool features a Hornady® logo on the seat and is made of durable marine grade vinyl, thick foam padding and chrome double rung reinforced legs.

Seat dimensions: 14" x 14" x 5". Overall dimensions: 20" x 20" x 31".

No. 99103



Enjoy your favorite beverage with this insulated tumbler crafted from stainless steel with Team Hornady® logo and clear plastic lid. Keeps beverages cold for approximately 8 hours or hot for 3 hours.

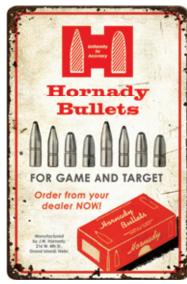
No. 99134



### Hornady 75th Anniversary Tin Sign

.024" Thick Aluminum. 12" diameter.

No. 99157

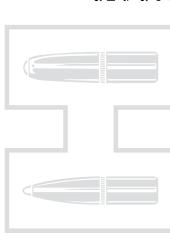


Hornady® Bullets Rustic Tin Sign

.024" Thick Aluminum. 12"W x 18"H.

No. 99145





# Dies & Reloading Essentials

**Series I:** The most popular bottleneck rifle cartridges. Two die set: size die and bullet seater die.

**Series II:** The most popular handgun cartridges. Three die set: size die, expander die, seating die.

**Series III:** A second tier of bottleneck rifle cartridges. Two die set: size die and bullet seater die. For slightly less popular cartridges.

**Series IV:** Another tier of bottleneck rifle cartridges, obscure, almost semi-custom. Two die set: size die and seater die. Very low volume. Includes the Nitro Express cartridges.

Series V: The magnum handgun cartridges, and straight-wall rifle cartridges that require a special crimp (i.e. 450 Bushmaster is the only one). Four die set: size die, expander die, bullet seater die, and a special taper crimp die.

MATCH CARTRIDGE	Bullet Diameter (inches)	Die Set	Die Series	Full- Length Size Die	Seating E Die	Expander Die	Taper Crimp Die Only	Neck Size Die	Shell Holder # / Item No.	Shell Plate #/ Item No.	Case Feeder Plate Size / Item No.	Bullet Feeder Die	Trimmer Pilot # / Item No.	Primer Punch	Bullet Puller Collet # / Item No.	Modified Case
223 REM	0.224	544207	I	544229	1	1	I	544227	#16 / 390556	#16 / 392616	Sm Rfl / 095314	095340	#1 / 390943	Small	#2 / 392155	A223
6MM×47 LAPUA	0.243	544610	1	046258	I	1	1	I	#1 / 390541	#1 / 392601	Sm Rfl / 095314	ı	#3 / 390945	Small	#3 / 392156	I
6MM PPC	0.243	544241	I	544255	I	1	I	544253	#6/390546	#6 / 392606	Sm Rfl / 095314	I	#3 / 390945	Small	#3 / 392156	B6PPC
<b>6MM BR REM</b>	0.243	544249	I	544251	I	1	I	544259	#1 / 390541	#1 / 392601	Sm Rfl / 095314	1	#3 / 390945	Small	#3 / 392156	A6MMB
6MM ARC	0.243	544257	I	046264	I	1	1	1	#6/390546	#6 / 392606	Sm Rfl / 095314	I	#3 / 390945	Small	#3 / 392156	A6MMA
<b>6MM CREEDMOOR</b>	0.243	544247	I	046204	1	1	1	1	#1 / 390541	#1 / 392601	Lg Rfl / 095316	1	#3 / 390945	Large	#3 / 392156	A6MMC
6.5X47 LAPUA	0.264	544650	I	046260	ı	1	1	Ι	#1 / 390541	#1 / 392601	-/-	I	#5 / 390947	Small	#4 / 392157	I
6.5X55	0.264	544281	I	046216	I	I	1	I	#19 / 390559	#19 / 392619	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	B65X55
260 REM	0.264	544277	I	046214	I	Ι	I	1	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	I
6.5 CREEDMOOR	0.264	544655	I	046282	I	1	I	I	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	I
6.5-284 NORMA	0.264	544295	I	046218	I	1	1	1	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	B65
6.5 PRC	0.264	544283	I	046288	I	I	I	I	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	B65P
284 WIN	0.284	544303	I	046232	I	1	1	1	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#7 / 390949	Large	#6 / 392159	I
280 ACKLEY IMP	0.284	544323	I	046228	I	I	I	I	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#7 / 390949	Large	#6 / 392159	A280AI
7MM REM SA ULTRA MAG	0.284	544311	1	046224	I	1	I	I	#5 / 390545	#5 / 392605	Lg Rfl / 095316	1	#7 / 390949	Large	#6 / 392159	B7MMR
7MM REM MAG	0.284	544325	ı	046234	ı	I	ı	ı	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#7 / 390949	Large	#6 / 392159	<b>A7MMR</b>
7MM WSM	0.284	544329	I	046226	I	Ι	1	1	#35 / 390575	#35 / 392635	Lg Rfl / 095316	1	#7 / 390949	Large	#6 / 392159	B7WS
7MM PRC	0.284	544319	I	046324	I	I	I	I	#5 / 390545	#5/392605	Lg Rfl / 095316	I	#7 / 390949	Large	#6 / 392159	<b>B7MMP</b>
308 WIN	0.308	544355	I	544359	I	I	1	544357	#1 / 390541	#1 / 392601	Lg Rfl / 095316	095345	#9/390951	Large	#7/392160	A308
30-06 SPRG	0.308	544339	I	046236	I	I	I	I	#1 / 390541	#1 / 392601	Lg Rfl / 095316	095345	#9/390951	Large	#7/392160	A3006
300 WSM	0.308	544353	I	046242	I		1	046057	#35/390575	#35/392635	Lg Rfl / 095316	095345	#9/390951	Large	#7/392160	B300W
300 WIN MAG	0.308	544351	I	046240	I	1	I	I	#5 / 390545	#5 / 392605	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	A300M
300 PRC	0.308	544349	I	046338	I		1	I	#5 / 390545	#5 / 392605	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	B300P
300 NORMA MAG	0.308	544371	I	046248	I	1	I	I	#43 / 390583	-/-	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	I
300 REM ULTRA MAG	0.308	544367	I	046246	I	1	1	1	#5 / 390545	#5 / 392605	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	B300
338 NORMA MAG	0.338	544397	I	046250	I	1	I	046058	#43 / 390583	-/-	Lg Rfl / 095316	I	#13 / 390955	Large	#9 / 392162	I
338 LAPUA MAG	0.338	544399	I	046252	I	1	I	I	#43 / 390583	-/-	Lg Rfl / 095316	I	#13 / 390955	Large	#9 / 392162	C338L

RIFLE CARTRIDGE	Bullet Diameter (inches)	Die Set	Die Series	Full- Length Size Die	Seating E Die	Expander Die	Taper Crimp Die Only	Neck Size Die	Shell Holder #/ Item No.	Shell Plate #/ Item No.	Case Feeder Plate Size / Item No.	Bullet Feeder Die	Trimmer Pilot # / Item No.	Primer Punch	Bullet Puller Collet # / Item No.	Modified Case
BLANK CART 22-45 CAL	1	544591	≥	1	1	I	I	1	-/-	-/-	-/-	I	-/-	ı	-/-	-1
17 HORNET	0.172	546118	-	046202	044101	I	I	ı	#3 / 390543	#3 / 392603	Sm Rfl / 095314	I	^ / 390942	Small	#1 / 392154	A17H
17 REM FIREBALL	0.172	546117	=	046200	044101	I	1	1	#16 / 390556	#16 / 392616	Sm Rfl / 095314	I	^ / 390942	Small	#1 / 392154	I
17 REM	0.172	546200	≡	046201	044101	ı	I	1	#16 / 390556	#16 / 392616	Sm Rfl / 095314	I	^ / 390942	Small	#1 / 392154	A17
17-222	0.172	546202	≥	I	I	I	I	I	#16 / 390556	#16 / 392616	Sm Rfl / 095314	I	^ / 390942	Small	#1 / 392154	I
17-223	0.172	546204	≥	I	I	I	I	I	#16 / 390556	#16 / 392616	Sm Rfl / 095314	I	^ / 390942	Small	#1 / 392154	I
20 VT	0.204	546205	≡	046206	044139	I	I	046038	#16 / 390556	#16 / 392616	Sm Rfl / 095314	I	#22 / 390940	Small	#14 / 392167	I
20 TACTICAL	0.204	546209	≡	046208	044139	I	I	046038	#16/390556	#16 / 392616	Sm Rfl / 095314	I	#22 / 390940	Small	#14 / 392167	I
204 RUGER	0.204	546201	-	046590	044139	I	I	046038	#16 / 390556	#16 / 392616	Sm Rfl / 095314	I	#22 / 390940	Small	#14 / 392167	B204
5.45X39	0.221	546199	=	046561	044220	I	I	I	#56 / 390611	#56 / 392656	Sm Rfl / 095314	I	#1 / 390943	Small	#2 / 392155	I
22 HORNET	0.224	546212	-	046213	044206	I	I	046066	#3 / 390543	#3 / 392603	Sm Rfl / 095314	I	#1 / 390943	Small	#2 / 392155	I
22 K-HORNET	0.224	546214	≥	I	I	I	I	046066	#3/390543	#3 / 392603	Sm Rfl / 095314	I	#1 / 390943	Small	#2 / 392155	I
5.7X28MM	0.224	546203	≡	046212	044136	I	I	1	#37 / 390577	-/-	Sm Rfl / 095314	I	#1 / 390943	Small	#2 / 392155	I
218 BEE	0.224	546206	≥	I	ļ	I	I	046066	#7 / 390547	#7 / 392607	Sm Rfl / 095314	I	#1 / 390943	Small	#2 / 392155	A218
221 REM FIREBALL	0.224	546210	≡	046211	044102	I	I	046040	#16 / 390556	#16 / 392616	Sm Rfl / 095314	095340	#1 / 390943	Small	#2 / 392155	A221
222 REM	0.224	546224	-	046225	044102	I	I	046040	#16 / 390556	#16 / 392616	Sm Rfl / 095314	095340	#1 / 390943	Small	#2 / 392155	A222
223 REM	0.224	546228	-	046229	044102	I	I	046040	#16 / 390556	#16 / 392616	Sm Rfl / 095314	095340	#1 / 390943	Small	#2 / 392155	A223
22 PPC	0.224	546216	≥	I	ļ	I	I	046053	#6/390546	#6/392606	Sm Rfl / 095314	095340	#1 / 390943	Small	#2 / 392155	1
5.6X50 MAG	0.224	546234	≥	I	I	I	I	046040	#16/390556	#16 / 392616	Sm Rfl / 095314	095340	#1 / 390943	Small	#2 / 392155	1
219 ZIPPER	0.224	546208	≥	I	I	I	I	046040	#2 / 390542	#2 / 392602	Lg Rfl / 095316	095340	#1 / 390943	Large	#2 / 392155	I
225 WIN	0.224	546232	≡	046233	044127	I	l	046040	#4 / 390544	#4/392604	Lg Rfl / 095316	095340	#1 / 390943	Large	#2 / 392155	I
22 NOSLER	0.224	546207	≡	046286	044127	I	I	046040	#16 / 390556	#16 / 392616	Sm Rfl / 095314	095340	#1 / 390943	Small	#2 / 392155	I
224 VALKYRIE	0.224	546211	-	046559	044102	1	1	046040	#12 / 390552	#12 / 392612	Lg Rfl / 095316	095340	#1 / 390943	Small	#2 / 392155	A224
22 ARC	0.224	546213	_	046440	044102	I	I	046040	#6/390546	#6 / 392606	Sm Rfl / 095314	I	#1 / 390943	Small	#2 / 392155	A22A
224 WBY MAG	0.224	546230	≥	1	ı	ı	1	046040	#17 / 390557	-/-	Lg Rfl / 095316	095340	#1 / 390943	Large	#2 / 392155	1
22-250 REM	0.224	546220	_	046221	044102	1	I	046040	#1 / 390541	#1 / 392601	Lg Rfl / 095316	095340	#1 / 390943	Large	#2 / 392155	A22250
22-250 ACKLEY IMP	0.224	546219	≥	I	I	I	I	046040	#1 / 390541	#1 / 392601	Lg Rfl / 095316	095340	#1 / 390943	Large	#2 / 392155	I
22 CREEDMOOR	0.224	546217	≡	046560	044127	I	I	046040	#1 / 390541	#1 / 392601	Lg Rfl / 095316	095340	#1 / 390943	Large	#2 / 392155	B22C
220 SWIFT	0.224	546222	-	046223	044127	I	I	046054	#4 / 390544	#4/392604	Lg Rfl / 095316	095340	#1 / 390943	Large	#2 / 392155	A220
5.6X57	0.224	546236	≥	I	I	I	I	I	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#1 / 390943	Large	#2 / 392155	I
223 WSSM	0.224	546223	≡	046558	044707	I	I	I	#35 / 390575	#35 / 392635	Lg Rfl / 095316	I	#1 / 390943	Large	#2 / 392155	B223
22-6MM	0.224	546249	≡	046238	044127	I	I	046054	#1 / 390541	#1 / 392601	Lg Rfl / 095316	095340	#1 / 390943	Large	#2 / 392155	I
22 SAVAGE HP	0.227	546240	≥	I	I	1	1	I	#2 / 390542	#2/392602	Lg Rfl / 095316	I	#2 / 390944	Large	#2 / 392155	I
5.6X52R	0.227	546238	≥	I	I	I	I	I	#2 / 390542	#2/392602	Lg Rfl / 095316	I	#2 / 390944	Large	#2 / 392155	I
6MM-223	0.243	546248	≥	I	I	I	I	046047	#16 / 390556	#16 / 392616	Sm Rfl / 095314	I	#3 / 390945	Small	#3 / 392156	I
6MM TCU	0.243	546256	≥	I	I	I	I	046047	#16 / 390556	#16 / 392616	Sm Rfl / 095314	I	#3 / 390945	Small	#3 / 392156	Ι
6MMX47 REM	0.243	546258	≥	I	I	I	I	046047	#16 / 390556	#16 / 392616	Sm Rfl / 095314	I	#3 / 390945	Small	#3 / 392156	I
6MM PPC	0.243	546254	≥	I	I	I	I	046052	#6 / 390546	#6 / 392606	Sm Rfl / 095314	I	#3 / 390945	Small	#3/392156	B6PPC

RIFLE DE CARTRIDGE	Bullet Diameter (inches)	Die Set S	Die Series	Full- Length Size Die	Seating E Die	Expander Die	Taper Crimp Die Only	Neck Size Die	Shell Holder # / Item No.	Shell Plate #/ Item No.	Case Feeder Plate Size / Item No.	Bullet Feeder Die	Trimmer Pilot # / Item No.	Primer Punch	Bullet Puller Collet # / Item No.	Modified Case
6MM BR REM	0.243	546432	≥	ı	-	ı	I	046047	#1 / 390541	#1 / 392601	Sm Rfl / 095314	1	#3 / 390945	Small	#3 / 392156	A6MMB
6MM ARC	0.243	546251	=	046262	044244	ı	ı	046047	#6 / 390546	#6 / 392606	Sm Rfl / 095314	I	#3 / 390945	Small	#3 / 392156	A6MMA
6MM GT	0.243	546243	=	046599	044183	1	1	046047	#1 / 390541	#1 / 392601	Sm Rfl / 095314	I	#3 / 390945	Small	#3 / 392156	B6MMG
6MM HAGAR	0.243	546303	≥	I	I	ı	I	1	#12/390552	#12 / 392612	Sm Rfl / 095314	I	#3 / 390945	Large	#3 / 392156	I
243 WIN	0.243	546244	-	046245	044103	1	I	046041	#1 / 390541	#1 / 392601	Lg Rfl / 095316	1	#3 / 390945	Large	#3 / 392156	A243
6MM REM	0.243	546246	=	046247	044103	I	I	046041	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#3 / 390945	Large	#3 / 392156	A6MM
6MM CREEDMOOR	0.243	546295	_	046254	044183	1	I	046041	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#3 / 390945	Large	#3 / 392156	A6MMC
6MM-284	0.243	546250	≥	1	1	ı	1	046041	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#3 / 390945	Large	#3 / 392156	I
240 WBY MAG	0.243	546242	≥	I	I	ı	I	046041	#1 / 390541	#1 / 392601	Lg Rfl / 095316	1	#3 / 390945	Large	#3 / 392156	B240
243 WSSM	0.243	546225	=	046557	044708	ı	I	I	#35 / 390575	#35 / 392635	Lg Rfl / 095316	I	#3 / 390945	Large	#3 / 392156	B243
25-20 WIN	0.257	546264	≥	I	I	I	I	I	#7 / 390547	#7 / 392607	Sm Rfl / 095314	1	#4 / 390946	Small	#4 / 392157	I
256 WIN	0.257	546272	≥	1	1	ı	1	1	#6/390546	#6 / 392606	Sm Rfl / 095314	I	#4 / 390946	Large	#4 / 392157	I
25-35 WIN	0.257	546266	≥	1	1	1	I	1	#2/390542	#2 / 392602	Lg Rfl / 095316	I	#4 / 390946	Large	#4 / 392157	I
25 REM	0.257	546260	=	046276	044104	I	I	I	#12/390552	#12 / 392612	Lg Rfl / 095316	I	#4 / 390946	Large	#4 / 392157	I
250 SAVAGE	0.257	546270	≥	1	1	I	I	046042	#1 / 390541	#1 / 392601	Lg Rfl / 095316	1	#4 / 390946	Large	#4 / 392157	A250
257 ROBERTS	0.257	546274	=	046275	044104	I	I	046042	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#4 / 390946	Large	#4 / 392157	A257
25 WSSM	0.257	546263	≥	1	1	I	1	ı	#35 / 390575	#35 / 392635	Lg Rfl / 095316	I	#4 / 390946	Large	#4 / 392157	B25
25-06 REM	0.257	546262	_	046263	044104	I	I	046042	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#4 / 390946	Large	#4 / 392157	A2506
257 WBY MAG	0.257	546276	=	046277	044104	I	1	046042	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#4 / 390946	Large	#4 / 392157	B257
6.5 TCU	0.264	546296	≥	I	I	I	I	046048	#16/390556	#16 / 392616	Sm Rfl / 095314	I	#5 / 390947	Small	#4 / 392157	Ι
6.5 JAP	0.264	546290	=	046291	044106	l	I	046043	#34 / 390574	-/-	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	I
6.5 GRENDEL	0.264	546291	_	046598	044164	I	I	I	#6/390546	#6 / 392606	Sm Rfl / 095314	I	#5 / 390947	Small	#4 / 392157	A65G
6.5X54 M-SCH	0.264	546292	≥	1	1	1	1	046043	#20/390560	-/-	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	I
6.5X55	0.264	546282	_	046283	044106	ı	I	046043	#19 / 390559	#19 / 392619	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	B65X55
260 REM	0.264	546269	=	046441	044106	I	I	046043	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	A260
6.5 CREEDMOOR	0.264	546289	_	046596	044135	I	I	046043	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	A65C
6.5X57	0.264	546284	=	046285	044106	I	1	046043	#1 / 390541	#1 / 392601	Lg Rfl / 095316	ı	#5 / 390947	Large	#4 / 392157	I
6.5-284	0.264	546301	=	046443	044106	I	I	046043	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	B65
90-5-9	0.264	546280	=	046281	044123	I	I	046043	#1 / 390541	#1 / 392601	Lg Rfl / 095316	1	#5 / 390947	Large	#4 / 392157	I
6.5 REM MAG	0.264	546294	≥	I	I	I	I	046043	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	I
264 WIN MAG	0.264	546278	=	046279	044123	I	I	046043	#5 / 390545	#5/392605	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	A264
6.5 PRC	0.264	546281	_	046284	044123	I	I	I	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	B65P
6.5 WBY RPM	0.264	546287	≥	1	ı	I	I	ı	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	ı
6.5X68	0.264	546286	=	046287	044123	I	I	046043	#30 / 390570	#30 / 392630	Lg Rfl / 095316	1	#5 / 390947	Large	#4 / 392157	1
26 NOSLER	0.264	546279	=	046280	044191	I	I	I	#5 / 390545	#5/392605	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	B26N
6.5-300 WBY MAG	0.264	546283	≥	I	I	I	I	046043	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#5 / 390947	Large	#4 / 392157	1
6.5X52 CARCANO	0.267	546288	=	046289	044134	1	1	046043	#21 / 390561	-/-	Lg Rfl / 095316	1	#5 / 390947	Large	#4 / 392157	1
270 REN	0.277	1	I	I	I	I	I	I	#3 / 390543	#3 / 392603	Sm Rfl / 095314	T	#6/390948	Small	#5 / 392158	l

RIFLE CARTRIDGE	Bullet Diameter (inches)	Die Set	Die Series	Full- Length Size Die	Seating E Die	Expander Die	Taper Crimp Die Only	Neck Size Die	Shell Holder # / Item No.	Shell Plate #/ Item No.	Case Feeder Plate Size / Item No.	Bullet Feeder Die	Trimmer Pilot # / Item No.	Primer Punch	Bullet Puller Collet # / Item No.	Modified Case
6.8MM REM SPC	0.277	546299	=	046711	044713	I	1	I	#12 / 390552	#12 / 392612	Lg Rfl / 095316	I	#6 / 390948	Small	#5/392158	A68SPC
270 WIN	0.277	546300	-	046301	044107	I	I	046051	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#6 / 390948	Large	#5 / 392158	A270
270 WSM	0.277	546297	-	046450	044161	1	I	046055	#35 / 390575	#35 / 392635	Lg Rfl / 095316	1	#6 / 390948	Large	#5/392158	B270W*
270 WBY MAG	0.277	546298	=	046299	044107	1	I	046051	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#6 / 390948	Large	#5/392158	B270*
7MM-223 INGRAM	0.284	546318	≥	I	I	I	I	046049	#16/390556	#16 / 392616	Sm Rfl / 095314	1	#7 / 390949	Small	#6 / 392159	I
7MM TCU	0.284	546328	≥	I	I	ı	I	046049	#16 / 390556	#16 / 392616	Sm Rfl / 095314	I	#7 / 390949	Small	#6 / 392159	I
7MM BR REM	0.284	546324	≥	I	I	I	I	046049	#1 / 390541	#1 / 392601	Sm Rfl / 095314	I	#7 / 390949	Large	#6 / 392159	A7MM*
7-30 WATERS	0.284	546304	≥	I	ı	ı	I	046049	#2 / 390542	#2 / 392602	Lg Rfl / 095316	ı	#7 / 390949	Large	#6 / 392159	I
7X57	0.284	546308	=	046309	044133	1	1	046044	#1 / 390541	#1 / 392601	Lg Rfl / 095316	1	#7 / 390949	Large	#6 / 392159	A7X57
7X57R	0.284	546311	=	046310	044133	I	I	046044	#13 / 390553	#13 / 392613*	Lg Rfl / 095316	I	#7 / 390949	Large	#6 / 392159	I
7MM-08 REM	0.284	546316	-	046317	044108	I	I	046044	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#7 / 390949	Large	#6 / 392159	A7MM08
284 WIN	0.284	546302	=	046303	044108	1	I	046044	#1 / 390541	#1 / 392601	Lg Rfl / 095316	1	#7 / 390949	Large	#6 / 392159	I
280 REM	0.284	546320	-	046321	044133	1	I	046044	#1 / 390541	#1 / 392601	Lg Rfl / 095316	1	#7 / 390949	Large	#6 / 392159	A280
280 ACKLEY IMP	0.284	546321	=	046304	044133	1	I	046044	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#7 / 390949	Large	#6 / 392159	A280AI
7X65R	0.284	546314	≥	I	I	1	I	046044	#13 / 390553	#13 / 392613*	Lg Rfl / 095316	1	#7 / 390949	Large	#6/392159	1
7X61 S&H	0.284	546310	≥	I	I	I	I	046044	#35 / 390575	#35 / 392635	Lg Rfl / 095316	I	#7 / 390949	Large	#6/392159	I
7X64	0.284	546312	≥	I	I	I	I	046044	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#7 / 390949	Large	#6 / 392159	B764
7MM REM SA ULTRA MAG	0.284	546309	=	046452	044108	I	I	046056	#5 / 390545	#5/392605	Lg Rfl / 095316	ļ	#7 / 390949	Large	#6/392159	B7MMR
7MM REM MAG	0.284	546326	-	046327	044133	I	1	046044	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#7 / 390949	Large	#6/392159	A7MMR
7MM WSM	0.284	546327	_	046451	044108	I	I	046056	#35 / 390575	#35 / 392635	Lg Rfl / 095316	I	#7 / 390949	Large	#6 / 392159	B7WS
7MM WBY MAG	0.284	546330	=	046331	044133	l	I	046044	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#7 / 390949	Large	#6 / 392159	<b>B7MMW</b>
7MM PRC	0.284	546313	-	046306	044133	I	I	046044	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#7 / 390949	Large	#6 / 392159	B7MMP
28 NOSLER	0.284	546329	=	046330	044133	I	I	046056	#5 / 390545	#5 / 392605	Lg Rfl / 095316	1	#7 / 390949	Large	#6 / 392159	B28N
7MM STW	0.284	546440	≥	I	1	1	I	046044	#5 / 390545	#5 / 392605	Lg Rfl / 095316	1	#7 / 390949	Large	#6 / 392159	1
7MM REM ULTRA MAG	0.284	546307	=	046454	044133	I	I	046056	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#7 / 390949	Large	#6 / 392159	B7MM
7.35 CARCANO	0.300	546332	≥	I	I	I	I	I	#21 / 390561	-/-	Lg Rfl / 095316	I	#8 / 390950	Large	#7 / 392160	I
30 CARBINE	0.308	546503	=	046504	044142	044505	I	I	#22 / 390562	#22 / 392622	Sm Rfl / 095314	1	#9 / 390951	Small	#7 / 392160	1
30 REM	0.308	I	ı	I	I	I	I	046050	#12 / 390552	#12 / 392612	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	1
300 BLACKOUT	0.308	546349	-	046459	044165	1	I	I	#16 / 390556	#16 / 392616	Sm Rfl / 095314	1	#9 / 390951	Small	#7 / 392160	A300A
300 HAM'R	0.308	546343	≥	I	I	I	I	I	#16 / 390556	#16 / 392616	Sm Rfl / 095314	I	#9 / 390951	Small	#7 / 392160	I
30 HERRETT	0.308	546334	≥	I	I	I	I	046050	#2/390542	#2 / 392602	Lg Rfl / 095316	I	#9 / 390951	Large	#7 / 392160	I
30-30 WIN	0.308	546342	_	046343	044111	1	I	046050	#2 / 390542	#2 / 392602	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	A3030
30-30 ACKLEY IMP	0.308	546345	≥	I	1	I	1	046050	#2/390542	#2 / 392602	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	1
303 SAVAGE	0.308	546354	≥	I	I	I	I	046050	#33 / 390573	-/-	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	I
300 SAVAGE	0.308	546348	=	046349	044111	I	1	046050	#1 / 390541	#1 / 392601	Lg Rfl / 095316	095345	#9/390951	Large	#7 / 392160	B300S
30 MERRILL	0.308	546338	≥	I	I	I	I	046050	#4/390544	#4/392604	Lg Rfl / 095316	095345	#9/390951	Large	#7 / 392160	I
307 WIN	0.308	546358	-	046359	044111	I	I	046045	#33/390573	-/-	Lg Rfl / 095316	095345	#9/390951	Large	#7 / 392160	I
308 MARLIN EXP	0.308	546357	=	046358	044111	I	I	046045	#27 / 390567	#27 / 392627*	Lg Rfl / 095316	095345	#9/390951	Large	#7/392160	A308ME
*Discontinued SKUs with limited inventory	wentory.															

	Bullet Diameter	Die	Die	Full-	Seating E	Expander	Taper	Neck	Shell Holder # /	Shell Plate #/	Case Feeder Plate Size /	Bullet Feeder	Trimmer Pilot	Primer	Bullet Puller Collet # /	Modified
CARTRIDGE	(inches)			Size Die				- 1	-	Item No.	Item No.		# / Item No.		Item No.	Case
7.5 SWISS (7.5X55)	0.308	546360	=	046361	044111	1	ı	046045	#2 / 390542	#2 / 392602	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	1
7.5 SWISS K31	0.308	546361	=	046362	044111	I	1	046045	#2 / 390542	#2/392602	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	I
308 WIN	0.308	546358	-	046359	044111	I	I	046045	#1 / 390541	#1 / 392601	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	A308
7.62X54R	0.308	546362	=	046363	044111	I	ı	046050	#23 / 390563	#23 / 392623	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	I
30-40 KRAG	0.308	546344	≥	I	I	I	I	046045	#11 / 390551	#11 / 392611	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	I
30 TC	0.308	546335	=	046336	044111	ı	ı	046045	#1 / 390541	#1 / 392601	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	A30TC*
30-06 SPRG	0.308	546340	-	046341	044112	I	ı	046045	#1 / 390541	#1 / 392601	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	A3006
30-06 ACKLEY IMP	0.308	546341	≥	I	I	I	I	046045	#1 / 390541	#1 / 392601	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	I
300 H&H MAG	0.308	546346	≥	ı	I	1	ı	046045	#5/390545	#5/392605	Lg Rfl / 095316	095345	#9/390951	Large	#7 / 392160	А300Н
300 OLYMPIC	0.308	546355	≥	I	I	I	I	1	#35/390575	#35/392635	Lg Rfl / 095316	I	#9/390951	Large	#7 / 392160	I
300 REM SA ULTRA MAG	0.308	546347	=	046455	044160	I	1	046057	#5/390545	#5/392605	Lg Rfl / 095316	095345	#9/390951	Large	#7 / 392160	B300R
308 NORMA MAG	0.308	546356	≥	I	I	I	I	046045	#5/390545	#5/392605	Lg Rfl / 095316	095345	#9/390951	Large	#7 / 392160	I
300 RCM	0.308	546353	=	046592	044111	I	1	046057	#5/390545	#5/392605	Lg Rfl / 095316	095345	#9/390951	Large	#7 / 392160	A300R
300 WSM	0.308	546369	_	046453	044160	I	I	046057	#35/390575	#35/392635	Lg Rfl / 095316	095345	#9/390951	Large	#7 / 392160	B300W
300 WIN MAG	0.308	546352	-	046353	044112	I	I	046045	#5/390545	#5/392605	Lg Rfl / 095316	095345	#9/390951	Large	#7 / 392160	A300M
300 WBY MAG	0.308	546350	_	046351	044112	I	I	046045	#5/390545	#5/392605	Lg Rfl / 095316	095345	#9/390951	Large	#7 / 392160	A300W
30 NOSLER	0.308	546337	≥	I	I	I	I	046057	#5/390545	#5/392605	Lg Rfl / 095316	095345	#9/390951	Large	#7 / 392160	B30N
300 PRC	0.308	546351	-	046334	044157	I	I	046057	#5/390545	#5/392605	Lg Rfl / 095316	095345	#9/390951	Large	#7 / 392160	B300P
300 REM ULTRA MAG	0.308	546365	≡	046447	044159	1	ı	046057	#5/390545	#5/392605	Lg Rfl / 095316	095345	#9/390951	Large	#7 / 392160	B300
30-378 WBY MAG	0.308	546419	≥	I	I	I	I	046057	#14/390554	#14/392614	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160	C30378
7.62X39	0.308	546424	-	046425	044126	I	1	1	#6 / 390546	#6/392606	Sm Rfl / 095314	1	#9 / 390951	Large	#7 / 392160	A762
32-20 WIN	0.312	546364	=	046365	044113	I	ı	I	#7 / 390547	#7 / 392607	Sm Rfl / 095314	I	#9 / 390951	Small	#7 / 392160	I
7.65 BELG	0.312	546368	=	046369	044114	I	1	I	#24 / 390564	-/-	Lg Rfl / 095316	1	#10 / 390952	Large	#7 / 392160	ı
303 BRITISH	0.312	546366	=	046367	044114	I	ı	I	#11 / 390551	#11 / 392611	Lg Rfl / 095316	I	#10 / 390952	Large	#7 / 392160	A303
7.7 JAP	0.312	546370	=	046371	044114	I	I	I	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#10 / 390952	Large	#7 / 392160	1
32-40 WIN	0.321	546374	≥	I	I	I	I	I	#2 / 390542	#2 / 392602	Lg Rfl / 095316	I	#11 / 390953	Large	#8/392161	I
32 WIN SPL	0.321	546372	≥	I	I	I	1	I	#2 / 390542	#2 / 392602	Lg Rfl / 095316	I	#11 / 390953	Large	#8 / 392161	A32
32 REM	0.321	ı	ı	ı	ı	I	I	I	#12 / 390552	#12 / 392612	Lg Rfl / 095316	I	#12 / 390954	Large	#8 / 392161	Ι
8.15X46R	0.321	546386	≥	I	I	I	I	I	#2 / 390542	#2 / 392602	Lg Rfl / 095316	I	#11 / 390953	Large	#8 / 392161	ı
7.92X33 KURZ	0.323	546375	=	046376	044137	I	I	I	#1 / 390541	#1 / 392601	Sm Rfl / 095314	I	#11 / 390953	Large	#8 / 392161	I
8X57	0.323	546382	=	046383	044116	1	ı	I	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#11 / 390953	Large	#8/392161	A8X57
8X57 JRS	0.323	546382	=	046383	044116	I	I	I	#13 / 390553	#13 / 392613*	Lg Rfl / 095316	I	#11 / 390953	Large	#8 / 392161	Ι
8X57 JS	0.323	546382	=	046383	044116	1	ı	1	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#11 / 390953	Large	#8 / 392161	A8X57
8X60S	0.323	546376	=	046377	044116	I	I	I	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#11 / 390953	Large	#8 / 392161	I
325 WSM	0.323	546387	≥	1	1	1	ı	1	#35 / 390575	#35 / 392635	Lg Rfl / 095316	I	#11 / 390953	Large	#8 / 392161	ı
8X68S	0.323	546378	≥	ı	ı	I	I	I	#30 / 390570	#30 / 392630	Lg Rfl / 095316	I	#11 / 390953	Large	#8 / 392161	1
8MM REM MAG	0.323	546384	≥	1	I	I	1	ı	#5 / 390545	#5 / 392605	Lg Rfl / 095316	1	#11 / 390953	Large	#8 / 392161	A8MM
8X56 HUNGARI- AN-MANN	0.329	546385	≥	I	I	1	I	I	#47 / 390603	-/-	Lg Rfl / 095316	I	#11 / 390953	Large	#8 / 392161	I

RIFLE CARTRIDGE	Bullet Diameter (inches)	Die Set	Die Series	Full- Length Size Die	Seating Die	Expander Die	Taper Crimp Die Only	Neck Size Die	Shell Holder # / Item No.	Shell Plate # / Item No.	Case Feeder Plate Size / Item No.	Bullet Feeder Die	Trimmer Pilot # / Item No.	Primer Punch	Bullet Puller Collet # / Item No.	Modified Case
8.6 BLACKOUT	0.338	546442	≡	046392	044390	I	I	046058	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#13 / 390955	Large	#9 / 392162	I
338 FEDERAL	0.338	546397	≡	046595	044131	I	I	046058	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#13 / 390955	Large	#9 / 392162	I
338 MARLIN EXP	0.338	546359	=	046597	044131	1	I	046058	#52 / 390607	#52/392652*	Lg Rfl / 095316	1	#13 / 390955	Large	#9 / 392162	A338M*
338 RCM	0.338	546399	=	046594	044131	I	I	046058	#5 / 390545	#5 / 392605	Lg Rfl / 095316	ı	#13 / 390955	Large	#9 / 392162	A338R
8.5X55 BLASER	0.338	546443	=	046394	044131	I	I	046058	#35 / 390575	#35 / 392635	Lg Rfl / 095316	I	#13 / 390955	Large	#9 / 392162	ı
338 WIN MAG	0.338	546390	-	046391	044117	I	I	046058	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#13 / 390955	Large	#9 / 392162	A338
33 NOSLER	0.338	546381	≥	I	I	I	I	046058	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#13 / 390955	Large	#9 / 392162	B33N
338 NORMA MAG	0.338	I	I	I	I	I	1	046058	#43 / 390583	-/-	Lg Rfl / 095316	I	#13 / 390955	Large	#9 / 392162	I
340 WBY MAG	0.338	546392	≥	I	I	I	1	046058	#5 / 390545	#5 / 392605	Lg Rfl / 095316	1	#13 / 390955	Large	#9 / 392162	A340
338 REM ULTRA MAG	0.338	546389	≡	046446	044117	I	1	046058	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#13 / 390955	Large	#9 / 392162	B338
338 LAPUA MAG	0.338	546393	≡	046593	044117	I	I	046058	#43 / 390583	-/-	Lg Rfl / 095316	I	#13 / 390955	Large	#9 / 392162	C338L
338-378 WBY MAG	0.338	546391	≥	I	I	I	1	046058	#14 / 390554	#14 / 392614	Lg Rfl / 095316	I	#13 / 390955	Large	#9 / 392162	I
348 WIN	0.348	546394	≥	I	I	I	1	I	#25 / 390565	#25 / 392625*	Lg Rfl / 095316	I	#14 / 390956	Large	#9 / 392162	ı
350 LEGEND	0.355	546401	>	046396	044125	045507	045800	I	#16 / 390556	#16 / 392616	Sm Rfl / 095314	I	#15 / 390957	Small	#9 / 392162	A350L
35 REM	0.358	546398	≡	046399	044130	I	I	I	#26 / 390566	-/-	Lg Rfl / 095316	I	#15 / 390957	Large	#9 / 392162	A35R
356 WIN	0.358	I	I	I	I	I	I	046046	#33 / 390573	-/-	Lg Rfl / 095316	I	#15 / 390957	Large	#9 / 392162	I
358 WIN	0.358	546408	≥	I	I	I	I	046046	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#15 / 390957	Large	#9 / 392162	B358
350 REM MAG	0.358	546402	≥	I	I	I	I	I	#5 / 390545	#5 / 392605	Lg Rfl / 095316	1	#15 / 390957	Large	#9 / 392162	A350
35 WHELEN	0.358	546400	≡	046401	044119	1	I	046046	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#15 / 390957	Large	#9 / 392162	A35
358 NORMA MAG	0.358	546406	≥	I	I	I	I	046046	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#15 / 390957	Large	#9 / 392162	I
9.3X57	0.366	546410	≡	046411	044120	I	I	I	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#20 / 390962	Large	#9 / 392162	I
9.3X62	0.366	546412	=	046413	044120	I	I	I	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#20 / 390962	Large	#9 / 392162	A9362
9.3X74R	0.366	546414	=	046415	044120	1	I	1	#13 / 390553	#13 / 392613*	Lg Rfl / 095316	1	#20 / 390962	Large	#9 / 392162	C9374
38-55 WIN	0.375	546537	≥	I	I	I	1	ļ	#2 / 390542	#2 / 392602	Lg Rfl / 095316	I	#16 / 390958	Large	#10 / 392163	I
375 WIN	0.375	546530	≥	I	I	I	1	I	#2 / 390542	#2 / 392602	Lg Rfl / 095316	I	#16 / 390958	Large	#10 / 392163	I
376 STEYR	0.375	546417	≥	I	I	I	I	I	#15 / 390555	#15 / 392615*	Lg Rfl / 095316	I	#16 / 390958	Large	#10 / 392163	I
375 FL MAG NITRO EXP	0.375	546449	≥	I	I	I	I	I	#43 / 390583	-/-	Lg Rfl / 095316	I	#16 / 390958	Large	#10 / 392163	I
375 RUGER	0.375	546415	-	046418	044121	I	I	I	#5 / 390545	#5 / 392605	Lg Rfl / 095316	ı	#16 / 390958	Large	#10 / 392163	C375R
375 H&H MAG	0.375	546416	=	046417	044121	I	I	I	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#16 / 390958	Large	#10 / 392163	A375
375 REM ULTRA MAG	0.375	546450	≥	I	I	I	I	I	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#16 / 390958	Large	#10 / 392163	I
378 WBY MAG	0.375	546418	≥	I	I	I	I	I	#14 / 390554	#14 / 392614	Lg Rfl / 095316	I	#16 / 390958	Large	#10 / 392163	B378*
450-400 NITRO EXP 3"	0.410	546421	≥	I	I	I	I	I	#25 / 390565	#25 / 392625*	Lg Rfl / 095316	I	#17 / 390959	Large	#11 / 392164	C450*
405 WIN	0.411	546425	=	046456	044162	044571	I	1	#42 / 390582	-/-	Lg Rfl / 095316	I	#17 / 390959	Large	#11 / 392164	C405
10.3X60R SWISS	0.415	546420	≥	I	I	I	I	I	#25 / 390565	#25 / 392625*	Lg Rfl / 095316	I	#17 / 390959	Large	#11 / 392164	I
416 RUGER	0.416	546429	≥	1	I	I	I	I	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#17 / 390959	Large	#11 / 392164	C416RG*
416 REM MAG	0.416	546426	≥	I	I	I	I	I	#5 / 390545	#5 / 392605	Lg Rfl / 095316	I	#17 / 390959	Large	#11 / 392164	A416*
416 RIGBY	0.416	546428	≥	ı	1	1	1	1	#38 / 390578	-/-	Lg Rfl / 095316	1	#17 / 390959	Large	#11 / 392164	C416R
416 WBY MAG	0.416	546430	≥	I	I	I	I	I	#14 / 390554	#14 / 392614	Lg Rfl / 095316	1	#17 / 390959	Large	#11 / 392164	I

RIFLE CARTRIDGE	Bullet Diameter (inches)	Die Set	Die Series	Full- Length Size Die	Seating Expand Die Die	Expander Die	Taper Crimp Die Only	Neck Size Die	Shell Holder #/ Item No.	Shell Plate # / Item No.	Case Feeder Plate Size / Item No.	Bullet Feeder Die	Trimmer Pilot # / Item No.	Primer Punch	Bullet Puller Collet # / Item No.	Modified Case
404 JEFFERY	0.423	546423	≥	1	1	1	I	1	#53 / 390608	-/-	Lg Rfl / 095316	I	#17 / 390959	Large	#12 / 392165	-1
444 MARLIN	0.430	546551	=	046552	044149	044553	I	I	#27 / 390567	#27 / 392627*	Lg Rfl / 095316	I	#18 / 390960	Large	#12 / 392165	I
450 BUSHMASTER	0.452	546452	>	046422	044721	044550	044176	I	#1 / 390541	#1 / 392601	Lg Rfl / 095316	I	#19 / 390961	Large	#13 / 392166	A450B
458 SOCOM	0.458	546464	=	046424	044190	I	1	I	#1 / 390541	#1 / 392601	Lg Rfl / 095316	1	#19 / 390961	Small	#13 / 392166	1
45-70 GOVT	0.458	546566	=	046567	044152	044568	I	I	#14 / 390554	#14 / 392614	Lg Rfl / 095316	I	#19 / 390961	Large	#13 / 392166	A4570
450 MARLIN	0.458	546553	=	046587	044152	044568	I	I	#5 / 390545	#5 / 392605	Lg Rfl / 095316	1	#19 / 390961	Large	#13 / 392166	1
450 NITRO EXP 31/4"	0.458	546433	≥	I	1	I	I	I	#54 / 390609	-/-	ΑΝ	I	#19 / 390961	Large	#13 / 392166	C450NE*
458 WIN MAG	0.458	546569	=	046570	044153	044568	I	I	#5 / 390545	#5/392605	Lg Rfl / 095316	I	#19 / 390961	Large	#13 / 392166	C458W
458 LOTT	0.458	546465	=	046457	044204	044572	1	1	#5 / 390545	#5 / 392605	Lg Rfl / 095316	1	#19 / 390961	Large	#13 / 392166	C458L
460 WBY MAG	0.458	546422	≥	I	I	I	I	I	#14 / 390554	#14 / 392614	Lg Rfl / 095316	I	#19 / 390961	Large	#13 / 392166	I
470 NITRO EXP 31/4"	0.474	546434	≥	I	1	I	I	I	#55 / 390610	-/-	ΑΝ	1	#23 / 390939	Large	-/-	C470N*
50-70 GOVT	0.510	546462	≥	I	I	I	I	I	-/-	-/-	Lg Rfl / 095316	I	#50 / 390937	Large	-/-	I
50 ALASKAN	0.510	546586	≥	I	1	I	I	I	#25 / 390565	#25 / 392625*	Lg Rfl / 095316	1	#50 / 390937	Large	-/-	I
500 NITRO EXP 3"	0.510	546435	≥	I	I	I	I	I	#55 / 390610	-/-	N/A	I	#50 / 390937	Large	-/-	C500N*
50 BMG	0.510	544460	50 BMG	1	I	I	I	I	#50/390585	-/-	-/-	I	-/-	I	-/-	I

Primer Punch	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small	Large	Small	Small	Small	Small	Small	Small	Small	Small	Small
Trimmer Pilot # / Item No.	#1 / 390943	#4 / 390946	#9 / 390951	#9 / 390951	#10 / 390952	#10 / 390952	#10 / 390952	#10 / 390952	#10 / 390952	#10 / 390952	#11 / 390953	#15 / 390957	#15 / 390957	#15 / 390957	#15 / 390957	#15 / 390957	#15 / 390957	#15 / 390957	#15 / 390957	#15 / 390957
Bullet Feeder Die	I	ΑN	ΑΝ	ΑN	Α̈́Ν	ΑN	Ϋ́	ΑN	Ϋ́	ΑN	Ϋ́	095330	095330	095330	095330	095330	N N	ΝΑ	ΑΝ	095331
Case Feeder Plate Size / Item No.	-/-	Sm Pstl / 095310	Lg Pstl / 095312	Sm Pstl / 095310	Sm Pstl / 095310	Sm Pstl / 095310	Sm Pstl / 095310	Sm Pstl / 095310	Sm Pstl / 095310	Sm Pstl / 095310	Sm Pstl / 095310	Lg Pstl / 095312								
Shell Plate # / Item No.	#16 / 392616	-/-	#8 / 392608	#8 / 392608	#22 / 392622	#36 / 392636	#36 / 392636	#57 / 392657	#36 / 392636	-/-	-/-	#16 / 392616	#8 / 392608	#8 / 392608	#8 / 392608	#8 / 392608	#8 / 392608	#10 / 392610	#8 / 392608	#6 / 392606
Shell Holder #/ Item No.	#16 / 390556	#37 / 390577	#8 / 390548	#8 / 390548	#22 / 390562	#36 / 390576	#36 / 390576	#57 / 390612	#36 / 390576	#48 / 390604	#48 / 390604	#16 / 390556	#8 / 390548	#8 / 390548	#8 / 390548	#8 / 390548	#8 / 390548	#10 / 390550	#8 / 390548	#6 / 390546
Taper Crimp Die Only	1	I	I	I	I	I	I	I	I	I	I	044170	I	044170	I	044170	I	1	1	I
aper Crimp Seater Die	1	I	I	I	I	I	I	044509	I	I	I	I	044177	I	044177	1	I	1	I	I
Expander Taper Crimp Die Seater Die	1	I	I	I	044508	044511	044511	045508	044511	I	I	044517	044517	044517	044517	044517	044526	044577	I	044523
Seating Die	1	I	I	I	044113	044143	044143	I	044143	I	I	044144	044177	044144	044177	044144	044144	044150	I	044145
Full-Length Size Die	1	I	I	I	046507	046510	046510	046508	046510	I	I	046519	046516	046516	046516	046516	046525	046576	1	046528
Die Series	≥	I	≥	I	≡	=	≡	=	≡	≥	≥	=	=	=	=	=	=	=	≥	=
Die Set	546215	I	546336	I	546506	546509	546509	546508	546509	546504	546510	546518	546516	546515	546516	546515	546524	546575	546532	546527
Bullet Diameter (inches)	0.224	0.251	0.308	0.309	0.311	0.312	0.312	0.312	0.312	0.312	0.326	0.355	0.355	0.355	0.355	0.355	0.355	0.355	0.355	0.357
PISTOL CARTRIDGE	22 TCM	25 AUTO	30 LUGER	30 MAUSER	32 AUTO	32 S&W LONG	32 H&R MAG	30 SUPER CARRY	327 FEDERAL MAG	7.5 SWISS ORDNANCE	8MM LEBEL REVOLVER	380 AUTO	9MM LUGER TAPER CRIMP	9MM LUGER	9X21 TAPER CRIMP	9X21	38 SUPER AUTO	357 SIG	9X23 WIN	38 SPL

PISTOL CARTRIDGE	Bullet Diameter (inches)	Die Set	Die   Series	Full-Length Size Die	Seating Die	Expander 1 Die	Taper Crimp Seater Die	Taper Crimp Die Only	Shell Holder #/ Item No.	Shell Plate # / Item No.	Case Feeder Plate Size / Item No.	Bullet Feeder Die	Trimmer Pilot # / Item No.	Primer Punch
COWBOY 38 SPL	0.357	546528	=	046528	044169	044591	1	1	#6 / 390546	#6 / 392606	Lg Pstl / 095312	N/A	#15 / 390957	Small
357 MAG	0.357	546527	=	046528	044145	044523	1	I	#6/390546	#6/392606	Lg Pstl / 095312	095331	#15/390957	Small
COWBOY 357 MAG	0.357	546528	=	046528	044169	044591	I	I	#6/390546	#6/392606	Lg Pstl / 095312	N A	#15 / 390957	Small
357 REM MAX	0.357	546527	=	046528	044145	044523	1	1	#6/390546	#6/392606	Lg Pstl / 095312	095331	#15/390957	Small
COWBOY 357 REM MAX	0.357	546528	=	046528	044169	044591	ı	I	#6/390546	#6/392606	Lg Pstl / 095312	N/A	#15 / 390957	Small
38 S&W	0.357	546521	≥	I	I	I	1	I	#28/390568	#28/392628*	Lg Pstl / 095312	N/A	#15/390957	Large
357 HERRETT	0.357	546396	≥	I	I	1	I	1	#2/390542	#2 / 392602	Lg Pstl / 095312	ΑX	#15 / 390957	Large
9X18 MAKAROV	0.364	546512	=	046513	044154	044514	1	I	#8 / 390548	#8 / 392608	Sm Pstl / 095310	N/A	#15 / 390957	Small
40 S&W TAPER CRIMP	0.400	546534	=	046534	044178	044535	044178	1	#10 / 390550	#10/392610	Lg Pstl / 095312	095332	#21 / 390941	Small
40 S&W	0.400	546533	=	046534	044146	044535	I	044171	#10 / 390550	#10 / 392610	Lg Pstl / 095312	095332	#21 / 390941	Small
10MM AUTO TAPER CRIMP	0.400	546534	=	046534	044178	044535	044178	I	#10 / 390550	#10 / 392610	Lg Pstl / 095312	095332	#21 / 390941	Large
10MM AUTO	0.400	546533	=	046534	044146	044535	I	044171	#10 / 390550	#10 / 392610	Lg Pstl / 095312	095332	#21 / 390941	Large
41 AE	0.410	546539	=	046540	044147	044541	I	I	#8 / 390548	#8 / 392608	Lg Pstl / 095312	Z/A	#17 / 390959	Small
41 REM MAG	0.410	546539	≡	046540	044147	044541	I	I	#29 / 390569	#29 / 392629	Lg Pstl / 095312	ΑN	#17 / 390959	Large
COWBOY 44-40 WIN	0.429	546543	≡	046460	044166	044593	I	I	#9 / 390549	#9 / 392609	Lg Pstl / 095312	ĕ N	#18 / 390960	Large
44 SPL	0.430	546548	=	046549	044148	044544	I	I	#30/390570	#30 / 392630	Lg Pstl / 095312	095333	#18 / 390960	Large
COWBOY 44 SPL	0.430	546549	≡	046549	044166	044592	I	I	#30/390570	#30 / 392630	Lg Pstl / 095312	ĕ N	#18 / 390960	Large
44 REM MAG	0.430	546548	=	046549	044148	044544	I	I	#30/390570	#30 / 392630	Lg Pstl / 095312	095333	#18 / 390960	Large
44 AUTO MAG	0.430	546545	<u>≥</u>	I	I	I	I	I	#1 / 390541	#1 / 392601	Lg Pstl / 095312	095333	#18 / 390960	Large
445 SUPER MAG	0.430	I	I	I	I	I	I	I	#30/390570	#30 / 392630	Lg Pstl / 095312	ΑN	#18 / 390960	Large
45 AUTO TAPER CRIMP	0.451	546555	=	046555	044179	044556	044179	I	#45 / 390606	#45 / 392645	Lg Pstl / 095312	095334	#19 / 390961	Large
45 AUTO	0.451	546554	=	046555	044151	044556	I	044172	#45 / 390606	#45 / 392645	Lg Pstl / 095312	095334	#19 / 390961	Large
45 AUTO RIMMED	0.451	546554	=	046555	044151	044556	I	044172	#31 / 390571	-/-	Lg Pstl / 095312	095334	#19 / 390961	Large
45 WIN MAG	0.451	546554	=	046555	044151	044556	I	044172	#1 / 390541	#1 / 392601	Lg Pstl / 095312	095334	#19 / 390961	Large
45 S&W SCHOFIELD	0.452	546546	≥	I	I	I	I	I	#41 / 390581	-/-	Lg Pstl / 095312	095334	#19 / 390961	Large
45 COLT	0.452	546582	=	046583	044151	044556	I	I	#32 / 390572	#32 / 392632	Lg Pstl / 095312	095334	#19 / 390961	Large
COWBOY 45 COLT	0.452	546581	≡	046583	044168	044594	I	I	#32 / 390572	#32 / 392632	Lg Pstl / 095312	095334	#19 / 390961	Large
454 CASULL	0.452	546584	>	046584	044151	044556	I	044588	#32 / 390572	#32 / 392632	Lg Pstl / 095312	095334	#19 / 390961	Small
460 S&W MAG	0.452	546583	>	046720	044721	044719	I	044722	#46 / 390602	#46 / 392646	Lg Rfl / 095316	095334	#19 / 390961	Large
455 WEBLEY	0.455	I	I	I	I	I	I	I	#51 / 390601	-/-	Lg Pstl / 095312	ΑN	#19 / 390961	Large
475 LINEBAUGH	0.475	546547	>	046585	044158	044586	I	044174	#14 / 390554	#14 / 392614	Lg Pstl / 095312	N/A	#23 / 390939	Large
480 RUGER	0.475	546547	>	046585	044158	044586	I	044174	#14 / 390554	#14 / 392614	Lg Pstl / 095312	ΑΝ	#23 / 390939	Large
50 AE	0.500	546580	=	046581	044155	044582	I	I	#40 / 390580	#40 / 392640	Lg Rfl / 095316	N/A	#50 / 390937	Large
500 S&W MAG	0.500	546585	>	046699	044700	044701	I	044702	#44/390584	#44 / 392644	Lg Rfl / 095316	ΑN	#50 / 390937	Large
500 LINEBAUGH	0.510	546587	≥	I	I	1	I	1	#25 / 390565	#25 / 392625*	Lg Rfl / 095316	ΑX	#50 / 390937	Large

\*Discontinued SKUs with limited inventory.

# **Ballistics**

Rifle Ammunition Product Lines:

American Whitetail® AG American Gunner" Critical Defense®

CL

Custom Lite® Custom"

Dangerous Game" Series

**DGX®** .. Dangerous Hornady® Bullet Types:

ELD® Match

CX" ... Copper alloy

DGS® .. Dangerous Game Solid eXpanding

Rifle Ballistics

ELD-X®. Extremely Low Drag - eXpanding FMJ ... Full Metal Jacket eXpanding FP ..... Flat Point Game™

BTHP .. Boattail Hollow

BT ..... Boattail

A-MAX®

Blackpowder **FPB®**... Flex Tip® Projectile

Barreled Rifle eXpanding FTX®... Flex Tip®

OTM... Open-Tip Match

SST® ... Super Shock Tip

Recoil Proof

W/C ... With Cannelure eXpanding Sub-X®. Subsonic **V** ..... Vented V-MAX®

XTP®... eXtreme Terminal Performance"

Precision Hunter® Outfitter® Subsonic 표

Hornady BLACK® LEVERevolution®

Varmint Express®

V-Match®

VIN Vintage Match"

Superformance® Varmint

Superformance® Match

SM S

Superformance®

Match"

EV Σ

L..... Swaged Lead InterBond<sup>®</sup>

LRN.... Lead Round Nose NTX® .. Non-Traditional ML.... Muzzleloading eXpanding Bullet MonoFlex®

HD SBR Heavy Duty Short-HP.... Hollow Point

SPF.... Superformance® RN.... Round Nose SJ .... Short Jacket SP ..... Spire Point SP-RP.. Spire Point

	Ammo Description				Velocity (fps)	v (fps)					Energy (ft/lb)	t/lb)				Trajecto	ory Table	<b>Trajectory Tables</b> (inches)		
CARTRIDGE	BULLET	ITEM #	ITEM# MUZ 100 yd		200 yd	200 yd 300 yd 400 yd 500 yd	100 yd		MUZ 1	100 yd 2	100 yd 200 yd 300 yd 400 yd 500 yd	00 yd 4	00 yd 50		MUZ 100	o yd 20	0 yd 30	100 yd 200 yd 300 yd 400 yd		500 yd
V 17 Mach 2	15.5 gr. NTX®	83176	2050	1450	1070	- 1	I	I	145	72	39	I	I	`` 	-1.5	0	-15.6	' 	ı	ı
V 17 Mach 2	17 gr. V-MAX®	83177	2100	1531	1133	I	I	I	166	88	48	I	1	1	-1.5	0	-13.8			I
V 17 HMR	15.5 gr. NTX®	83171	2525	1830	1291	I	I	I	219	115	22	I	I	`` 	-1.5		-10		1	I
V 17 HMR	17 gr. V-MAX®	83170	2550	1902	1379	I	1	I	245	137	72	I	1	1	-1.5	0	-8.5	' I	ı	I
V 17 HMR	20 gr. XTP®	83172	2375	1755	1274	I	I	ı	250	137	72	I	1	`.  -	-1.5	0	-6.9	<u> </u>	1	ı
SV 17 Homet	20 gr. V-MAX®	83002	3650	3077	2574	2122	1721	1383	592	450	294	200	132	58	1.5	1.1	0	-6.4 -2	-20.7	-46.9
B 4.6 x 30mm	38 gr. V-MAX®	90044	2100	1412	1021	828	I	I	372	168	88	62	ı	` 	-1.5	0	-16.6	-66.3	ı	ı
SV 204 Ruger	24 gr. NTX® (26" Bbl)	83209	4400	3992	3046	2504	2023	1604	1032	717	464	334	218	137 -	-1.5	9.0	0	-4.3 -1	-14.3	-33.0
SV 204 Ruger	32 gr. V-MAX® (26" Bbl)	83204	4225	3645	3137	2685	2275	1903	1268	944	669	512	368	257 -	-1.5 0	9:0	0	-4.1 -1.	-13.1	-28.9
SV 204 Ruger	40 gr. V-MAX® (26" Bbl)	83206	3900	3482	3104	2757	2435	2136	1351	1077	855	9.29	527	405	-1.5	0.7	0	-4.3 -1	-13.2 -2	-28.0
V 22 WMR	30 gr. V-MAX®	83202	2200	1454	1026	I	I	I	322	141	8	I	ı	` 	-1.5	0	-15.7	' 	ı	ı
B 5.45 x 39mm	60 gr. V-MAX® (16" Bbl)	81247	2810	2495	2202	1929	1679	1457	1052	830	949	496	376	283 -	1.8	1.9	0	-9.1	-27.7	-58.6
V 22 Hornet	35 gr. V-MAX®	8302	3070	2247	1574	1117	918	802	732	392	192	26	92	. 20	-1.5	2.9	0	-17.56.	-62.7 -1-	-149.2
C 22 Hornet	45 gr. SP	83028	2665	2241	1858	1523	1252	1071	710	202	345	232	157	115 -	-1.5	2.8	0	-13.0 -4	-41.2 -5	-91.6
C 218 Bee	45 gr. HP Match	8307	2750	1974	1362	1019	298	763	756	389	185	104	75	. 28	-1.5	3.9	0	-23.2 -7	-79.6	-182.3
SV 222 Rem	35 gr. NTX®	8309	3760	3148	2615	2140	1719	1369	1099	770	531	356	230	. 146	1.5	1.0	0	-6.2 -2	-20.1	-46.0
SV 222 Rem	50 gr. V-MAX®	8316	3345	2930	2553	2205	1886	1599	1242	953	723	540	395	284 -	-1.5	1.3	0	-6.72	-20.6	-44.3
SV 223 Rem	35 gr. NTX®	83266	4000	3353	2796	2302	1861	1483	1243	874	209	412	598	. 171	-1.5	0.8	0	-5.3 -1	-17.3	-39.6
SF 223 Rem	50 gr. CX"	83292	3300	2707	2186	1729	1352	1095	1209	814	531	332	203	133 -	-1.5	1.7	0	-9.1	-30.0	-70.3

All data from a 24" Bbl, unless otherwise noted.

SF 223 Rem SV 223 Rem

-35.6 -54.1

-16.9 -27.5

-5.6 -11.3

Ξ 0

-1.5 -1.5

432 2%

261 411

206 753

1135 991

1916 1557

2470

261 718

1290 1413

1834 2183

2144

2482 2776

2849 3106

3250 3465

832744 8025

53 gr. V-MAX® 55 gr. CX"

-2.8 0

	Ammo Description		ı	ı	Velocity (fps)	ty (fps)	ı		ı	ı	Energy (ft/lb)	t/lb)	ı			Trajectory Tables (inches)	y Tables	inches)	
CARTRIDGE	BULLET	ITEM #	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ 1	100 yd 2	200 yd 30	300 yd 40	400 yd 50	500 yd N	MUZ 10	100 yd 200 yd	yd 300 yd	d 400 yd	1 500 yd
<b>C</b> 223 Rem	55 gr. FMJ-BT	80275	3240	2837	2468	2128	1817	1540	1282	983	744	553	403	290	-1.5	0 -2.9	9 -11.5	-27.8	-54.8
<b>GD</b> 223 Rem	55 gr. FTX®	80270	3240	2690	2201	1768	I	1	1282	883	592	382	ı	1	-1.5	0 -3.4	4 -14.1	I	I
<b>AG</b> 223 Rem	55 gr. HP Match	80237	3240	2802	2405	2042	1713	1429	1282	959	902	209	358	249	-1.5	1.5 0	-7.6	-23.6	-51.5
C 223 Rem	55 gr. SP	80255	3240	2824	2444	2095	1777	1497	1282	974	730	536	386	274	-1.5	0 -2.9	7.11.7	-28.4	-56.3
V 223 Rem	55 gr. V-MAX®	8327	3240	2855	2502	2175	1873	1602	1282	995	764	578	429	313	1.5	1.4 0	-7.0	-21.4	-45.8
B 223 Rem	62 gr. FMJ	80234	3100	2751	2428	2127	1849	1597	1323	1042	811	623	471	351	-1.5	1.6 0	-7.5	-22.7	-48.2
M 223 Rem	73 gr. ELD® Match	80269	2790	2563	2348	2143	1949	1766	1262	1065	894	744	919	202	-1.5	1.9 0	-8.2	-24.0	-49.0
<b>GD</b> 223 Rem	73 gr. FTX®	80260	2790	2448	2131	1839	I	1	1262	971	736	548	ı	1	-1.5	0 -4.4	4 -16.4	I	ļ
B 223 Rem	75 gr. BTHP	80267	2790	2562	2345	2139	1943	1759	1296	1093	916	762	629	515	1.5	1.9 0	-8.2	-24.1	-49.3
SM 223 Rem	75 gr. BTHP	80264	2930	2692	2471	2259	2057	1866	1430	1209	1017	850	705	580	-1.5	1.7 0	-7.4	-21.6	-44.0
M 223 Rem	75 gr. BTHP Match™	8026	2790	2562	2345	2139	1943	1759	1296	1093	916	762	629	515	-1.5	1.9 0	-8.2	-24.1	-49.3
SF 5.56 NATO**	55 gr. CX <sup>**</sup> (20" Bb/)	812544	3175	2781	2420	2086	1781	1511	1231	944	715	531	388	6/2	-1.5	0 -3.0	0 -12.1	-29.1	-57.3
B 5.56 NATO**	<b>62 gr. FMJ</b> (20" Bbl)	81263	3060	2714	2394	2095	1820	1571	1289	1014	789	604	456	340	-1.5	1.6 0	-7.7	-23.4	-49.7
SM 5.56 NATO**	75 gr. BTHP (20" Bbl)	81264	2910	2676	2453	2242	2041	1851	1410	1192	1002	837	693	270	.2.4	1.2 0	-7.0	-21.0	-43.3
B 5.56 NATO**	75 gr. InterLock® HD SBR" (20" Bbl)	81296	2310	1695	1654	1387	1179	1042	889	643	456	321	231	181	-2.5	3.3 0	-16.1	-50.5	-109.9
VM 22 ARC	62 gr. ELD-VT™	81542	See hornady.com		for latest information	nation													
B 22 ARC	75 gr. ELD® Match	81541	See horn	ady.com for	See hornady.com for latest information	nation													
M 22 ARC	88 gr. ELD® Match	81543	See horn	ady.com for	See hornady.com for latest information	nation													
V 224 Valkyrie	60 gr. V-MAX®	81531	3300	2924	2578	2258	1%1	1690	1451	1139	885	629	512	380	-1.5	1.3 0	9.9-	-20.0	-42.6
B 224 Valkyrie	75gr. BTHP	81532	3000	2761	2534	2319	2114	1920	1499	1269	1070	968	744	614	-1.5	1.5 0	-7.0	-20.4	-41.7
M 224 Valkyrie	88 gr. ELD® Match	81534	2675	2513	2356	2205	2060	1920	1398	1234	1085	950	829	720	-1.5	2.0 0.2	-8.3	-23.7	-47.4
SV 22-250 Rem	35 gr. NTX®	8334	4450	3736	3128	2598	2125	1706	1539	1085	191	524	351	226	-1.5	0.5 0	-4.1	-13.4	-30.6
V 22-250 Rem	50 gr. V-MAX®	8336	3800	3339	2925	2548	2201	1882	1603	1238	950	721	538	393	-1.5	0.8 0	-4.9	-15.2	-32.8
SV 22-250 Rem	50 gr. V-MAX®	83366	4000	3517	3086	5696	2337	2006	1776	1373	1057	807	909	447	-1.5	0.7 0	-4.3	-13.5	-29.1
V 22-250 Rem	55 gr. V-MAX®	8337	3680	3253	2868	2514	2186	1884	1654	1293	1004	772	583	433	-1.5 (	0.9 0	-5.1	-15.8	-33.9
V 220 Swift	55 gr. V-MAX®	8324	3680	3253	2868	2514	2186	1884	1654	1293	1004	772	583	433	-1.5	0.9 0	-5.1	-15.8	-33.9
VM 6mm ARC	80 gr. ELD-VT"	81603	See horn	ady.com for	See hornady.com for latest information	nation													
PH 6mm ARC	103 gr. ELD-X®	81602	2800	2623	2452	2288	2130	1979	1793	1573	1375	1197	1038	895	-1.5	1.8 0	-7.6	-21.8	-43.7
B 6mm ARC	105 gr. BTHP	81604	2750	2580	2417	2260	2108	1963	1763	1552	1362	1190	1036	868	-1.5	1.9 0	-7.8	-22.4	-44.9
M 6mm ARC	108 gr. ELD® Match	81608	2750	2582	2421	2265	2115	1971	1813	1599	1405	1230	1072	931	-1.5	1.9 0	-7.8	-22.4	-44.8
SV 243 Win	58 gr. V-MAX®	8343	3925	3465	3052	2676	2330	2010	1984	1546	1200	922	669	520	-1.5	0.7 0	4.4	-13.8	-29.6
SV 243 Win	75 gr. V-MAX®	83433	3580	3254	2953	2672	2407	2158	2134	1764	1452	1189	965	775	-1.5	0.9 0	-4.9	-14.7	-30.5
O 243 Win	80 gr. CX"	804574	3200	2842	2513	2206	1921	1661	1819	1435	1121	864	929	490	-1.5	1.4 0	-7.0	-21.1	-44.8
CL 243Win	87 gr. SST®	80466	2800	2574	2359	2155	1%1	1778	1514	1280	1075	897	743	611	-1.5	1.9 0	-8.1	-23.8	-48.5
C 243Win	87 gr. V-MAX®	80468	3240	2990	2754	2530	2317	2114	2028	1727	1465	1236	1037	863	-1.5	1.2 0	-5.8	-17.0	-34.8
PH 243Win	90 gr. ELD-X®	80462	3150	2911	2685	2469	2264	2069	1983	1693	1440	1219	1024	855	. 1.5	1.3 0	-6.1	-18.0	-36.6
SF 243 Win	95 gr. SST®	80463	3185	2908	2649	2404	2172	1953	2140	1784	1480	1219	995	804	-1.5	1.3 0	-6.3	-18.6	-38.3
AW 243 Win	100 gr. InterLock® BTSP	8047	2960	2729	2509	2300	2101	1912	1945	1653	1398	1175	086	812	-1.5	1.6 0	-7.1	-20.9	-42.5
SF 6mm Rem	95 gr. SST®	81663	3235	2955	2693	2445	2211	1990	2207	1842	1530	1261	1031	835	-1.5	1.3 0	-6.1	-18.0	-37.0
All data from a 24" B.	All data from a 24" Bbl, unless otherwise noted.																		

All data from a 24" Bbl, unless otherwise noted.
\*\* Does not meet SAAMi standards.

844   115   1084   115   1084   115   1084   115   1168   115	(ft/lb) Trajectory Tables (inches)	s (inches)
Particle	400 yd 500 yd MUZ 100	) yd 400 yd 500 yd
Dig Elliphication		
Manufacestationery  Stage	1015 844 -1.5 1.2 0	5.9 -17.4 -35.5
Mathematical Control Edge	1174 989 -1.5 1.1 0	-5.4 -15.8 -32.1
Mathematical Continue   Math	1261 1096 -1.5 1.4 0	-6.2 -17.9 -35.9
255 Name Creedeney	1221 1064 -1.5 1.5 0	-6.6 -19.0 -38.1
255 Shawley ling Fifty of the	1264 1103 -1.5 1.5 0	-6.6 -19.0 -38.0
250 Sensing         100 gr. hard, cod* of prof.         1812         280         284         280         182         1812         280         280         280         1812         1812         280         280         280         1812         1812         280         280         280         280         280         280         1812         1812         280         280         280         280         1812         1812         280         280         280         1812         280         280         280         1812         1812         280         280         280         1812         1812         280         28	581 458 -0.8 3.3 0	-12.5 -36.5 -75.2
250 New Holes         179 SST 100         189 SS 100         189	762 606 -0.9 2.2 0	-8.9 -25.9 -53.1
25-50-Rem         109 C.C.*         14464         329         249         269         750         750         750         250         250         250         750         750         750         250	1102 905 -1.5 1.6 0	-7.3 -21.4 -43.7
25-50-8 kmm 110 pp. im. in. in. in. in. in. in. in. in. in. in	824 619 -1.5 1.2 0	-6.2 -19.0 -40.2
550 Rem         117 g.; Irent-Cot <sup>e</sup> F179         1143 g.; Irent-Cot <sup>e</sup> F179         1144 g.; Irent-Cot <sup></sup>	1350 1155 -1.5 1.3 0	-6.0 -17.3 -35.0
55 Okewhy         110g s. Shift         1463         1105         280         280         270	1143 940 -1.5 1.6 0	-7.0 -20.7 -42.2
SS Very May         109 C.Y.         1120 C.Y.         1220 C.Y.         220 C.Y.         1220 C.Y. <t< th=""><th>1249 1031 -1.5 1.4 0</th><th>-6.4 -18.9 -38.6</th></t<>	1249 1031 -1.5 1.4 0	-6.4 -18.9 -38.6
SS General         10gr EDA**         8134         2264         2264         2265         2264         2265         2264         2264         2265         2264         2264         2265         2264         2266         735         3.65	994 755 -1.5 0.9 0	-5.2 -15.8 -33.4
6.5 Grendel 129 ELDVT*  6.5 Grendel 129 ELDVAT*  6.5 Grendel 129 ELDVAT	1448 1241 -1.5 1.2 0	-5.5 -16.1 -32.6
6.5 Generide 129: SSTP		
6.5 Generadel 123 gr. 557*	1023 876 -1.5 2.3 0	-9.2 -26.4 -52.8
6.5 SSSPmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm	1028 881 -1.5 2.3 0	-9.1 -26.3 -52.7
260 Remm         139 gr. SST**         552 gr. MAX**         253 gr. MAX**         254 gr. MAX**         255 gr. MAX**	1350 1166 -1.5 1.9 0	-8.0 -22.9 -45.9
260 Rem         130 g: ELD*March         5553         2840         2675         2267         2268         2268         2268         2268         2268         2268         2268         2268         2267         1628 </th <th>1391 1193 -1.5 1.6 0</th> <th>-6.9 -20.0 -40.3</th>	1391 1193 -1.5 1.6 0	-6.9 -20.0 -40.3
6.5 Creedmoor         100 gr. ELD.VT**         81481         330         3023         2764         2520         2288         2029         1928         167         173         114         92         1.5           6.5 Creedmoor         100 gr. ELD.VT**         81504         5x honday         2201         2303         214         934         2280         1853         46         187         188         188         188         188         188         188         188         188         188         188         188         188         188         188         188         188	1412 1235 -1.5 1.7 0	-7.2 -20.6 -41.2
6.5 Creedmoor         100 gr. EID-YT*         81504         See hormady-comport intensatinformation         3150         2280         2280         1953         6280         1953         6280         1953         6280         1953         6280         1953         1680         1953         1680         1953         1680         1953         1680         1953         1680         1853         1870	1104 902 -1.5 1.2 0	-5.7 -16.9 -34.8
6.5 Creedmoor         120 gr.C**         814874         2925         2064         2031         2144         953         14687         1468         1419         979         1.5           6.5 Creedmoor         120 gr.C**         814974         3050         2826         2644         2411         2217         2033         2479         1218         1481         1490         1470         157         1483         1219         1490         117         1483         1219         1490         117         1483         1219         1490         117         1483         1210         115         1483         1210         115         1483         1210         115         1483         1210         115         115         1483         1210         121         1210         1210         1210         1210         1210         1210         115         1210         115         1210		
6.5 Creedmoor         120g. CK**         814904         3050         2826         2644         2417         2033         2479         2128         1879         1879         1879         1879         1879         2535         2394         2070         2028         2256         1969         1731         1483         1731         1432         1432         1433         1433         1433         1433         1433         1433         1433         1433         1433         1433         1433         1433         1433         1433         1433         1433         1433         1433         1433         1434         1434         1434         1434         1434         1434         1434	1191 997 -1.5 1.6 0	-7.2 -21.0 -42.6
6.5 Creedmoor         120 gr. ELD* Match         81491         2910         2715         2826         2026         1969         1713         1483         1278         105         -1.5           6.5 Creedmoor         129 gr. InterLock*         81489         2820         2615         272         2053         1882         2277         1959         1676         1427         1075         115         -1.5           6.5 Creedmoor         129 gr. SST*         81496         2750         2756         2757         2349         2223         2059         2493         2176         1497         1415         171         -1.5           6.5 Creedmoor         140 gr. BTHP Match         81500         2756         2757         2249         2205         2783         2249         2000         1773         1641         1715         171         -1.5           6.5 Creedmoor         140 gr. BTHP Match         81500         2770         2564         2472         2285         2152         2029         2023         2249         2000         1773         1780         1780         1780         1780         1780         1780         1780         1780         1780         1780         1780         1780         1780	1310 1101 -1.5 1.4 0	-6.5 -19.0 -38.7
6.5 Creedmoor         129 gr. literLock**         81489         2820         2419         2223         1832         1877         1959         1457         1707         1015         1.5           6.5 Creedmoor         129 gr. SST**         81496         2756         2751         2394         2223         2059         2479         1773         1461         1415         1214         1.5           6.5 Creedmoor         140 gr. ELD* Match         81482         2856         2435         2152         2249         200         1773         1566         1379         171	1278 1096 -1.5 1.6 0	-7.0 -20.3 -40.8
6.5 Creedmoor         129 gr. SST*         81496         2950         2751         2324         2223         2493         2176         1894         1641         1415         1214         -1.5           6.5 Creedmoor         140gr. BTPP Match         81482         2890         2356         2345         2105         1972         2249         2000         1773         1566         1379         120           6.5 Creedmoor         140 gr. ELD* Match         81500         2710         2564         2422         2285         2152         2023         2233         2043         1823         1622         143         1823         1624         147         1828         1823         2043         1823         2043         1823         2043         1823         2043         1823         2043         1823         2043         1823         2043         1823         2043         1823         2043         1823         2043         1823         2043         1823         2043         1823         1824         1823         1824         1823         1824         1823         1824         1823         1824         1823         1824         1824         1824         1824         1824         1824         1824	1207 1015 -1.5 1.8 0	-7.7 -22.5 -45.5
6.5 Creedmoor         140 gr. BTHP Match         81482         2836         2245         216         1773         1736         1379         1309         1.5           6.5 Creedmoor         140 gr. ELD* Match         81500         2710         254         2422         2285         2152         2023         2283         2043         1623         1624         1470         1870         1737         1850         1875         2875         2875         2	1415 1214 -1.5 1.5 0	-6.8 -19.7 -39.7
6.5 Creedmoor         140 gr. ELD* Match         81500         2710         2564         2285         2152         2023         2083         2083         1823         1623         1439         1773         175           6.5 Creedmoor         143 gr. ELD.**         81499         2700         2556         2417         2282         2151         2025         2375         1855         1654         1470         1302         1.5           6.5 Freedmoor         143 gr. ELD.**         81501         2862         2567         2260         2026         2370         2151         1948         1761         1302         1.5           6.5 Freedmoor         143 gr. ELD.**         81621         2862         2867         2260         2056         2056         2267         2056         2056         2056         2056         2056         2056         2056         2057         2057         2057         2058	1379 1209 -1.5 2.0 0	-8.1 -23.0 -45.8
6.5 Creedmoor         143 gr. ELD.X**         81499         2700         2556         2417         2282         2151         2025         2315         2035         1656         1656         1470         1302         1.5         1.5           6.5 Creedmoor         147 gr. ELD*Match         81501         2695         2567         2443         2823         2266         2092         2370         2151         1948         1761         1587         1428         1.5           6.5 PRC         130 gr. CX**         81621         2896         2645         2570         2250         2036         2573         2249         1947         1690         1461         1587         1.5           6.5 PRC         143 gr. ELD*Match         81621         2896         2645         2519         2281         2282         2263         2284         1947         1800         1469         1.5           6.5 PRC         140 gr. Interlock* SP         8154         2795         2645         2518         2395         2726         2764         2719         2784         1710         478         1711         448         349         1.5           6.5 PRC         100 gr. CX**         100 gr. CX**         100 gr. CX**	1439 1273 -1.5 1.9 0	-7.8 -22.3 -44.4
6.5 Freedmoor         147 gr. ELD* Match         81501         2656         2567         2433         2323         2206         2070         2170         1948         1761         1587         1428         -1.5           6.5 PRC         130 gr. CX*         81622         2782         2782         2250         2266         2265         2267         2268         2266         2267         2267         2268         2268         2267         2269         2268         2267         2269         2268         2267         2268         2268         2267         2268         2268         2267         2268         2268         2267         2268         2268         2267         2268         2268         2267         2268         2268         2267         2268	1470 1302 -1.5 1.9 0	-7.9 -22.4 -44.5
6.5 PRC         130 gr. CX**         816.2         2975         2870         2420         2250         2086         2655         2234         1947         1690         1461         1256         -1.5           6.5 PRC         143 gr. ELD.**         816.21         2960         2861         2519         2248         2782         2524         2514         2514         1870         1670         1.5           6.5 PRC         147 gr. ELD*Match         816.20         2970         2775         2519         2782         2784         2514         2283         2069         1871         1689         -1.5           6.5 PRC         140 gr. InterLock* SP         8154         2975         2774         2784         2714         2784         2787         2784         2787         2787         1789         1879         1879         -1.5           6.5 PRC         100 gr. CX**         8154         2975         274         2784         2787         2784         2787         278         278         278         278         278         278         278         278         278         278         278         278         278         278         278         278         278         278 <th< th=""><th>1587 1428 -1.5 1.9 0</th><th>-7.7 -21.9 -43.2</th></th<>	1587 1428 -1.5 1.9 0	-7.7 -21.9 -43.2
6.5 PRC         143 gr. ELD×8         81621         2860         2645         2519         2381         2248         2782         2548         2782         2573         2248         2782         2583         2248         1871         1689         -1.5           6.5 PRC         147 gr. ELD* Match         81620         2910         2775         2645         2518         2275         2764         2514         2514         2583         2069         1871         1689         -1.5           264 Win Mag         140 gr. InterLock* SP         8154         2935         2734         2182         2013         2678         2324         2009         1729         1479         1259         -1.5           68mm SPC         100 gr. CX**         834814         2550         2227         1936         1659         1720         1444         1102         827         611         448         334         -1.5           6.8 mm SPC         100 gr. CX**         100 gr. CX**         100 gr. CX**         100 gr. CX**         1720         1544         140         1341         1101         896         774         582         -2.4	1461 1256 -1.5 1.5 0	-6.6 -19.2 -38.7
6.5 PRC  4.7 gr. ELD <sup>®</sup> Match  81620  2970  2775  2645  2518  2375  2775  2784  2775  2784  2775  2784  2784  2787  2784  278	1800 1604 -1.5 1.5 0	-6.4 -18.2 -36.2
264 Win Mag         140 gr. InterLock® SP         8154         2734         2542         2358         2182         2013         2678         2324         2009         1729         1479         1259         -1.5           6.8 mm SPC         100 gr. CX**         834814         2550         2227         1930         1629         1421         1226         1444         1102         827         611         448         334         -1.5           6 8mm SPC         10 or. V-MAX® It/s Bb)         83444         2575         2343         2123         1916         1722         1544         1619         1341         1101         896         724         582         -2.4	1871 1689 -1.5 1.5 0	-6.5 -18.4 -36.5
6.8mmSPC 100 gr. CX** 834814 2550 2227 1930 1659 1421 1226 1444 1102 827 611 448 334 -1.5 6.8mmSPC 110 gr. CX:MAX** 617** 8134 2575 2343 2123 1916 1722 1544 1419 1341 1101 894 774 582 -2.4	1479 1259 -1.5 1.6 0	-7.0 -20.2 -40.8
6.8mm SPC 110 or. V:MAX® 1/4'8 Bb) 83464 2575 2343 2123 1916 1722 1544 1619 1341 1101 896 724 582 -2.4	448 334 -1.5 2.8 0	-12.2 -37.1 -79.4
	724 582 -2.4 2.0 0	-9.7 -29.0 -60.0
C 6.8mm SPC 120 gr. SST® (16" Bb) 8347 2460 2250 2051 1863 1687 1524 1612 1349 1121 925 758 619 -2.4	758 619 -2.4 2.3 0	-10.5 -31.1 -64.0

	Ammo	Ammo Description				Velocity (fps)	y (fps)				ш	Energy (ft//b)	(9)				Trajectory Tables (inches)	Tables (i	nches)	
CAR	CARTRIDGE	BULLET	ITEM #	MUZ	100 yd	200 yd	300 yd 4	400 yd 5	500 yd	MUZ 10	100 yd 20	200 yd 300	300 yd 400	400 yd 500	500 yd MI	MUZ 100 yd	yd 200 y	d 300 yr	200 yd 300 yd 400 yd	500 yd
0	270 Win	130 gr. CX"	805294	3000	2648	2323	2021	1744	1497	2598	2021 1	1557 11	1179 8.	9 878	-1 -1	-1.5 1.7	0	-8.2	-25.1	-53.4
R	270 Win	130 gr. CX"	80524	3190	2945	2714	2494	2285	2085	2937	2503 2	2126 17	1795 15	1507 12	1255 -1	-1.5 1.3	0	-6.0	-17.6	-35.9
R	270 Win	130 gr. SST®	80543	3200	2984	2779	2583	23%	2216	2956	2570 2	2229 19	1926 16	1656 14	1417 -1	-1.5 1.2	0	-5.7	-16.7	-33.7
W	270 Win	130 gr. InterLock® SP	8053	3060	2852	2653	2463	2281	2107	2703	2347 2	2032 17	1752 15	1502 12	1281 -1	-1.5 1.4		-6.4	-18.4	-37.2
W	270 Win	140 gr. InterLock® SP	80534	2940	2747	2563	2386	2216	2053	7892	2346 2	2042 17	1770 15	1526 13	1310 -1	-1.5 1.6	0	-6.8	-19.8	-39.9
K	270 Win	140 gr. SST®	80563	3090	2894	2707	2528	2355	2189	2968	2604 2	2278 19	1986	1724 14	1490 -1	-1.5 1.3	0	-6.1	-17.6	-35.5
Ŧ	270 Win	145 gr. ELD-X®	80536	2970	2796	2627	2465	2308	2157	2840	2516 2	2222 19	1955 17	1714 12	1497 -1	-1.5 1.5	0	-6.5	-18.8	-37.6
0	270 WSM	130 gr. CX"	805574	3150	2907	2678	2460	2252	2054	2864	2440 2	2070 17	1747 14	1464 12	1218 -1	-1.5 1.3	0	-6.2	-18.1	-36.9
Ŧ	270 WSM	145 gr. ELD-X®	80228	3100	2918	2744	2576	2414	2258	3094	2741 2	2423 27	2136 18	1876 16	1641 -1	-1.5 1.3	0	-5.9	-17.1	-34.2
Ē	7-30 Waters	120 gr. FTX®	81569	2700	2425	2167	1926	1702	1500	1942	1567 1	1251 9	7 886	772 5	599 -1	-1.5 2.2	0	-9.7	-28.8	-59.9
U	275 Rigby	140 gr. InterLock® SP	8070	2680	2456	2242	2040	1848	1670	2217	1861	1552 12	1284 10	1054 8	1- 098	-1.5 2.2	0	-9.1	-26.5	-54.2
ر ا	7mm-08 Rem	120 gr. SST®	80572	2675	2435	2207	1992	1790	1604	1907	1579 1	1298 10	1057 8!	854 6	-1 -1	-1.5 2.2	0	-9.4	-27.5	-56.6
R	7mm-08 Rem	139 gr. CX"	805764	2910	2694	2488	2291	2103	1925	2613	2240 1	1910 16	1620 13	1365 11	1143 -1	-1.5 1.7	0	-7.3	-21.2	-43.0
W	7mm-08 Rem	139 gr. InterLock® SP	8057	2840	2608	2387	2177	1978	1790	2489	2098 1	1758 14	1463 12	1207 9	-1 686	-1.5 1.8	0	-7.9	-23.2	-47.5
胀	7mm-08 Rem	139 gr. SST®	80573	2950	2757	2572	2395	2224	2061	2686	2346 2	2042 17	1770 15	1527 13	1311 -1	-1.5 1.5	0	-6.8	-19.7	-39.6
Ŧ	7mm-08 Rem	150 gr. ELD-X®	82228	2770	2613	2461	2315	2173	2037	2555	2274 2	2018 17	1784 15	1573 13	1381 -1	-1.5 1.8	0	-7.5	-21.6	-43.0
£	280 Rem	150 gr. ELD-X®	81587	2925	2763	2607	2455	2309	2167	2849	2543 2	2263 20	2007 17	1775 15	1564 -1	-1.5 1.5	0	-6.7	-19.1	-38.0
Æ	280 Ackley Imp	162 gr. ELD-X®	85586	2850	2704	2562	2424	2291	2162	2921	2629 2	2360 2	2114 18	1888 16	1681 -1	-1.5 1.6	0	-6.9	-19.8	-39.3
AW	7mm Rem Mag	139 gr. InterLock® SP	80591	3150	2933	2728	2531	2343	2162	3062	2656 2	22% 19	1977 16	1694 12	1443 -1	-1.5 1.3	0	-5.9	-17.3	-35.1
R	7mm Rem Mag	139 gr. SST®	80593	3240	3033	2837	2649	2469	2295	3240	2840 2	2484 27	2166 18	1881	1626 -1	-1.5 1.2	0	-5.5	-15.9	-32.0
0	7mm Rem Mag	150 gr. CX"	806114	3000	2792	2593	2403	2221	2047	2997	2596 2	2240 19	1923 16	1643 13	1395 -1	-1.5 1.5	0	-6.7	-19.4	-39.2
AW	7mm Rem Mag	154 gr. InterLock® SP	80590	3035	2815	2605	2405	2214	2031	3150	2709 2	2321 15	1978 16	1676 14	1411 -1	-1.5 1.5	0	-6.6	-19.2	-38.9
R	7mm Rem Mag	154 gr. SST®	8061	3100	2915	2737	2567	2403	2244	3286	2905 2	2562 22	2253 19	1974 17	1722 -1	-1.5 1.3	0	-5.9	-17.2	-34.4
품	7mm Rem Mag	162 gr. ELD-X®	80636	2975	2827	2682	2542	2406	2274	3183	2874 2	2588 23	2324 20	2082 18	1860 -1	-1.5 1.4	0	-6.3	-17.9	-35.6
R	7mm Rem Mag	162 gr. SST®	80633	3030	2856	2689	2527	2372	2222	3302	2933 2	2600 22	2298 20	2023 17	1775 -1	-1.5 1.4	0	-6.2	-17.8	-35.7
0	7mm WSM	150 gr. CX"	805514	3050	2839	2639	2447	2263	2087	3098	2685 2	2319 19	1994 17	1705 14	1450 -1	-1.5 1.4	0	-6.4	-18.6	-37.7
Ŧ	7mm WSM	162 gr. ELD-X®	80552	3000	2849	2702	2560	2423	2290	3237	2918 2	2626 23	2358 21	2112 18	1886 -1	-1.5 1.4	0	-6.2	-17.6	-35.0
0	7mm PRC	160 gr. CX™	80713	3000	2840	2686	2537	2393	2254	3197	2865 2	2563 22	2287 20	2035 18	1804 -1	-1.5 1.5		-6.2	-17.9	-35.6
Ŧ	7mm PRC	175 gr. ELD-X®	80712	3000	2861	7272	2597	2470	2347	3497	3181 2	2890 26	2620 23	2371 2	2141 -1	-1.5 1.4	0	-6.0	-17.2	-34.2
Σ	7mm PRC	180 gr. ELD® Match	80711	2975	2855	2739	2626	2516	2408	3439	3168 2	2915 26	2679 24	2459 22	2253 -1	-1.5 1.4	0	-6.0	-17.1	-33.7
Ŧ	28 Nosler	162 gr. ELD-X®	8069	3175	3017	2866	2719	2578	2440	3626	3275 2	2954 26	2660 23	2390 2.	2142 -1	-1.5 1.2	0	-5.4	-15.5	-30.9
표	7mm STW	162 gr. ELD-X®	80851	3050	2897	2749	2606	2468	2333	3346	3018 2	2718 24	2443 21	2190 19	1958 -1	-1.5 1.3	0	-5.6	-17.0	-33.8
8	30 Carbine	110 gr. FTX® (20" Bbl)	81030	2000	1601	1279	1067	I	I	21.6	979	399 2	- 278		ٻ ا	-0.9	-12.9	-47.2	I	I
U	300 Blackout	110 gr. CX" (16" Bbl)	808794	2285	2029	1791	1575	1383	1224	1275	1005	784 6	4 909	467 3	366 -1	-1.5 3.5	0	-14.4	-42.9	-89.7
В	300 Blackout	110 gr. NTX® (16" Bbl)	80862	See hornady.com		for latest information	ation													
В	300 Blackout	110 gr. V-MAX® (16" Bbl)	80873	2375	2094	1834	1597	I	1	1378	1071	821 6	279		- -	-1.5 3.2	0	-13.7	I	I
AG	300 Blackout	125 gr. HP Match (16" Bb/)	80897	2175	1932	1708	1505	1	1	1313	1036	810 6	- 609	·	<u>-</u>	-1.5 4.0	0	-15.9	I	I
U	300 Blackout	135 gr. FTX® (16" Bbl)	80881	2085	1811	1564	1350	1	ı	1303	983	733 5	- 246		-	-1.5 4.6	0	-18.9	1	I
SUB	300 Blackout	190 gr. SUB-X <sup>®</sup> (16" Bbl)	80877	1050	866	955	918	1	T	465	420	384 3	355 -		<u>-</u>	-1.5 0	-33.4	-104.6	I	I
All da	All data from a 24" Bbl. unless otherwise noted.	therwise noted.																		

All data from a 24" Bbl, unless otherwise noted.

Am	Ammo Description				velocity (rps,	<b>(</b> tps)					Energy (ft/lb)	(lb)				<b>Trajectory Tables</b> (inches)	, Tables (	nches)	
CARTRIDGE	BULLET	ITEM #	MUZ	100 yd	200 yd :	300 yd 4	400 yd 50	500 yd N	MUZ 10	100 yd 20	200 yd 300	300 yd 400	400 yd 500 yd		MUZ 100 yd	yd 200 yd	d 300 yd	d 400 yd	d 500 yd
B 300 Blackout	208 gr. A-MAX® (16" Bb/)	80891	1020	286	626	I	I	1	480	450 4	424	ļ	I	7	-1.5 0	-33.5		ı	ı
LEV 30-30 Win	140 gr. MonoFlex®	82731	2465	2183	1920	1679	1		1889	1481 1	1146 87	- 928	1	7	-1.5 0	-5.8	-21.2	I	I
AW 30-30 Win	150 gr. RN	80801	2390	1959	1581	1276	I		1902	1278 8	832 54	542	I	-	-1.5 0	7.7-	-29.6	I	ı
LEV 30-30 Win	160 gr. FTX®	82730	2400	2151	1917	1700	I	_ 2	2046	1643 1	1305 10	1027		-	-1.5 3.0	0 0	-12.5	I	I
<b>SUB</b> 30-30 Win	175 gr. SUB-X®	80809	1050	7.17	921	874	I	-	428	371	329 29	297	I	-	-1.5 0	-34.9	-110.8	I	ı
SF 300 Savage	150 gr. SST®	82221	2740	2499	2272	2056	1852	1663 2	2500 2	2081 1	1718 14	1407 11	1143 921		-1.5 2.1	0	-8.8	-25.8	-53.1
LEV 307 Win	160 gr. FTX®	8273	2650	2386	2137	1904	1688	1492 2	2494 2	2022	1622 12	1287 10	1012 791		-1.5 2.3	0	-10	-29.6	-61.4
LEV 308 Marlin Express	160 gr. FTX®	82733	2660	2438	2227	2027	1838	1661 2	2514	2112	1762 14	1459 12	1200 980		-1.5 2.2	0	-9.2	-26.9	-54.9
CL 308 Win	125 gr. SST®	99808	2675	2389	2121	1871	1642	1437	1986	1584	1248 97	7 176	748 573		-1.5 2.3	0	-10.1	-30.1	-63.2
SF 308 Win	150 gr. CX"	80944	2900	2679	2468	2267	2076	1894 2	2801 2	2390 2	2029 17	1712 14	1435 1195		-1.5 1.7	0	-7.4	-21.6	-43.9
308 Win	150 gr. CX"	80982	2800	2584	2377	2181	1993	1816 2	2611 2	2223	1882 15	1584 13	1323 1099		-1.5 1.9	0	-8.0	-23.4	-47.5
AW 308 Win	150 gr. InterLock® SP	8090	2820	2561	2316	2085	1868	1667 2	2649	2184 1	1787 14	1448 11	1162 925		-1.5 1.9	0	-8.4	-24.9	-51.3
SF 308 Win	150 gr. SST®	80933	3000	2772	2556	2350	2153	1966 2	2997	2559 2	2176 18	1839 15	1543 1287		-1.5 1.5	0	-6.8	-20.0	-40.7
C 308 Win	150 gr. SST®	8093	2820	2601	2393	2194	2005	1826 2	2649 2	2253 1	1907 16	1603 13	1338 1110		-1.5 1.8	3 0	-7.9	-23.1	-46.9
B 308 Win	155 gr. A-MAX®	80927	2850	2639	2438	2245	2062	1887 2	2795	2397 2	2045 17	1735 14	1463 1225		-1.5 1.8	3 0	-7.6	-22.1	-44.9
<b>AG</b> 308 Win	155 gr. BTHP Match	29608	2700	2482	2274	2076	1888	1712 2	2509	2119 1	1779 14	1483 12	1227 1009		-1.5 2.1	0	8.8	-25.7	-52.4
308 Win	155 gr. FTX®	80920	2785	2499	2231	1980	I		2669	2150 1	1713 13	1349 -	I	-	-1.5 0	4.1	-15.2	ļ	ı
O 308 Win	165 gr. CX"	809864	2610	2412	2224	2044	1872	1711 2	2496	2132 1	1812 15	1530 12	1284 1072		-1.5 2.3	0	-9.3	-26.9	-54.5
SF 308 Win	165 gr. CX"	80990	2750	2546	2352	2166	1988	1820 2	2771	2375 2	72027	1719 14	1449 1214		-1.5 2.0	0 0	-8.2	-23.9	-48.4
AW 308 Win	165 gr. InterLock <sup>®</sup> SP	80904	2700	2496	2302	2116	1939	1772 2	2671 2	2283 1	1941 16	1640 13	1377 1150		-1.5 2.1	0	-8.6	-25.0	-50.7
SF 308 Win	165 gr. SST®	80983	2840	2636	2440	2253	2074	1904 2	2955 2	2545 2	2182 18	1860 15	1577 1328		-1.5 1.8	3 0	-7.6	-22.1	-44.6
B 308 Win	168 gr. A-MAX®	80971	2700	2513	2333	2161	1996	1839 2	2719 2	2355 2	2030 17	1742 14	1486 1261		-1.5 2.0	0	-8.4	-24.3	-48.9
308 Win	168 gr. BTHP	8097	2700	2503	2315	2134	1962	1799 2	2719 2	2337 1	1998 16	1699	1436 1207		-1.5 2.0	0 0	-8.5	-24.7	-50.0
M 308 Win	168 gr. ELD® Match	99608	2700	2530	2366	2209	2057	1912 2	2719 2	2388 2	2089 18	1820 15	1579 1364		-1.5 2.0	0	-8.2	-23.5	-47.1
SM 308 Win	168 gr. ELD® Match	80%3	2840	2665	2496	2334	2177	2027 3	3009 2	2649 2	2324 20	2032 17	1769 1533		-1.5 1.7	0 ,	-7.3	-21.0	-45.0
308 Win	178 gr. BTHP	8105	2600	2436	2278	2125	1979	1839 2	2672 2	2345 2	2050 17	1785 15	1548 1337		-1.5 2.2	0	-8.9	-25.5	-51.0
PH 308 Win	178 gr. ELD-X®	80994	2600	2443	2291	2145	2004	1868 2	2671 2	2358 2	2074 18	1818 15	1587 1379		-1.5 2.2	0	8.8	-25.2	-50.2
<b>C</b> 30-40 Krag	180 gr. InterLock® SP	81202	2430	2234	2047	1869	1703	1548 2	2360	1994	1674 13	1397 11	1159 958		-1.5 2.8	0	-11.0	-32.1	-65.2
SF 30TC	150 gr. SST®	81004	3000	2772	2556	2350	2153	1966 2	2997	2559 2	2176 18	1839 15	1543 1287		-1.5 1.5	0	-6.8	-20.0	-40.7
CL 30-06 Springfield	125 gr. SST®	81066	2700	2412	2143	1891	1660	1454 2	2023	1615 1	1274 9	266	765 586		-1.5 2.3	0	6.6-	-29.5	-61.9
SF 30-06 Springfield	150 gr. CX"	81124	3080	2850	2631	2423	2224	2035 3	3159 2	2704 2	2306 19	1955 16	1647 1379		-1.5 1.4	0 1	-6.4	-18.8	-38.2
O 30-06 Springfield	150 gr. CX"	81108	3000	2774	2559	2354	2158	1972 2	2997 2	2562 2	2181 18	1845 15	1551 1295		-1.5 1.5	0	-6.8	-20.0	-40.6
AW 30-06 Springfield	150 gr. InterLock® SP	8108	2910	2637	2381	2139	1911	1700 2	2820 2	2317 1	1888 15	1523 12	1216 963		-1.5 1.8	3 0	-7.9	-23.5	-48.6
SF 30-06 Springfield	150 gr. SST®	81093	3080	2848	2628	2418	2218	2028 3	3159	2701 2	2300 19	1948 16	1639 1370		-1.5 1.4	0 1	-6.4	-18.8	-38.3
SF 30-06 Springfield	165 gr. CX"	81169	2940	2728	2525	2332	2147	1970 3	3167	2726 2	2336 19	1992 16	1688 1422		-1.5 1.6	0 9	-7.0	-20.5	-41.5
SF 30-06 Springfield	165 gr. SST®	81153	2960	2750	2550	2358	2175	2000	3210 2	2770 2	2382 20	2037 17	1733 1465		-1.5 1.6	0 9	-6.9	-20.1	-40.6
VIN 30-06 Springfield	168 gr. ELD® Match	81171	2710	2540	2376	2218	2066	1920 2	2739 2	2406 2	2105 18	1835 15	1592 1375		-1.5 2.0	0 0	-8.1	-23.3	-46.7
PH 30-06 Springfield	178 gr. ELD-X®	81174	2750	2588	2431	2280	2134	1993 2	2988 2	2646 2	2335 20	2054 17	1799 1570		-1.5 1.8	0	-7.7	-22.2	-44.3
o 30-06 Springfield	180 gr. CX"	811644	2700	2511	2330	2156	1989	1831 2	2914	2520 2	2169 18	1857 15	1582 1340		-1.5	-4.0	11 5	-32 4	-59.2

Amm	Ammo Description	1	ı	ı	Velocity (fps)	y (fps)	ı	Ī	ı	ı	Energy (ft/lb)	t/lb)	ı			Trajectory Tables (inches)	y Tables	inches)	
CARTRIDGE	BULLET	ITEM #	MUZ	100 yd	200 yd	300 yd ,	400 yd	500 yd	MUZ 1	100 yd 2	200 yd 30	300 yd 40	400 yd 50	500 yd N	MUZ 10	100 yd 200 yd	yd 300 yd	d 400 yd	1 500 yd
AW 30-06 Springfield	180 gr. InterLock® SP	81084	2700	2492	2293	2103	1923	1753	2714	2481	2101	1768	1478	1228	-1.5	2.1 0	-8.7	-25.2	-51.2
SF 30-06 Springfield	180 gr. SST®	81183	2820	2630	2448	2274	2106	1946	3178	2765	23%	5066	. 2771	1513	-1.5	1.8 0	-7.6	-21.9	-44.1
300 H&H Mag	180 gr. InterBond®	8210	2870	2678	2494	2318	2148	1986	3292	2866	2486	2147	1844	1576	-1.5	1.7 0	-7.3	-21.0	-42.3
PH 300 Rem SA Ultra Mag	178 gr. ELD-X®	82144	2950	2780	2616	2458	2305	2158	3439	3053	2704	2387	2100	1840	-1.5	1.5 0	-6.6	-18.9	-37.8
PH 300 RCM	178 gr. ELD-X®	82224	2900	2733	2571	2415	2264	2119	3323	2952	2613	2305	2026	1774	-1.5	1.6 0	-6.8	-19.7	-39.3
300 WSM	165 gr. InterLock®	82204	3130	2906	2693	2490	22%	2110	3589	3093	2657	2271	1931	1631	-1.5	1.3 0	-6.1	-17.9	-36.2
300 WSM	180 gr. CX"	822034	2900	2702	2513	2332	2158	1992	3361	2918	2524	2173	1861	1585	-1.5	1.6 0	-7.1	-20.7	-41.8
PH 300 WSM	200 gr. ELD-X®	82208	2820	2667	2519	2375	2237	2103	3531	3158	2817	2506	2222	1963	-1.5	1.7 0	-7.2	-20.6	-40.9
AW 300 Win Mag	150 gr. InterLock® SP	8204	3275	2988	2719	2466	2227	2001	3572	2973	2463	2028	1651	1333	-1.5	1.2 0	-5.9	-17.6	-36.3
SF 300 Win Mag	165 gr. CX"*	820264	3260	3031	2815	5005	2412	2223	3893	3367	2903	2493	2131	1810	-1.5	1.2 0	-5.5	-16.2	-32.9
PH 300 Win Mag	178 gr. ELD-X®	82041	2960	2789	2625	2467	2314	2166	3463	3075	2723	2405	2116 1	1854	-1.5	1.5 0	9.9-	-18.8	-37.6
M 300 Win Mag	178 gr. ELD® Match	82043	2960	2788	2622	2462	2308	2159	3463	3071	2717	73%	2106	1843	-1.5	1.5 0	-6.5	-18.8	-37.7
O 300 Win Mag	180 gr. CX"	821974	2960	2760	2568	2385	2209	2040	3502	3044	2636	2273	1949	1663	-1.5	1.5 0	-6.8	-19.8	-39.9
AW 300 Win Mag	180 gr. InterLock® SP	82044	2960	2739	2530	2329	2138	1956	3502	2999	2557	2168	1826	1529	-1.5	1.6 0	-7.0	-20.4	-41.5
SF 300 Win Mag	180 gr. SST®	82193	3130	2926	2732	2546	2368	2196	3915	3422	2983	2591	2240	1928	-1.5	1.3 0	-5.9	-17.2	-34.8
M 300 Win Mag	195 gr. ELD® Match	82180	2930	2769	2615	2465	2321	2181	3717	3321	2960	2631	2332 2	2059	-1.5	1.5 0	9.9-	-18.9	-37.7
PH 300 Win Mag	200 gr. ELD-X®	82002	2860	2707	2558	2414	2274	2140	3632	3253	2905	2587	2297 2	2033	-1.5	1.6 0	-6.9	-19.9	-39.5
O 300 Wby Mag	180 gr. CX"	822124	3100	2893	5696	2507	2326	2152	3841	3345	2905	2512	2163 1	1852	-1.5	1.3 0	-6.1	-17.8	-35.9
PH 300 Wby Mag	200 gr. ELD-X®	82213	2960	2804	2652	2505	2363	2225	3890	3491	3123	2786	2479	2198	-1.5	1.5 0	-6.4	-18.4	-36.5
O 300 PRC	190 gr. CX"	82164	3000	2834	2675	2521	2372	2229	3797	3389	3019	2892	2375 2	2095	-1.5	1.4 0	-6.3	-18.0	-36.0
PH 300 PRC	212 gr. ELD-X®	82166	2860	2723	2589	2460	2334	2212	3850	3489	3156	2849	2565 2	2304	-1.5	1.6 0	-6.8	-19.3	-38.3
M 300 PRC	225 gr. ELD® Match	82162	2810	2692	2577	2465	2356	2250	3945	3620	3318	3036	2773	2528	-1.5	1.7 0	-6.9	-19.5	-39.4
O 300 Rem Ultra Mag	180 gr. CX"	82084	3200	2988	2787	2594	2410	2233	4093	3269	3104	2690	2321 1	1992	-1.5	1.2 0	-5.7	-16.5	-33.4
PH 300 Rem Ultra Mag	220 gr. ELD-X®	8209	2910	2766	2627	2492	2361	2234	4136	3738	3371	3034	2723 2	2438	-1.5	1.5 0	-6.5	-18.7	-37.1
PH 30-378 Wby Mag	220 gr. ELD-X®	82214	3025	2877	2735	2597	2463	2332	4470	4044	3653	3293	2962	2657	-1.5	1.4 0	-6.0	-17.2	-34.1
B 7.62×39	111 gr. MonoFlex®	80788	See horna	dy.com for	See hornady.com for latest information	ation													
AG 7.62 x 39	123 gr. HP Match (20" Bbl)	80786	2350	2053	1780	1535	1324	1159	1508	1151	865	643	479	367	-1.5	3.4 0	-14.4	-43.8	-93.0
B 7.62×39	123 gr. SST® (20" Bb/)	80784	2350	2040	1756	1503	1290	1129	1508	1136	842	617	454	348	-1.5	3.5 0	-14.8	-45.2	-96.5
<b>SUB</b> 7.62 × 39	255 gr. SUB-X® (20" Bbl)	80787	1050	886	940	868	862	829	624	553	200	457	421	389	-1.5	0 -34.0	.0 -107.5	-224.0	-387.6
C 303 British	150 gr. InterLock® SP	8225	2685	2441	2211	1993	1789	1601	2401	1985	1628	1323	1066	854	-1.5	2.2 0	-9.3	-27.4	-56.4
LEV 32 Win Special	165 gr. FTX®	82732	2410	2144	1897	1669	I	I	2128	1685	1318	1020	ı	ı	. 6.0-	3.4 0	-13.1	1	I
VIN 8 × 57 JS	196 gr. BTHP	82298	2500	2338	2182	2032	1888	1751	2720	2379	2072	1797	1552	1335	-1.5	2.4 0	-9.8	-27.9	-55.9
1EV 338 Marlin Express	200 gr. FTX®	82240	2565	2365	2174	1992	1820	1659	2922	2484	5099	1763	1471	1221	-1.5	2.4 0	-9.7	-28.3	-57.3
SF 338 RCM	225 gr. SST®	82236	2750	2575	2408	2246	2091	1942	3778	3314	5896	2521	2184 1	1884	-1.5	1.9 0	-7.9	-22.7	-45.5
SF 338 Win Mag	200 gr. SST®	82223	3030	2820	2620	2429	2246	2071	4077	3532	3049	2621	2240	1904	-1.5	1.4 0	-6.5	-18.9	-38.3
O 338 Win Mag	225 gr. CX"	823394	2800	2615	2437	2266	2102	1945	3917	3416	2967	2566	2208	1891	-1.5	1.8 0	-7.6	-22.1	-44.4
SF 338 Win Mag	225 gr. SST®	82233	2840	2997	2491	2326	2168	2016	4029	3540	3100	2704	2348 2	2030	-1.5	1.7 0	-7.3	-21.1	-42.2
PH 338 Win Mag	230 gr. ELD-X®	82222	2810	2662	2519	2831	2246	2116	4032	3620	3241	2894	2576 2	2287	-1.5	1.7 0	-7.2	-20.5	-40.7
C 338 Lapua Mag	240 gr. CX"	82318	See horna	dy.com for	See hornady.com for latest information	ation													
All data from a 21" Bhi upless	beton esimies																		

All data from a 24" Bbl, unless otherwise noted.

Part		Ammo	Ammo Description				Velocity (fps.	fos)			Ener	Eneray (#//b)				Traje	ectory Ta	ables (incl	es)	
Halloughely Significant Signif	CARTRI		BULLET	ITEM #				ō			7		400 yd		MUZ	100 yd	200 yd	300 yd	yd	500 yd
Stationardone of the control of the		apua Mag	250 gr. BTHP	8230	2860	2722						3351	3015	2706	-1.5	1.6	0	-6.8	-19.3	-38.3
Statement		apua Mag	270 gr. ELD-X®	82313	2800	2680						3590	3270	2973	-1.5	1.7	0	-7.0	-19.7	-39.9
Mathematical		apua Mag	285 gr. ELD® Match	82300	2745	2636						3723	3418	3133	-1.5	1.8	0	-7.2	-20.3	-39.8
Billiophical Diggraphical Signature Annalesia (Section Processes and Annalesia (Section Processes Annal		Vin	200 gr. FTX®	82738	2560	2294						1456	1133	879	-1.5	5.6	0	-10.8	-32.6	-679
December of togs FTW. The state of the state		egend	150 gr. InterLock®	81199	See horna	_	test informati	uo												
Dissipation by the particle of the control of the c	C 350 Lt	egend	165 gr. FTX®	81197	2200	1890						689	I	I	-1.5	4.2	0	-17.6	ı	I
Subsignment Stage Study Study Study Stage		egend	170 gr. InterLock® SP	81196	2200	1843			1	- 18.		609	I	I	-1.5	4.5	0	-19.4	I	I
3.9. Monitor         2009 printical circle         2009	<b>SUB</b> 350 L <sub>4</sub>	egend	250 gr. SUB-X®	81198	1050	6%						408	367	332	-1.5	0	-35.5	-113.2	-238.2	-416.1
93.9.0.         33.9.0. <t< th=""><th></th><th>E</th><th>200 gr. FTX®</th><th>82735</th><th>2225</th><th>1963</th><th></th><th>1505</th><th></th><th>- 219</th><th></th><th>1006</th><th>I</th><th>I</th><th>-1.5</th><th>3.8</th><th>0</th><th>-15.6</th><th>1</th><th>ı</th></t<>		E	200 gr. FTX®	82735	2225	1963		1505		- 219		1006	I	I	-1.5	3.8	0	-15.6	1	ı
National Single-intercel-system (2.5) 2.5 (2.5	C 358 W	/in	200 gr. InterLock® SP	91318	2475	2180			,			1217	913	692	-1.5	5.9	0	-12.6	-37.9	-80.3
13. Significant content of the parameter		helen	200 gr. InterLock® SP	81193	2910	2585						1778	1347	1012	-1.5	1.9	0	-8.6	-25.9	-54.8
9.3-4-4-5-4-1-1	DG 9.3 x 7	74R	286 gr. InterLock® SP-RP	82304	2360	2155						2008	1642	1341	-1.5	0	-6.0	-21.1	-47.2	-86.8
Option         Designation         255 grant model         SEA         GMS         GMS </th <th></th> <th>52mm</th> <th>286 gr. InterLock® SP-RP</th> <th>82303</th> <th>2360</th> <th>2155</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>2008</th> <th>1642</th> <th>1341</th> <th>-1.5</th> <th>0</th> <th>-6.0</th> <th>-21.1</th> <th>-47.2</th> <th>-86.8</th>		52mm	286 gr. InterLock® SP-RP	82303	2360	2155						2008	1642	1341	-1.5	0	-6.0	-21.1	-47.2	-86.8
7.5. Global controlled State St	DG 376 St	teyr	225 gr. InterLock® SP-RP	8234	2600	2332						1698	1323	1027	-1.5	0	-4.9	-17.9	-41.2	-77.7
75 High Huggs         75 Group CVT         631 Group CVT         731 Group CVT         732 Group		teyr	270 gr. InterLock <sup>®</sup> SP-RP	8237	2600	2372						2283	1855	1500	-1.5	0	-4.7	-16.9	-38.3	-70.9
475 Hely Mage         270 Tube Link Holes         670 State Holes         670 Stat		8Н Мад	250 gr. CX"	823314	2700	2481						2385	1972	1620	-1.5	2.1	0	-8.8	-25.8	-52.6
475 Highly Mage         300 pi DOCY Bonded         5223         7523         1523		¹&H Mag	270 gr. InterLock® SP-RP SPF	8208	2800	2562						5696	2208	1793	-1.5	0	-3.8	-14.0	-32.0	-59.4
75 Registry         2009 DOCK Bonded         8233 G 224 G 225	1	¹&H Mag	300 gr. DGS®	82322	2530	2223						1875	1396	1050	-1.5	0	-5.6	-20.5	-47.8	-91.9
75 Right         20g CCT         2337 A         280 D         280 D         780 D		1&H Mag	300 gr. DGX® Bonded	82334	2530	2223						1875	1396	1050	-1.5	0	-5.6	-20.5	-47.8	-91.9
75 Right         200 Graph         2234         2245         155         415         425         415		uger	250 gr. CX"	823374	2800	2576						2588	2146	1768	-1.5	1.9	0	-8.1	-23.8	-48.4
375 Rigger         300g-DGS*         2824         2845         2845         473	DG 375 Rt	uger	270 gr. InterLock® SP-RP	8231	2840	2600						2786	2283	1855	-1.5	0	-3.7	-13.5	-30.9	-57.4
75 Rogery         3009-DGX* Bonded         8235         2346         2349         1378         4378         4378         4378         4379		uger	300 gr. DGS®	8232	2660	2344						2110	1572	1174	-1.5	0	-4.9	-18.1	-42.3	-81.4
450-dool Nitro Express 3** 400 gr. DGS** 8242 8256 8245	DG 375 R	nger	300 gr. DGX® Bonded	82336	2660	2344						2110	1572	1174	-1.5	0	-4.9	-18.1	-42.3	-81.4
450 Molity Express 3**         400 g. DGX* Bonded         823.32         1820		000 Nitro Express 3"	400 gr. DGS®	8242	2050	1820		1420	1	- 37.		1791	1	ı	-0.9	0	-9.7	-32.8	ı	I
405 Winth         300g. Inherlock* SP         8241         2206         1672         173	DG 450-4	000 Nitro Express 3"	400 gr. DGX® Bonded	82432	2050	1820		1420		- 37.		1791	I	I	-0.9	0	-9.7	-32.8	I	ı
40 Beyon         400 gr. DGS*         8266.6         240         142         167         6.1         6.15	C 405 M	Vin	300 gr. InterLock® SP	8241	2200	1890		1371		- 32.		1252	I	I	-1.5	0	-8.3	-30.2	ı	I
416 Rugert         400 gr. DGX* Bonded         82657         2400         147         167         511         4075         3208         2500	DG 416 Rt	uger	400 gr. DGS®	82666	2400	2142		. 8/91		- 51		2500	I	I	-1.5	0	-6.1	-21.9	I	ı
416 Rem Mag         400 gr. DGS*         4200         2142         901         1678         —         5115         4075         3208         5500         —         -1.5         0         -61           416 Rem Mag         400 gr. DGX* Bonded         8267         2400         2142         1971         1678         —         5118         4075         3208         2500         —         -1.5         918         410         410         410         3256         2540         —         -1.5         110         4	1	uger	400 gr. DGX® Bonded	82667	2400	2142		- 8/91	1	- 51		2500	I	I	-1.5	0	-6.1	-21.9	I	I
416 Rem Mag         400 gr. DGX* Bonded         826/2         2410         2142         1971         1678         —         5118         4075         3208         5500         —         —         —         5118         4075         3256         5540         —         —         5118         4130         3256         5540         —         —         5180         4130         3256         5540         —         —         5180         4130         3256         5540         —         —         5180         4130         3256         5540         —         —         5180         4130         3256         2540         —         —         5180         4130         3256         2540         —         —         5180         4130         3256         2540         —         —         5180         4130         3256         2540         —         —         5180         4130         3256         2540         —         —         —         5180         4130         3256         2540         —         —         —         5180         4130         3256         2540         —         —         —         5180         426         2540         —         —         —		em Mag	400 gr. DGS®	82674	2400	2142		. 8/91		- 51		2500	Ι	I	-1.5	0	-6.1	-21.9	1	ı
416 Righty         400 gr. DGS**         2456         2456         415		em Mag	400 gr. DGX® Bonded	82672	2400	2142		- 8291		- 51		2500	I	ı	-1.5	0	-6.1	-21.9	ı	I
416 Righy         400 gr. DGX** Bonded         8264         2415         145         164         468         4130         3256         2540         —         -1.5         0         -6.0           404 Jeffery         400 gr. DGX** Bonded         8239         2306         1613         1611         —         4688         3743         2950         2306         —         -1.5         0         -6.8           404 Jeffery         400 gr. DGX** Bonded         8234         230         2053         1823         1611         —         4688         3743         2950         2306         —         -1.5         0         -6.8           444 Marlin         265 gr. FTX**         82244         2305         1742         1361         126         —         4688         3743         2780         279         —         -1.5         3         0         -6.8           444 Marlin         265 gr. FTX**         82245         1742         1364         1103         —         4689         2794         1506         97         -1.5         3         0         -6.8           450 Bushmaster         250 gr. FTX** (20° Bb)         82245         220         1742         175         125         —		igby	400 gr. DGS®	8265	2415	2156		1691	1	- 518		2540	I	I	-1.5	0	-6.0	-21.6	ı	ı
404 Jeffety         400 g. DGS* Body         8239         2306         2053         1611         -         -         4688         3743         2750         2750         2750         4688         3743         2750         2750         -         4688         3743         2750         -		igby	400 gr. DGX® Bonded	82661	2415	2156		. 1691	1	- 518		2540	1	ı	-1.5	0	-6.0	-21.6	ı	ı
444 Martin         265 gir FTX** Solution Follows* Bonded         82381         2950         1651         1654         1381		effery	400 gr. DGS®	8239	2300	2053		1611		- 46		2306	I	I	-1.5	0	-6.8	-24.1	1	ı
444 Marlin         265 gr. FTX**         82744         2325         1971         1654         1381          386         1606         1703         1706         1707 <th>DG 404 Jr</th> <th>effery</th> <th>400 gr. DGX® Bonded</th> <th>82381</th> <th>2300</th> <th>2053</th> <th></th> <th>1611</th> <th>1</th> <th>- 46</th> <th></th> <th>2306</th> <th>I</th> <th>I</th> <th>-1.5</th> <th>0</th> <th>-6.8</th> <th>-24.1</th> <th>Ι</th> <th>I</th>	DG 404 Jr	effery	400 gr. DGX® Bonded	82381	2300	2053		1611	1	- 46		2306	I	I	-1.5	0	-6.8	-24.1	Ι	I
444 Marlin         265 gr. InterLock® FP         82445         240         1774         1601         1295         —         3389         2294         1508         987         —	_	<b>Narlin</b>	265 gr. FTX®	82744	2325	1971		1381		- 31k		1123	I	I	-1.5	3.8	0	-16.6	I	I
450 Bushmaster         245 gr. Interlock**         82242         2200         1742         1364         1103         —         2633         1651         1012         662         —         —         -1.5         5.1         0           450 Bushmaster         250 gr. FTX* (20" Bb)         82246         2200         1835         1515         1255         —         2687         1868         1274         874         —         -2.4         4.1         0           450 Bushmaster         250 gr. FTX* (20" Bb)         82246         2200         1835         1515         1255         —         2687         1868         1274         874         —         -2.4         4.1         0		farlin (arlin	265 gr. InterLock® FP	82453	2400	1974		1295		- 33		486	ı	ı	-1.5	3.8	0	-17.5	ı	I
450 Bushmaster         250 gr. FTX* (20° Bb)         82244         2200         1835         1515         -         2687         1868         1274         874         -	_	ushmaster	245 gr. InterLock®	82242	2200	1742		1103		- 26.		662	Ι	I	-1.5	5.1	0	-24.0	1	ı
<b>450 Bushmaster 250 gr. FTX®</b> (20" Bb) 82246 2200 1835 1515 − − 2.687 1868 1774 874 − − -2.4 4.1 0	C 450B	ushmaster	250 gr. FTX® (20" Bb/)	82244	2200	1835		1255	1	- 26		874	I	I	-2.4	4.1	0	-19.3	I	I
		ushmaster	250 gr. FTX® (20" Bbl)	82246	2200	1835		1255		- 26		874	I	Ι	-2.4	4.1	0	-19.3	ı	ı

Trajectory Tables (inches)	100 yd 200 yd 300 yd 400 yd 500 yd	-110.8 —	-27.2	-23.0 —	-107.8 —	-18.1	-29.9 —	-29.9 —	-29.8 —	-29.8 —	-25.1 —	-25.1 —	-30.8 —	-30.8	-31.6 —	-31.6 —	-6.4 -18.2			<b>Trajectory Tables</b> (inches)	00 yd 200 yd 300 yd 400 yd 500 yd MUZ 100 yd 200 yd 300 yd 400 yd 500 yd MUZ 100 yd 200 yd 300 yd 400 yd 500 yd
tory Tabl	30 yd 30	-34.9	0	0	-33.8	0	-8.4	-8.4	-8.4	-8.4	-7.0	-7.0	-8.9	-8.9	-9.2	-9.2	0			rajectory	/d 200 ye
Trajed	100 yd 2	0	6.1	5.5	0	4.2	0	0	0	0	0	0	0	0	0	0	1.4			-	JZ 100
	MUZ	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-0.9	-0.9	-0.9	-0.9	-1.8				0 yd Mi
	500 yd	1	I	I	1	I	I	I	I	I	I	1	I	I	I	I	9538				00 yd 50
	d 400 yc	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	10196			ft/1b)	00 yd 40
Energy (ft//b)	d 300 yr	0/9	634	1035	704	1280	2144	2144	2276	2276	2671	2671	2267	2267	2542	2542	10889			Energy (ft//b)	200 yd 3
Ene	100 yd 200 yd 300 yd 400 yd 500 yd	744	9 917	9 1441	787	0 1816	9 2850	9 2850	4 2996	4 2996	9 3509	9 3509	5 2998	5 2998	6 3346	6 3346	36 11619				100 yd 2
		7 837	2276 1449	2886 2049	52 895	72 2570	27 3769	27 3769	3924	3924	5873 4569	73 4569	32 3945	32 3945	5688 4386	5688 4386	13196 12386				MUZ
	0 yd MUZ	_ %2	_ 22	- 28	- 1052	- 3572	- 4927	4927	- 5084	- 5084	- 58	- 5873	- 5132	- 5132	- 56	- 56	2393 131				500 yd
	200 yd 300 yd 400 yd 500 yd	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2474 2				d 400 yd
(fps)	300 yd 40	874	1068	1197	879	1332	1418	1418	1432	1432	1551	1551	1429	1429	1417	1417	2557			Velocity (fps)	/d 300 y
Velocity (fps)	200 yd 3	921	1285	1413	930	1587	1635	1635	1643	1643	1778	1778	1643	1643	1626	1626	2641			Vel	yd 200
	100 yd	776	1616	1685	992	1887	1881	1881	1880	1880	2029	2029	1885	1885	1862	1862	7272				~
	MUZ	1050	2025	2000	1075	2225	2150	2150	2140	2140	2300	2300	2150	2150	2120	2120	2815				ITEM # MUZ
	ITEM #	82247	82741	82747	82742	82750	8256	8257	8585	85834	8262	82614	8264	82631	8269	82689	8270				Ē
Ammo Description	BULLET	395 gr. SUB-X® (20 " Bbl)	250 gr. MonoFlex®	325 gr. FTX®	410 gr. SUB-X®	325 gr. FTX®	480 gr. DGS®	480 gr. DGX® Bonded	500 gr. DGS® SPF	500 gr. DGX® Bonded SPF	500 gr. DGS®	500 gr. DGX® Bonded	500 gr. DGS®	500 gr. DGX® Bonded	570 gr. DGS®	570 gr. DGX® Bonded	750 gr. A-MAX® (36" Bbl)	ess otherwise noted.	dge Ballistics	Ammo Description	BULLET
Am	CARTRIDGE	JB 450 Bushmaster	EV 45-70 Govt	3V 45-70 Govt	JB 45-70 Govt	LEV 450 Marlin	DG 450 Nitro Express 31/4"	G 450 Nitro Express 31/4"	DG 458 Win Mag	G 458 Win Mag	G 458 Lott	G 458 Lott	DG 470 Nitro Express	G 470 Nitro Express	G 500 Nitro Express 3"	G 500 Nitro Express 3"	M 50 BMG	All data from a 24" Bbl, unless otherwise noted.	Frontier® Cartridge Ballistics		CARTRIDGE
	CARTE	<b>SUB</b> 450	LEV 45-7	LEV 45-7	SUB 45-7	LEV 450	DG 450	DG 450	DG 458	DG 458	DG 458	DG 458	DG 470	DG 470	DG 200	8	Σ	338-3220	horn	ady.c	

	:					, ,													-	
	Ammo Description				Velocity (tps)	<b>y</b> (tps)					Energy (#V/Ib)	(tt/lb)				Irajec	Irajectory lables (inches)	es (inche	s)	
CARTRIDGE	BULLET	ITEM #	MUZ	100 yd	200 yd	ITEM # MUZ 100 yd 200 yd 300 yd 400 yd 500 yd MUZ	100 yd	500 yd		00 yd 2	200 yd 3	800 yd 4	100 yd 200 yd 300 yd 400 yd 500 yd		MUZ 1	00 yd 2	100 yd 200 yd 300 yd 400 yd 500 yd	30 yd 4	30 yd 50	D0 yd
223 Rem	55 gr. FMJ (24" Bbl)	FR100	3240	2837	2468	2128	1817	1540	1282	983	744	553	403	290	-1.5	1.4	0	-7.2	-22.1	-47.7
223 Rem	55 gr. Spire Point (24" Bbl)	FR120	3240	2824	2444	2002	1777	1497	1282	974	730	536	386	274	-1.5	1.5	0	-7.3	-22.6	-49.1
223 Rem	55 gr. Hollow Point Match (24" Bbl)	FR140	3240	2853	2499	2171	1869	1597	1282	994	763	276	427	311	-1.5	1.4	0	-7.0	-21.5	-46.0
223 Rem	<b>68 gr. BTHP Match</b> (24" Bb/)	FR160	2960	2697	2449	2215	1993	1786	1323	1098	906	741	009	482	-1.5	1.7	0	-7.5	-22.0	-45.4
6.5 Grendel	123 gr. FMJ	FR700	See horna	dy.com for I.	See hornady.com for latest information	ation														
5.56 NATO	55 gr. FMJ (M193) (20" Bbl)	FR200	3240	2837	2468	2128	1817	1540	1282	983	744	553	403	290	-1.5	1.4	0	-7.2	-22.1	-47.7
5.56 NATO	55 gr. Hollow Point Match (20" Bbl)	FR240	3240	2853	2499	2171	1869	1597	1282	994	763	276	427	311	-1.5	1.4	0	-7.0	-21.5	-46.0
5.56 NATO	62 gr. FMJ (20" Bb/)	FR260	3060	2715	2395	2097	1822	1574	1289	1015	230	909	457	341	-1.5	9.1	0	-7.7	-23.4	-49.6
5.56 NATO	<b>62 gr. Spire Point</b> (20" Bb/)	FR280	3060	2702	2372	2065	1783	1531	1289	1005	774	287	438	323	-1.5	1.7	0	-7.9	-23.9	-51.1
5.56 NATO	<b>62 gr. BTHP Match</b> (20" Bbl)	FR300	3060	2763	2485	2223	1978	1750	1289	1051	820	089	238	421	-1.5	1.5	0	-7.2	-21.5	-44.7
5.56 NATO	<b>68 gr. BTHP Match</b> (20" Bbl)	FR310	2960	2697	2449	2215	1993	1786	1323	1098	906	741	009	482	-1.5	1.7	0	-7.5	-22.0	-45.4
5.56 NATO	75 gr. BTHP Match (20" Bb/)	FR320	2860	2603	2360	2130	1914	1712	1362	1128	928	756	910	488	-1.5	1.8	0	-8.1	-23.9	-49.2
300 Blackout	125 gr. FMJ (16" Bbl)	FR400	2175	1867	1591	1354	1169	1044	1313	896	703	200	379	302	-1.5	4.3	0	-18.1	-55.3	-118

# **Muzzleloader Projectile Ballistics**

Muzzleloader Ammo Description	ription				Velocity (fps)	y (fps)					Energy (ft//lb)	(ft/lb)				Trajec	<b>Trajectory Tables</b> (inches)	oles (inch	(sə	
DESCRIPTION	BULLET WT.	ITEM # MUZ 50 yd	MUZ	50 yd	100 yd	100 yd 150 yd 200 yd 250 yd MUZ	30 yd 2	50 yd		50 yd 100 yd 150 yd 200 yd 250 yd MUZ	b6 00	150 yd 3	; Pk 00	250 yd		50 yd 100 yd 150 yd 200 yd 250 yd	, by 001	150 yd	200 yd	250 yd
45 Cal. SST®-ML" Low Drag Sabot	200 gr.	67132	2325	2171	2022	1880	1744	1616	2400	2092	1815	1569	1351	1160	-1.5	2.0	3.0	2.0	-1.0	-7.1
50 Cal. SST®-ML" Lock-N-Load® Speed Sabot®	250 gr.	67270	2250	2031	1852	1684	1529	1389	2735	2290	1904	1574	1297	1070	-1.5	1.8	3.0	1.7	-2.7	-11.0
50 Cal. SST®-ML" Low Drag Sabot	250 gr.	67273	2250	2031	1852	1684	1529	1389	2735	2290	1904	1574	1297	1070	-1.5	1.8	3.0	1.7	-2.7	-11.0
50 Cal. MonoFlex® Lock-N-Load® Speed Sabot®	250 gr.	67269	2250	2031	1852	1684	1529	1389	2735	2290	1904	1574	1297	1070	-1.5	1.8	3.0	1.7	-2.7	-11.0
50 Cal. MonoFlex® High Speed Low Drag Sabot	250 gr.	67274	2250	2031	1852	1684	1529	1389	2735	2290	1904	1574	1297	1070	-1.5	1.8	3.0	1.7	-2.7	-11.0
50 Cal. Bore Driver" FTX®	290 gr.	67713	See	ornady.con	See hornady.com for latest information	formation														
50 Cal. Bore Driver" ELD-X®	340 gr.	67714	See	ornady.con	See hornady.com for latest information	nformation														
50 Cal. SST®-ML" Lock-N-Load® Speed Sabot®	300 gr.	67271	2130	1974	1826	1686	1554	1433	3022	2597	2221	1893	1609	1368	-1.5	1.9	3.0	1.6	-2.9	-11.1
50 Cal. SST®-ML" Low Drag Sabot	300 gr.	67263	2130	1974	1826	1686	1554	1433	3022	2597	2221	1893	1609	1368	-1.5	1.9	3.0	1.6	-2.9	-11.1

All data developed in a stock T/C Omega inline muzzleloader with 150 gr. charges except when noted. Zero your rifle 3" high at 100 yards for a 6" shooting window to 200 yards with 3 pellets or 150 gr. charges.

## Shotgun Slug Ballistics

Shotgun Slug Description	ption			>	Velocity (fps)	(5			Ē	Energy (ft//lb)			۴	rajectory Tables (inches)	, Tables	inches)	
AMMO DESCRIPTION	BULLET	ITEM # MUZ	MUZ	50 yd	100 yd	150 yd	200 yd	MUZ	50 yd	100 yd	150 yd	200 yd	MUZ	50 yd	100 yd	150 yd	200 yd
12 GA SST® Shotgun Slug 2¾"	300 gr. FTX®	8623	2000	1814	1641	1483	1342	2664	2192	1795	1465	1199	-1.5	1.9	2.6	0.0	-6.5
12 GA Superformance® Shotgun Slug 2¾"	300 gr. MonoFlex®	86236	1950	1742	1552	1383	1239	2533	2022	1605	1274	1022	-1.5	2.1	2.9	0.0	-7.4
12 GA Custom Lite® Shotgun Slug 2¾"	300 gr. FTX®	86230	1575	1423	1289	1178	1091	1652	1348	1107	924	793	-1.5	3.6	4.5	0.0	-10.7
12 GA American Whitetail® Shotgun Slug 2¾"	325 gr. InterLock®	86271	1825	1651	1491	1349	1227	2403	1966	1605	1313	1086	-1.5	6.0	0.0	4.8	-14.3
12 GA American Whitetail® Rifled Slug 2¾"	1 oz. Rifled Slug	86234	1600	1210	266	882	I	2484	1420	396	754	I	-0.5	2.8	0.0	-11.4	I
12 GA American Gunner® Reduced Recoil Rifled Slug 2¾" 1 oz. Rifled Slug	1 oz. Rifled Slug	86231	1300	1038	206	816	I	1640	1046	268	647	I	-1.5	0.0	-6.5	-23.6	I
20 GA SST® Shotgun Slug 2¾"	250 gr. FTX®	86232	1800	1628	1471	1331	1212	1798	1471	1201	983	815	-1.5	2.6	3.3	0.0	-8.2
20 GA Superformance® Shotgun Slug 2¾"	250 gr. MonoFlex®	86237	1800	1628	1471	1331	1212	1798	1471	1201	883	815	-1.5	2.6	3.3	0:0	-8.2
20 GA Custom Lite® Shotgun Slug 2%"	250 gr. FTX®	86233	1600	1452	1321	1208	1118	1421	1171	896	810	694	-1.5	3.4	4.2	0.0	-10.1

## Shotgun Ballistics

AMMO DESCRIPTION	SHOT SIZE	SHELL	ITEM #	ITEM # Velocity (fps)	AMMO DESCRIPTION	SHOT SIZE	LENGTH
				9			
12 GA Varmint Exprase® 23,"	#A Buck	23%"	842/13	1350	12 GA Hornady BLACK" 234"	00 Buck (8 Pellets)	23/4"
12 C) Valimin Lypics 2 7.4	400	4/7	00243	200		1	i
12 GA C ## 12 C 8 23."	(2) Selection (2) April a CO	73/"	07770	1400	12 GA Heavy Magnum® Coyote 3"	88	
77 OF CHACALOGUES 7.4	OO DOCK (O Letters)	2.74	00770	0001			
12 GA American Gupper® 23,"	OO Buck (8 Pallats)	73//"	N7C78	1350	12 GA Heavy Magnum® Coyote 3"	00 Buck	, 50
	O Dack (O Leileis)	4/7	17700	000	F		= 750
					410 Critical Detense® Irible Detense	FIX Slud & Z round balls	2//2

Velocity (fps)

ITEM # 86249 86222 86224

1600 1300 750

12 gauge shotgun ballistics are established with a 30" SAAMI standard test barrel. 20 gauge shotgun ballistics are established with a 26" SAAMI standard test barrel.

366 AP"	Bore Driver™ FTX®	Dangerous Game"	GMX®	InterBond <sup>®</sup>	Lock-N-Load®	Outfitter®	Speed Kills®
Accurate, Deadly,	Cam Lock™	DGS®	Great Plains®	InterLock®	Speed Sabot®	Positive Priming™	Speed Sabot®
Dependable <sup>®</sup>	Close Quarters™	DGX®	HAP®	Iron Press®	Low Drag™	System	SST®
A-MAX®	Cowboy™	ELD <sup>®</sup> Match	Heat Shield®	Key Lock™ Safe	Mach 2®	Powder Through™	SST® ML™
American Gunner®	Critical Defense®	ELD-X®	Heavy Magnum®	LEVERevolution®	Match™	Expanders	Steel Match®
American Whitetail®	Critical Duty®	FlexLock®	Hornady Action	Light Magnum <sup>®</sup>	Micro Just™	FFS	SUB-X®
AMP®	Custom Grade™	Flex Tip®	Pistol™ 7	rni® LNI®	MĽ™	Precision Hunter	Super Explosive
AP™	Custom"	FPB®	Hornady BLACK®	®l-N-I®	MonoFlex®	FIX"	Superformance <sup>®</sup>
A-Tip™	A-Tip" Custom" International Frontier® Hornady®	Frontier®	Hornady®	L-N-L® Speed Sabot®	New Dimension™	Rapid® Sate	Superformance®
Auto Charge®	Custom Lite®	FTX®	Hornady Security®	Lock-N-Load®	NTX®	Kapid Kack	International
Barrier™	CX <sup>74</sup>	Full Boar®	Hot Tub®	Lock-N-Load® Classic™	One Shot®	Reduced Recoil	Super Shock Tip

Varmint Express®
Varmint™
Versatite®
V-MAX®
VX™
XTP®
XTP®
XTP®
XTP®
Zip Spindle™
Zip Spindle™
Zombie Max®

Sure-Loc<sup>™</sup> SX®

TAP® FPD"
TAP® FPD"
Team Hornady®
TriPoint"
Triple Defense®
Ultra-Low Dragi"
Unique"
Universal Bullet
Feeder"

81/2"

500 gr. FP-XTP®

C 500 S&W Mag

135 gr. MonoFlex®

**%** 

125 gr. XTP®

130 gr. MonoFlex®

357 Magnum DUTY 357 Magnum

357 Magnum AG 357 Magnum 135 gr. FlexLock®

140 gr. FTX®

357 Magnum 357 Magnum

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158 gr. XTP® 95 gr. FTX®

9 x 18mm Makarov

40 S&W

## Handgun Ammunition Product Lines:

AG American Gunner"

Critical Defense®

CDL Critical Defense® Lite

DUTY Critical Duty®

50 yd 100 yc

MUZ

50 yd 100 yd

ITEM #

BULLET

CARTRIDGE

83200 17/8V"

45 gr. FTX®

22 WMR 25 Auto

Energy (ft//b)

Velocity (fps)

Ammo Description

Handgun Ballistics

 35 gr. XTP®

25 Auto

35 gr. FTX®

60 gr. FTX® 60 gr. XTP®

80 gr. FTX®

32 H&R Mag

32 Auto 32 Auto

90000 See hornady.com for latest information See hornady.com for latest information

100 gr. FTX®

80 gr. FTX® 90 gr. XTP®

327 Federal Mag 30 Super Carry

380 Auto 380 Auto

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主	
Custom"	
U	

HH Handgun Hunter"

LEVERevolution	
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LEVERevolution <sup>®</sup>	
ΙĒΛ	

SUB Subsonic

	Am	Ammo Description			Ve	Velocity (fps)	(sd	Ene	Energy (ft/lb)	(91/
SA	CARTRIDGE	BULLET	ITEM #	BARREL LENGTH	MUZ	50 yd	100 yd	MUZ	50 yd	100 yd
U	40 S&W	155 gr. XTP®	9132	4"	1180	1060	876	479	387	329
CD	40 S&W	165 gr. FTX®	91340	#4	1045	971	914	400	345	306
PUTY	40 S&W	175 gr. FlexLock®	91376	4"	1010	948	899	3%	350	314
AG	40 S&W	180 gr. XTP®	91364	4"	950	903	862	361	326	297
SUB	40 S&W	180 gr. XTP®	91369	4"	950	903	862	361	326	297
표	10mm Auto	135 gr. MonoFlex®	91267	2"	1315	1108	985	518	368	291
AG	10mm Auto	155 gr. XTP®	91224	See hornady.com for latest information	y.com for	latest info	rmation			
U	10mm Auto	155 gr. XTP®	9122	2"	1410	1224	1090	684	516	409
PUTY	10mm Auto	175 gr. FlexLock®	91256	5"	1160	1061	066	523	437	381
U	10mm Auto	180 gr. XTP®	9126		1275	1146	1052	920	525	443
E	41 Rem Mag	190 gr. FTX®	9078	10"	1620	1432	1272	1107	865	682
U	41 Rem Mag	210 gr. XTP®	2406	10"	1545	1383	1244	1113	892	722
U	44-40 Winchester	205 gr. Cowboy"	9075	7½" V	725	689	929	239	216	195
8	44 Special	165 gr. FTX®	90700	2½" V	006	847	802	297	263	235
U	44 Rem Mag	200 gr. XTP®	9080	7½" V	1500	1332	1194	666	788	633
표	44 Rem Mag	200 gr. MonoFlex®	9083	71/2" V	1475	1310	1176	9%	762	614
LEV	44 Rem Mag	225 gr. FTX®	92782	7½" V	1410	1233	1102	993	760	209
U	44 Rem Mag	240 gr. XTP®	9085	71/2" V	1350	1230	1133	176	908	684
U	44 Rem Mag	300 gr. XTP®	8806	71/2" V	1150	1083	1030	881	781	902
표	45 Auto +P	160 gr. MonoFlex®	90933	See hornady.com for latest information	y.com for	latest info	rmation			
AG	45 Auto	185 gr. XTP®	90904	5"	970	911	862	386	341	305
CD	45 Auto	185 gr. FTX®	00606	3,	006	853	811	333	299	270
U	45 Auto	200 gr. XTP®	9112	5"	006	856	817	360	325	2%
PUTY	45 Auto +P	220 gr. FlexLock®	90926		975	927	887	464	420	384
U	45 Auto +P	230 gr. XTP®	9606	5"	950	806	871	461	421	388
SUB	45 Auto	230 gr. XTP®	12606	2	925	988	852	437	401	382
CD	45 Colt	185 gr. FTX®	92790	3".	920	870	826	348	311	280
LEV	45 Colt	225 gr. FTX®	92792	4¾" V	0%	903	855	460	407	366
U	45 Colt	255 gr. Cowboy"	9115	4¾" V	725	289	651	298	267	240
푶	454 Casull	200 gr. MonoFlex®	9151	71/2" V	1950	1731	1533	1689	1331	1044
U	454 Casull	240 gr. XTP® Mag	9148	71/2" V	1900	1678	1478	1924	1500	1164
U	454 Casull	300 gr. XTP® Mag	9150	71/2" V	1650	1490	1348	1813	1480	1210
U	460 S&W Mag	200 gr. FTX®	9152	83/8"	2200	1948	1715	2149	1673	1288
표	460 S&W Mag	200 gr. MonoFlex®	9153	83/8"	2150	1917	1701	2053	1632	1286
U	480 Ruger	325 gr. XTP® Mag	9138	71/2"	1350	1191	1077	1315	1024	837
U	50 AE	300 gr. XTP®	9245	9	1475	1251	1092	1449	1043	795
U	500 S&W Mag	300 gr. FTX®	9249	81/2"	1950	1653	1396	2533	1819	1298

115 gr. MonoFlex®

9mm Luger +P 9mm Luger +P 9mm Luger +P

9mm Luger

115 gr. FTX®

124 gr. FlexLock®

40 gr. V-MAX®

40 gr. FTX®

5.7x28mm 5.7x28mm

90 gr. FTX®

100 gr. FTX®

9mm Luger

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9mm Luger

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115 gr. XTP®

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135 gr. FlexLock® 135 gr. FlexLock®

124 gr. XTP®

9mm Luger

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9mm Luger

124 gr. XTP®

147 gr. XTP®

147 gr. XTP®

147 gr. XTP®

9mm Luger +P

9mm Luger

9mm Luger

357 Sig 357 Sig

135 gr. FlexLock®

4" \ <u>"</u>4 4" > 4" \ **%** 

110 gr. FTX® 125 gr. XTP® 158 gr. XTP® 125 gr. FTX®

38 Special +P

38 Special

AG.

38 Special

110 gr. FTX®

90 gr. FTX®

38 Special 38 Special 

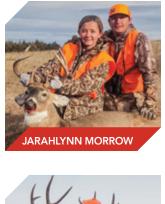




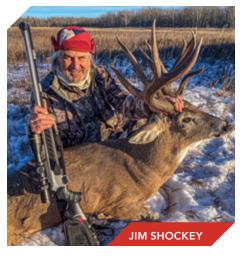


































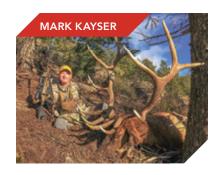
**CONRAD MORRIS** 





























































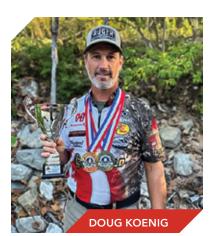


















JACOB MORROW

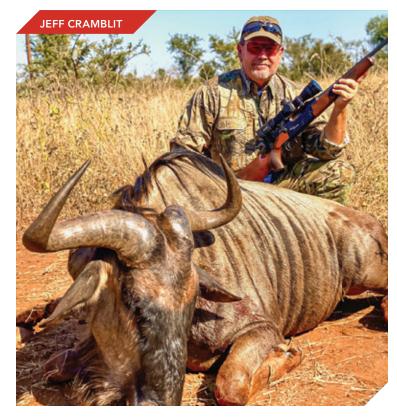








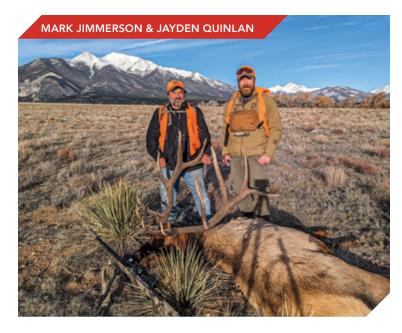




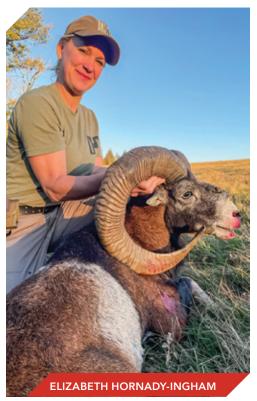




































JOSEPH VON BENEDIKT





















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