



Hornady®

2015 PRODUCT CATALOG

BULLETS | AMMUNITION | RELOADING | SECURITY

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A message from Steve and Jason Hornady:

Hornady is built on 65 years of family values, American work ethic and ingenuity. We take pride in creating industry leading products because we're passionate about hunting and shooting sports. That passion keeps us focused, and drives us to look beyond accepted practices to achieve truly accurate, deadly, and dependable products.

Hunting and shooting sports are grounded in our American tradition, handed down from generation to generation. It's where experiences are born and memories are created and shared for years to come. As a family-owned business, Hornady understands.

Tour the Hornady plant and you'll find hundreds of hard working team members who understand tradition, because the vast majority of us are hunters and shooters, too. We know every product we design and build has our reputation riding on it and we do our best to provide the best. Our customers and friends who use our products know we never compromise our strict specifications.

Some of our most successful products were born from customer requests and suggestions, so we take an active interest in what the people who buy our products have to say. Customer input drives our engineers to design products that keep you happy in the field, at the firing line, or on your bench. Our never-settle attitude keeps us searching for the best components to bring them to life.

We're especially pleased to show you the new things we have to offer in 2015 and announce the return of some temporarily suspended items, because they're the products of the tradition that is the heart of Hornady.



Jason Hornady

Steve Hornady

NEW!

Product Highlights.....



View our new product videos at hornady.com



AMERICAN GUNNER

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HORNADY® RIMFIRE
17WSM 20 GR. V-MAX®
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AMERICAN WHITETAIL®
12 GA. RIFLED SLUG
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CRITICAL DUTY®
357 MAG 135 GR. FLEXLOCK®
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CRITICAL DEFENSE® LIFE
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**LOCK-N-LOAD®
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**LOCK-N-LOAD®
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**NECK
TURNING
TOOL**
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Hornady SECURITY™

RAPID® SAFE
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SHACKLE™ BOX
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TRIPPOINT® LOCK BOX
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1-800-338-3220 | hornady.com



Ammunition



A load of work and innovation goes into Hornady® ammunition, because every shooter deserves the hunt of a lifetime.

Before it leaves the factory, Hornady® ammunition is designed, tested, and scrutinized to ensure it will perform flawlessly in every environment. It's an exhausting process born from an idea that every shooter should have the best chance for success. When you pick up a box of Hornady® ammunition, you are holding the best bullets, exceptional brass, and the brainchild of a company full of discerning designers, ballisticians, technicians, and press operators. When you submit notes and photos of your shooting experiences, it makes a direct, positive impact upon the people who make Hornady® products. So please keep them coming.

..... *Accurate. Deadly. Dependable.®*





Full Boar™



NEW!



To learn more, scan the QR code. Search your phone's app store for a QR code reader.

Boars BEWARE!

Whether in the swamps or running the hills, the toughest game requires the toughest ammunition - Full Boar™ ammunition from Hornady®!

Full Boar™ ammunition features hard-hitting GMX® bullets for deep penetration and maximum weight retention. These monolithic copper-alloy bullets deliver 95+% weight retention and uniform, controlled expansion for unmatched terminal performance on the toughest game. The GMX® is California compatible and appropriate for other areas that require the use of non-traditional bullets.

Loaded with premium components, Full Boar™ ammunition is available in a variety of popular calibers and is designed to work flawlessly in all guns, including ARs and other semi-autos.



*Full Boar ammunition is my choice for the toughest hogs on the planet!
Deep penetrating GMX bullets expand uniformly and give me the
performance I trust, no matter what the situation.*

- Brian "Pigman" Quaca

1. PROVEN GMX® BULLETS

Copper alloy bullets deliver uniform, controlled expansion and 95+% weight retention.

2. POWDER

Propellants are matched to each load to ensure optimal pressure, velocity, volume and consistency from lot to lot.

3. CASE AND PRIMER

Like all Hornady® ammunition, our Full Boar™ rounds use the highest quality cases and primers available. Consistent components translate to consistent shooting in the field.

FULL BOAR™

NEW!



- Featuring hard hitting Hornady® GMX® bullets for deep penetration and maximum weight retention
- Monolithic, copper alloy bullets, won't separate and deliver 95+% weight retention
- Excellent fit, feed and function in ARs and other semi-autos
- California compatible and appropriate for use in other areas requiring the use of non-traditional bullets
- Available in popular hunting calibers from 223 – 300 Win Mag

Full Boar® Rifle Ammunition

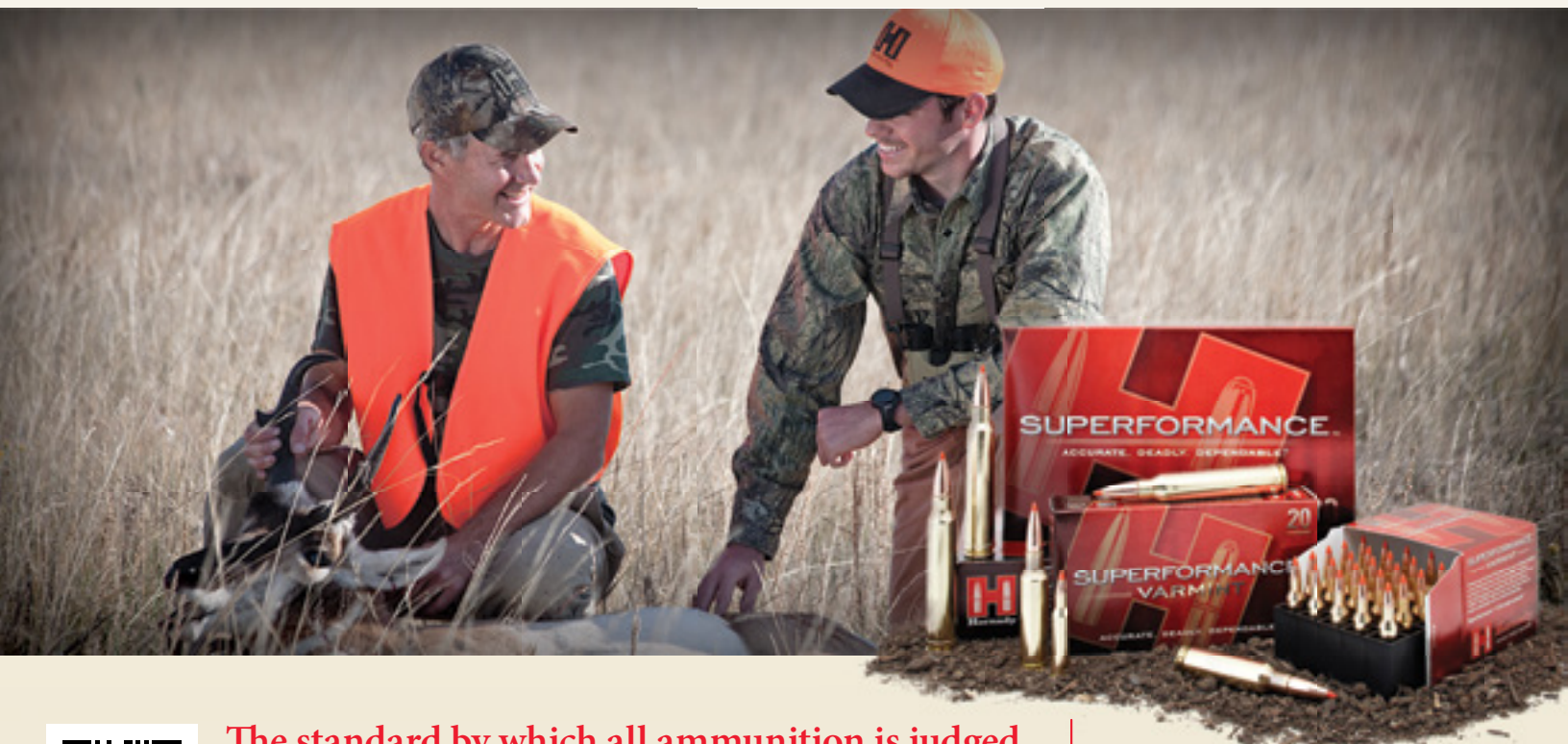
CARTRIDGE		BULLET	ITEM	COUNT
223 Rem	NEW!	50 gr. GMX®	83291	20
243 Win	NEW!	80 gr. GMX®	80454	20
6.8 SPC	NEW!	100 gr. GMX®	8348	20
270 Win	NEW!	130 gr. GMX®	80527	20
7MM Rem Mag	NEW!	139 gr. GMX®	80597	20
308 Win	NEW!	165 gr. GMX®	80987	20
30-06 Springfield	NEW!	165 gr. GMX®	81163	20
300 Win Mag	NEW!	165 gr. GMX®	82023	20

See Center Spread for Ballistics Information





Superformance® It IS....rocket science!®



To learn more, scan the QR code. Search your phone's app store for a QR code reader.

The standard by which all ammunition is judged.

High velocities without higher pressure within SAAMI spec. Increase your rifle's performance up to 200 fps without extra chamber pressure, recoil, muzzle blast, temperature sensitivity, fouling, or loss of accuracy. Superformance® uses progressive propellants that take your favorite V-MAX®, NTX®, SST®, GMX®, and InterBond® bullets to levels of performance that are simply unattainable with conventional ammunition.

IT IS FAST: 100 to 200 fps faster than conventional ammunition.

IT IS ACCURATE: Uncompromising accuracy without increased felt recoil.

IT IS CONSISTENT: Unfailing performance across a broad range of temperatures.

IT IS VERSATILE: This new breed of ammunition is available in 17 Hornet to 444 Marlin, and is safe for use in all firearm types including semi-autos, lever guns and pump actions.

VELOCITY COMPARISONS: Hornady® Superformance® vs. the competition

270 Winchester		30-06 Springfield		300 Win Mag	
Hornady SPF® 130 gr. GMX®	3190 fps	Hornady SPF® 165 gr. GMX®	2940 fps	Hornady SPF® 180 gr. SST®	3130 fps
REM 130 gr. Core Lokt	3007 fps	REM 165 gr. Accu Tip	2800 fps	FED 180 gr. Hot Core	3001 fps
WIN 130 gr. SP	3030 fps	WIN 165 gr. Fail Safe	2788 fps	WIN 180 gr. Power Pt.	2934 fps
FED 130 gr. Triple Shok	3068 fps	FED 165 gr. Triple Shok	2780 fps		

*Superformance®

V-Max®



NTX®



SST®



GMX®



InterBond®



1. PROVEN HORNADY® BULLETS

Superformance® ammunition is loaded with Hornady® GMX®, SST® and InterBond® bullets for the ultimate in performance, no matter what the game.

2. PROGRESSIVE HORNADY® POWDERS

Superformance® Propellants are the heart of Superformance® ammunition and usher in a new era of performance.

3. CASE AND PRIMER

Like all Hornady® ammunition, our Superformance® rounds use the highest quality cases and primers available. Consistent components translate to consistent shooting in the field.

Superformance® It IS....rocket science!



Superformance® Rifle Ammunition

Supercharge your rifle's performance by up to 200 feet per second!

Superformance® ammunition is faster than ANY conventional ammunition without increases in chamber pressure, felt recoil, muzzle blast, temperature sensitivity, fouling or loss of accuracy.

CARTRIDGE	BULLET	ITEM	COUNT
223 Rem	55 gr. GMX®	83274	20
5.56 NATO	55 gr. GMX®	81254	20
243 Win	80 gr. GMX®	80456	20
243 Win	95 gr. SST®	80463	20
6MM Rem	95 gr. SST®	81663	20
257 Roberts	117 gr. SST®	81353	20
25-06 Rem	90 gr. GMX®	81446	20
25-06 Rem	117 gr. SST®	81453	20
6.5X55	140 gr. SST®	85507	20
6.5 Creedmoor	120 gr. GMX®	81490	20
6.5 Creedmoor	129 gr. SST®	81496	20
6.5 Creedmoor	129 gr. InterBond®	81497	20
270 Win	130 gr. SST®	80543	20
270 Win	130 gr. GMX®	8052	20
270 Win	130 gr. InterBond®	80548	20
270 Win	140 gr. SST®	80563	20
7x57 Mauser	139 gr. SST®	81553	20
7x57 Mauser	139 gr. GMX®	81556	20
7MM-08 Rem	139 gr. SST®	80573	20
7MM-08 Rem	139 gr. GMX®	80576	20
280 Rem	139 gr. SST®	81583	20
280 Rem	139 gr. GMX®	81586	20
7MM Rem Mag	139 gr. SST®	80593	20
7MM Rem Mag	139 gr. GMX®	80592	20
7MM Rem Mag	154 gr. SST®	8061	20
7MM Rem Mag	154 gr. InterBond®	80628	20
7MM Rem Mag	162 gr. SST®	80633	20
300 Savage	150 gr. SST®	82221	20
308 Win	150 gr. SST®	80933	20
308 Win	150 gr. GMX®	8094	20
308 Win	150 gr. InterBond®	80938	20
308 Win	165 gr. SST®	80983	20
308 Win	165 gr. GMX®	8099	20
308 Win	165 gr. InterBond®	80998	20
30 T/C	150 gr. SST®	81004	20

CARTRIDGE	BULLET	ITEM	COUNT
30 T/C	150 gr. GMX®	81006	20
30 T/C	165 gr. SST®	81014	20
30-06 Springfield	150 gr. SST®	81093	20
30-06 Springfield	150 gr. GMX®	8112	20
30-06 Springfield	150 gr. InterBond®	81098	20
30-06 Springfield	165 gr. SST®	81153	20
30-06 Springfield	165 gr. GMX®	8116	20
30-06 Springfield	165 gr. InterBond®	81158	20
30-06 Springfield	180 gr. SST®	81183	20
30-06 Springfield	180 gr. InterBond®	81188	20
300 RCM	150 gr. SST®	82231	20
300 RCM	150 gr. GMX®	82230	20
300 RCM	165 gr. InterBond®	82227	20
300 RCM	165 gr. SST®	82232	20
300 RCM	165 gr. GMX®	82229	20
300 RCM	180 gr. SST®	82235	20
300 RCM	180 gr. InterBond®	82228	20
300 Win Mag	150 gr. GMX®	82012	20
300 Win Mag	165 gr. GMX®	82026	20
300 Win Mag	165 gr. InterBond®	82028	20
300 Win Mag	180 gr. SST®	82193	20
300 Win Mag	180 gr. InterBond®	82198	20
338 RCM	185 gr. GMX®	82238	20
338 RCM	200 gr. SST®	82237	20
338 RCM	225 gr. SST®	82236	20
338 RCM	225 gr. InterBond®	82138	20
338 Win Mag	185 gr. GMX®	82226	20
338 Win Mag	220 gr. SST®	82223	20
338 Win Mag	225 gr. SST®	82233	20
338 Win Mag	225 gr. InterBond®	82338	20
35 Whelen	200 gr. SP	81193	20
375 H&H	250 gr. GMX®	82311	20
375 Ruger	250 gr. GMX®	82310	20
444 Marlin	265 gr. InterLock® FP	82453	20

See Center Spread for Ballistics Information

Superformance® Varmint™

Superformance® Varmint™ ammunition delivers muzzle velocity increases of 100 to 200 fps from every gun. Accuracy, increased range, flatter trajectory, less wind drift, and devastating terminal results are realized with Superformance® Varmint™ ammunition. Featuring industry leading polymer tipped Hornady V-MAX® or NTX® bullets, Superformance® Varmint™ ammunition achieves match accuracy and rapid fragmentation and extends cartridge efficiency and performance.

Superformance® Buckshot

Specially loaded to ensure proper functioning in semi-auto and pump shotguns, Hornady® Superformance® 00 Buckshot provides consistent performance. Our Versatite® wad technology delivers tight patterns without modification to your gun.

CARTRIDGE	BULLET	ITEM	COUNT
17 Hornet	15.5 gr. NTX®	83004	25
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	NEW! 75 gr. V-MAX®	83433	20

See Center Spread for Ballistics Information

CARTRIDGE	WEIGHT	ITEM	COUNT
12 Gauge Superformance® 00 Buckshot 2¾"	8 Pellets	86246	10

See Center Spread for Ballistics Information



American Whitetail® *Make it a knock-down, drag-out hunt.®*



To learn more, scan the QR code. Search your phone's app store for a QR code reader.

An American Classic

Opening day of deer season comes only once a year. Make sure you're ready when the big one steps out and load-up with Hornady® American Whitetail® ammunition.

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 and the technology you need to take the buck of a lifetime!

Hornady® American Whitetail® ammunition – proudly made in the USA!



InterLock®



Rifle Ammunition

CARTRIDGE	BULLET	ITEM	COUNT
243 Win	100 gr. InterLock® BTSP	8047	20
25-06 Rem	117 gr. InterLock® BTSP	8144	20
270 Win	130 gr. InterLock® SP	8053	20
7MM-08 Rem	139 gr. InterLock® SP	8057	20
7MM Rem Mag	139 gr. InterLock® SP	80591	20

CARTRIDGE	BULLET	ITEM	COUNT
30-30 Win	150 gr. InterLock® FP	80801	20
308 Win	150 gr. InterLock® SP	8090	20
30-06 Springfield	150 gr. InterLock® SP	8108	20
300 Win Mag	150 gr. InterLock® SP	8204	20

See Center Spread for Ballistics Information

1. INTERLOCK® BULLETS

Delivering flat trajectories, these classic, traditional bullets feature exposed lead tips for hard-hitting performance to put game down with minimal tracking.

2. POWDER

Powder is matched to each load for optimum pressure, velocity and consistency.

3. CASE AND PRIMER

Like all Hornady® ammunition, our American Whitetail® rounds use the highest quality cases and primers available. Consistent components translate to consistent shooting in the field.

American Whitetail® *Make it a knock-down, drag-out hunt.**



Saboted Slug for 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	COUNT
12 GA Slug	325 gr. InterLock® HP	86271	5

Reference Center Spread for Ballistics Information

**FOR RIFLED
BARRELS ONLY**

Saboted InterLock®

InterLock® bullet with hollow point, serrated design and tough lead alloy core delivers maximum expansion and high weight retention.



Rifled Slug for Smooth Bore Barrels

The American Whitetail® 12 gauge Rifled Slug turns your smooth bore shotgun into a deer hunting machine!

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.

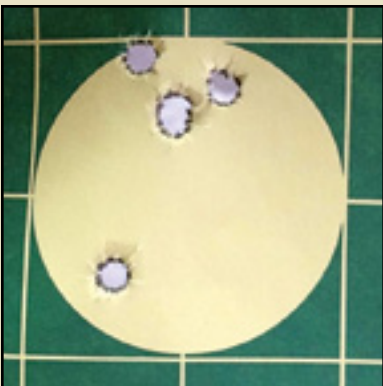
CARTRIDGE	BULLET	ITEM	COUNT
12 GA Rifled Slug	1 oz. Rifled Slug	86234	5

Reference Center Spread for Ballistics Information

**FOR SMOOTH
BORE BARRELS**

1 oz. Rifled Slug

Optimized for performance in smooth bore shotguns, the lead alloy projectile expands to rapidly transfer energy upon impact.



Daniel Pagel

Daniel wrote us and said he typically shoots standard off-the-shelf deer ammo, nothing super accurate, and not a high quality bullet. Then he tried American Whitetail ammo, which he says, “turned my 7mm-08 rifle sub-1 MOA without really trying.” In addition, he bought a well worn Ruger M77, and was told to expect 2 to 3-inch groups. He fired Hornady ammunition through it, and this is his 5-shot group. Daniel said he pushed the second shot, resulting in the low flyer, but it’s a remarkable group regardless. (The blocks are 1-inch squares.) He ended with, “Thanks, Hornady, for turning this old rifle into a shooter!”



Jason Teague

Jason took this nice Nebraska Whitetail during the 2013 deer season with American Whitetail ammo.



Custom Lite® *Keep recoil to a minimum.*



To learn more, scan the QR code. Search your phone's app store for a QR code reader.

Perfect for shooters looking to keep recoil to a minimum.

Hornady® Custom Lite® ammunition provides reduced recoil and muzzle blast from standard cartridges, and puts the fun back into shooting for kids, women, and every shooter looking to keep recoil to a minimum while still enjoying the use of their favorite rifle. Loaded with either the Hornady® SST® or InterLock® bullet, Custom Lite® ammunition is designed to deliver less felt recoil and a modified trajectory that still provides accurate, deadly, and dependable performance.

Sophia Mittelstaedt

Sophia, age 14, shot her first deer from about 125 yards—a button buck, using Custom Lite 308 Win ammo. All it took was one shot!



SST®



InterLock®

1. HORNADY® BULLETS

Deliver flat trajectories and hard hitting performance. Our bullets are the key to our performance.

2. POWDER

Powder is matched to each load for optimum pressure, velocity and consistency.

3. CASE AND PRIMER

Like all Hornady® ammunition, our Custom Lite® rounds use the highest quality cases and primers available. Consistent components translate to consistent shooting in the field.



Custom Lite® Keep recoil to a minimum.

Custom Lite® Rifle Ammunition

CARTRIDGE	BULLET	ITEM	COUNT
243 Win	87 gr. SST®	80466	20
270 Win	120 gr. SST®	80526	20
7MM-08 Rem	120 gr. SST®	80572	20
7MM Rem Mag	139 gr. SST®	80596	20

CARTRIDGE	BULLET	ITEM	COUNT
30-30 Win	150 gr. InterLock® RN	80806	20
308 Win	125 gr. SST®	80866	20
30-06 Springfield	125 gr. SST®	81066	20
300 Win Mag	150 gr. SST®	82017	20

See Center Spread for Ballistics Information

Custom Lite® Slugs

Shotgun enthusiasts will enjoy both 20 and 12 gauge offerings, delivering 25% to 40% less recoil than standard loads. For rifled barrels only.

CARTRIDGE	BULLET	ITEM	COUNT
12 GA Slug	300 gr. FTX® 2 3/4"	86230	5
20 GA Slug	250 gr. FTX® 2 3/4"	86233	5

See Center Spread for Ballistics Information



25% +

RECOIL REDUCTION *

7MM REM MAG 139 GR SST®



COMPARED TO STANDARD 139 GRAIN LOAD

30-30 WIN 150 GR INTERLOCK® RN



COMPARED TO STANDARD 150 GRAIN LOAD

20 GA 250 GR SST® SLUG



COMPARED TO STANDARD 250 GRAIN LOAD

30% +

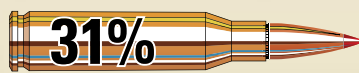
RECOIL REDUCTION *

243 WIN 87 GR SST®



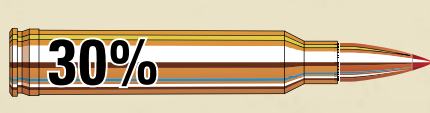
COMPARED TO STANDARD 100 GRAIN LOAD

7 MM - 08 REM 120 GR SST®



COMPARED TO STANDARD 139 GRAIN LOAD

300 WIN MAG 150 GR SST®

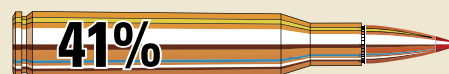


COMPARED TO STANDARD 150 GRAIN LOAD

40% +

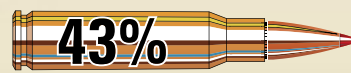
RECOIL REDUCTION *

270 WIN 120 GR SST®



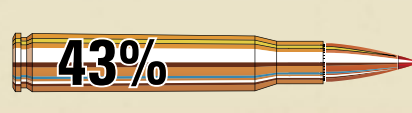
COMPARED TO STANDARD 130 GRAIN LOAD

308 WIN 125 GR SST®



COMPARED TO STANDARD 150 GRAIN LOAD

30-06 125 GR SST®



COMPARED TO STANDARD 150 GRAIN LOAD

12 GA 300 GR SST SLUG



COMPARED TO STANDARD 300 GRAIN LOAD

By using slightly lighter bullets and modified propellants, significant recoil reduction is achieved that will benefit shooters of all ages.

*Recoil reduction is calculated by comparing a standard Custom™ load to a Custom Lite® load based on charge weight, bullet weight and muzzle velocity.



Hornady® Rimfire..... Tack-driving accuracy.

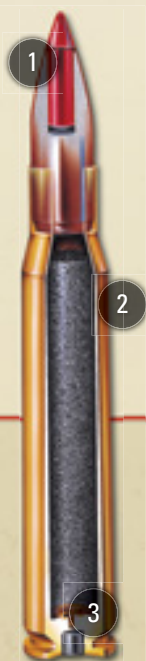


NEW!

Prairie dogs to coyotes.

From prairie dogs and ground squirrels to coyotes and foxes, the Hornady® Rimfire line of ammunition offers varmint hunters high speed rimfire cartridges like the 17 Mach 2®, 17 HMR®, 22 WMR, and the new 17 WSM (17 Win Super Mag).

Loaded with either the V-MAX® or NTX® bullet, these rimfire loads deliver tack-driving accuracy at long range and provide dramatic expansion on impact.



17 Mach 2 17 HMR 17 WSM 22 WMR

V-Max®



NTX®



Les Johnson

"Whether I'm 'Locked and Loaded' for home defense or calling predators, Hornady Heavy Magnum Coyote is my go-to load! I'm that confident!"

1. PROVEN HORNADY® BULLETS

Achieving rapid fragmentation at all practical shooting velocities, Hornady® V-MAX® and NTX® bullets deliver pinpoint accuracy and deadly results.

2. POWDER

Powder is matched to each load for optimum pressure, velocity and consistency.

3. CASE AND PRIMER

Like all Hornady® ammunition, our Varmint Express® rounds use the highest quality cases and primers available. Consistent components translate to consistent shooting in the field.

Varmint Express® Tack-driving accuracy.

Varmint Express® Rimfire Ammunition

CARTRIDGE	BULLET	ITEM	COUNT
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

CARTRIDGE	BULLET	ITEM	COUNT
17 HMR	20 gr. XTP®	83172	50
17 WSM	NEW! 20 gr. V-MAX®	83180	50
22 WMR	25 gr. NTX®	83201	50
22 WMR	30 gr. V-MAX®	83202	50

See Center Spread for Ballistics Information

Varmint Express® Ammunition

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 contact. Each Varmint Express® offering is loaded with high quality cases and carefully selected propellant and primers that are chosen to provide the best performance in each individual load.



CARTRIDGE	BULLET	ITEM	COUNT
22 Hornet	35 gr. V-MAX®	8302	25
5.45 x 39 MM (Steel Case)	60 gr. V-MAX®	8124	50
223 Rem	40 gr. V-MAX®	8325	20
223 Rem	55 gr. V-MAX®	8327	20
22-250 Rem	40 gr. V-MAX®	8335	20

CARTRIDGE	BULLET	ITEM	COUNT
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
6.8 SPC	110 gr. V-MAX®	8346	20

See Center Spread 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	WEIGHT	ITEM	COUNT
12 GA #4 Buck Varmint Express® 2¾"	1 oz.	86243	10



Tim Zeleski

Tim Zeleski shot this 17 lb. 9 oz. Idaho rockchuck using a 168 grain A-MAX bullet at 568 yards in a 22 mph crosswind. He cites, "The A-MAX bullets are amazingly and consistently accurate at long range and have great resistance to significant wind drift due to their high ballistic coefficient."



Brian McMahon

Shot from 213 yards with a handloaded 30 cal 180 gr. SST, Brian took this moose in the wilderness of the Yukon. His guide exclaimed, "I've never seen a moose that big just drop in his tracks."



Superformance[®] Match[™] It IS rocket science![®]



To learn more, scan the QR code. Search your phone's app store for a QR code reader.

Supercharge your match rifle.

IT IS FAST! IT IS ACCURATE! IT IS VERSATILE!

Superformance[®] Match[™] Ammunition achieves muzzle velocities of 100-200 fps faster than any conventional ammunition.

Amazing ammunition performance starts with outstanding bullets. Hornady[®] A-MAX[®] and Boattail Hollow Point Match[™] bullets feature revolutionary AMP[™] (Advanced Manufacturing Process) bullet jackets. Topped with the finest bullets, Superformance[®] Match[™] ammunition marries the very best cartridge cases with extremely stable propellants. These propellants are custom blended for each individual load to provide true ammunition performance enhancement.

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

CARTRIDGE	BULLET	BC	ITEM	COUNT
223 Rem	75 gr. BTHP	.395	80264	20
5.56 NATO*	75 gr. BTHP	.395	81264	20
308 Win	168 gr. A-MAX [®]	.475	80964	20
308 Win	178 gr. BTHP	.530	8077	20

* 5.56 NATO ammunition is not for use in rifles chambered in 223 Rem.

See Center Spread for Ballistics Information



John Potratz

John set a range record in the 1000-yard Heavy Gun Division with this 100-5X score at the Missouri State IBS 1000-Yard Championship Match in August 2014. The group was impressively small at 5.571 inches. With his combined scores and group for the event, John finished first place overall in the Heavy Gun Division.



1. HORNADY[®] MATCH[™] BULLETS

Hornady[®] Match[™] rifle ammunition is loaded with the most accurate, consistent match bullets in the world, featuring our AMP[™] bullet jackets.

2. SPECIALLY SELECTED CASES

Cases are carefully selected based on strict criteria: wall thickness uniformity, internal capacity, case weight and consistent wall concentricity.

3. POWDER

Powder is matched carefully to each specific load for optimal pressure, velocity and consistent accuracy.

4. PRIMERS

Like the powder, the primers we select are the highest quality available, perfectly matched to each load.

MatchTM *The difference between competing and dominating.*

We carefully select every component to ensure uniformity, then load to exacting specifications to provide pinpoint accuracy. Each cartridge is loaded with either Hornady® A-MAX® bullets or our high-performance boattail hollow points. Stringent quality control ensures proper bullet seating, consistent charges and pressures, optimal velocity and repeatable accuracy.



A-MAX® BTHP MATCH



CARTRIDGE	BULLET	BC	ITEM	COUNT
223 Rem	68 gr. BTHP	.355	80289	20
223 Rem	75 gr. BTHP	.395	8026	20
6.5 Grendel®	123 gr. A-MAX®	.510	8150	20
6.5 Creedmoor	120 gr. A-MAX®	.465	81492	20
6.5 Creedmoor	140 gr. A-MAX®	.585	81494	20
6.8 SPC	110 gr. BTHP	.360	8146	20
308 Win	155 gr. OTM*	.405	8087N	20
308 Win	155 gr. A-MAX®	.435	8095PM	20

CARTRIDGE	BULLET	BC	ITEM	COUNT
308 Win	168 gr. A-MAX®	.475	8096	20
308 Win	168 gr. BTHP	.450	8097	20
308 Win	178 gr. BTHP	.530	8105	20
300 Win Mag	195 gr. BTHP	.550	8218	20
338 Lapua Mag	250 gr. BTHP	.670	8230	20
338 Lapua Mag	NEW! 285 gr. A-MAX®	.778	82301	20
338 Lapua Mag	285 gr. BTHP	.756	82306	20
50 BMG	750 gr. A-MAX®	1.050	8270	10

*OTM = Open Tip Match/BTHP

See Center Spread for Ballistics Information

Steel Match®

Whether plinking, practicing, or competing, the economical solution for accurate and consistent performance is Steel Match® ammunition from Hornady®.

Featuring Hornady® Match™ rifle bullets or HAP® (Hornady Action Pistol) handgun bullets, Steel Match® ammunition is loaded at the Hornady® factory with optimized propellants for each load that provides consistency and the highest levels of accuracy. Utilizing proven steel cartridge case technology, and non-corrosive berdan primers, Steel Match® ammunition delivers Hornady® quality and performance with an economical price.

CARTRIDGE	BULLET	BC	ITEM	COUNT
9MM Luger	115 gr. HAP®	.129	90271	50
223 Rem	55 gr. HP	.254	80274	50
223 Rem	75 gr. BTHP	.395	80261	50
308 Win	155gr BTHP	.405	80926	50

See Center Spread for Ballistics Information

Vintage Match™

Vintage Match™ ammunition is built to replicate the original military performance specifications unique to many vintage rifles. With the advent of the CMP Vintage rifle and Vintage Sniper Matches, Vintage Match™ ammunition was developed with the match shooter in mind and is meant to provide superior quality, off-the-shelf ammunition for the shooter who is looking for a match grade alternative to surplus or hand-loaded ammunition.

Vintage Match™ offers exceptional accuracy for classic service rifles such as the Mauser, Lee-Enfield, Mosin-Nagant, Swedish Mauser or any other rifles chambered for these storied cartridges.

CARTRIDGE	BULLET	BC	ITEM	COUNT
6.5X55	140 gr. BTHP	.580	85508	20
30-06 M1 Garand	168 gr. A-MAX®	.475	81170	20
303 British	174 gr. BTHP	.470	8228	20
8X57 JS	196 gr. BTHP	.525	82298	20

See Center Spread for Ballistics Information



LEVERevolution®



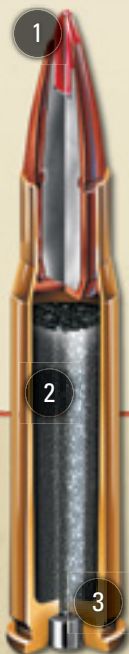
To learn more, scan the QR code. Search your phone's app store for a QR code reader.

Turn your classic lever gun into a truly devastating long range performer.

LEVERevolution® represents a breakthrough in ammo design for lever action rifles and revolvers. The key to its innovation and performance is the patented elastomer Flex Tip® technology of the FTX® and MonoFlex® bullets. Safe to use in tubular magazines, these bullets feature higher ballistic coefficients and deliver dramatically flatter trajectory for increased down range performance.

- Up to 250 feet per second faster muzzle velocity than conventional lever gun loads.
- Exceptional accuracy and overwhelming downrange terminal performance.
- Patented FTX® bullet featuring Flex Tip® Technology.
- Up to 40% more energy than traditional flat point loads.

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.



1. ELASTOMER FLEX TIP®

This patented high-tech elastomer tip dramatically improves the ballistic coefficient, while still providing shock-absorbing safety in the magazine.

2. PROPELLANT

New propellants provide maximum muzzle velocity at conventional pressures, resulting in flatter trajectories and more downrange energy.

3. CASE AND PRIMER

Like all Hornady® ammunition, our LEVERevolution® rounds use the highest quality cases and primers available. Consistent components translate to consistent shooting in the field.



30-30 160 gr. FTX®



308 Marlin 160 gr. FTX®



444 Marlin 265 gr. FTX®

MONOFLEX®

Combining the technologies of the GMX® and patented FTX® bullet design, the MonoFlex® bullet is a union of the very latest in bullet design from Hornady®. An innovative bullet choice is now available for the famed Hornady® LEVERevolution® ammunition line. Constructed of a copper alloy, MonoFlex® bullets will never separate, and when recovered, retain 95+% of their original weight. Deep penetration. High weight retention. Unbeatable power.



30 cal 140 gr.
2483 fps
Retained 136.9 gr.



In handguns, hollow point bullets typically deliver good performance at modest velocities, but expand too quickly and sacrifice penetration at higher velocities. Hornady® Flex Tip® technology allows the bullet to expand reliably from 800 to 2000+ fps.

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.

CARTRIDGE	BULLET	ITEM	COUNT
357 Magnum	140 gr. FTX®	92755	25
44 Mag	225 gr. FTX®	92782	20
45 Colt	225 gr. FTX®	92792	20
30-30 Win	140 gr. MonoFlex®	82731	20
30-30 Win	160 gr. FTX®	82730	20
308 Marlin Express	140 gr. MonoFlex®	82734	20
308 Marlin Express	160 gr. FTX®	82733	20

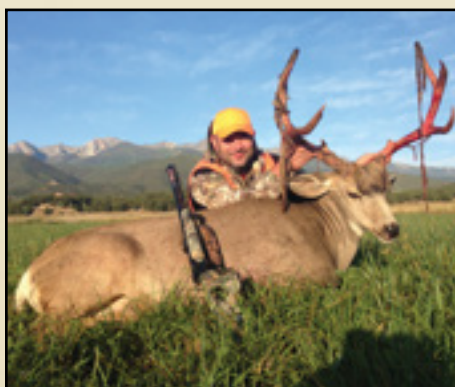
CARTRIDGE	BULLET	ITEM	COUNT
32 Win Special	165 gr. FTX®	82732	20
338 Marlin Express	200 gr. FTX®	82240	20
35 Rem	200 gr. FTX®	82735	20
444 Marlin	265 gr. FTX®	82744	20
45-70 Government	250 gr. MonoFlex®	82741	20
45-70 Government	325 gr. FTX®	82747	20
450 Marlin	325 gr. FTX®	82750	20

See Center Spread for Ballistics Information



Chase Stockwell

Chase shot this great Texas Whitetail with his great uncle's vintage 30-30, using Hornady LeverEvolution ammunition.



Kenneth Lancaster

I've been shooting Hornady ammo since I was a kid. It was all my grandfather and daddy would buy. I made my best muzzleloader shot ever with a 50 Cal. 300 gr FPB from 178 yards with open sights. This is one of the biggest mule deer I have ever taken!



Kevin Holmes

Kevin took this nice antelope in central Wyoming from 340 yards using Hornady Custom 154 gr SST in his 7mm Remington Mag.



Dangerous Game™ Series.....*Fear no evil.*



To learn more, scan the QR code. Search your phone's app store for a QR code reader.

Fear no evil

Hornady® manufactures Dangerous Game™ Series ammunition 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. We use techniques and processes that rival hand loads, with the ultimate goal of making every cartridge accurate, deadly and dependable!

Loaded in a variety of popular calibers, the foundation of our Dangerous Game™ Series ammunition is the DGX® or DGS® bullet. (see pages 49-50)

The DGX® is an expanding bullet that incorporates all the features of the DGS® bullet along with a redesigned flat meplat for straight penetration, maximum energy transfer and devastating results.

The DGS® non-expanding bullet is recommended for thick-skinned game such as elephant, rhino and hippo. Its tough copper clad steel jacket is designed to provide maximum penetration from all angles on thick-skinned and heavy boned dangerous game animals.



1. HIGH PERFORMANCE HORNADY® BULLETS

From the InterLock® SP-RP bullets to the heavy-hitting DGS® and DGX® bullets, each Dangerous Game™ Series load is topped with a deadly projectile.

2. POWDER

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

3. CASE AND PRIMER

Like all Hornady® ammunition, our Dangerous Game™ rounds use the highest quality cases and primers available. Consistent components translate to consistent shooting in the field.



DGX®



DGS®

Dangerous Game™ Series.....*Fear no evil.*

Dangerous Game™ Ammunition

CARTRIDGE	BULLET	ITEM	COUNT
9.3x62	286 gr. InterLock® SP-RP	82303	20
9.3x74R	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 H&H Superformance®	270 gr. InterLock® SP-RP	8508	20
375 H&H	270 gr. InterLock® SP-RP	82312	20
375 H&H	300 gr. DGS®	82322	20
375 H&H	300 gr. DGX®	82332	20
375 Ruger Superformance®	270 gr. InterLock® SP-RP	8231	20
375 Ruger Superformance®	300 gr. DGS®	8232	20
375 Ruger Superformance®	300 gr. DGX®	82333	20
450/400 Nitro Express 3"	400 gr. DGS®	8242	20
450/400 Nitro Express 3"	400 gr. DGX®	82433	20
404 Jeffery	400 gr. DGS®	8239	20
404 Jeffery	400 gr. DGX®	8238	20
416 Rem	400 gr. DGX®	82673	20

CARTRIDGE	BULLET	ITEM	COUNT
416 Rem	400 gr. DGS®	82674	20
416 Ruger Superformance®	400 gr. DGS®	82666	20
416 Ruger Superformance®	400 gr. DGX®	82665	20
416 Rigby	400 gr. DGS®	8265	20
416 Rigby	400 gr. DGX®	82663	20
458 Win Superformance®	500 gr. DGX®	85833	20
458 Win Superformance®	500 gr. DGS®	8585	20
458 Lott	500 gr. DGX®	82613	20
458 Lott	500 gr. DGS®	8262	20
450 Nitro Express 3¼"	480 gr. DGX®	8255	20
450 Nitro Express 3¼"	480 gr. DGS®	8256	20
470 Nitro Express	500 gr. DGS®	8264	20
470 Nitro Express	500 gr. DGX®	8263	20
500 Nitro Express 3"	570 gr. DGS®	8269	20
500 Nitro Express 3"	570 gr. DGX®	8268	20

See Center Spread for Ballistics Information

WOODEN AMMO BOXES

These boxes are big enough to hold plenty of ammo and other gear, plus they look great sitting on the shelf. Constructed of solid pine with a burned-in Big Five or Teddy Roosevelt 405 illustration on the hinged lid. Front side features a red Hornady® logo.

Inside Dimensions: 13¼" x 6¼" x 4⅞"

No. 9902 or 9905



Pete Angle

Finally, after a week's quest in South Africa, the Waterbuck appeared out of nowhere. Before the brute could vanish, I put the Hornady .375 Ruger SP-RP to the test. The ammunition performed perfectly! Thanks Hornady for a bucket list trophy.



Neil Davies

Neil Davies took this 153 lb leopard with Chifuti Safaris in Zimbabwe shooting Hornady Superformance 375 Ruger 250 gr GMX ammo.



Matt Spencer

Matt had an excellent hunt in the southern Kalahari Desert region of South Africa. He took five large animals, including this Kudu with a 375 Ruger, loaded with Superformance® 250gr GMX ammunition.



CustomTM

Innovation Since 1949.



To learn more, scan the QR code. Search your phone's app store for a QR code reader.

Hornady® CustomTM rifle ammunition brings the performance of handloads to factory cartridges.

Millions of successful hunts have proven the accuracy and deadly effect of the famous Hornady® InterLock®, SST®, InterBond® and GMX® bullets we load into Hornady® CustomTM rifle ammunition.

Every round of Hornady® CustomTM ammunition is hand inspected before packaging to ensure the highest levels of quality control. At Hornady®, we manufacture CustomTM ammunition to give shooters and hunters the advantage of handloaded accuracy in a factory load.



1. HORNADY® BULLETS

Deliver flat trajectories and hard hitting performance to put game down with minimal tracking.

2. POWDER

Powder is matched to each load for optimum pressure, velocity and consistency.

3. CASE AND PRIMER

Like all Hornady® ammunition, our CustomTM rounds use the highest quality cases and primers available. Consistent components translate to consistent shooting in the field.

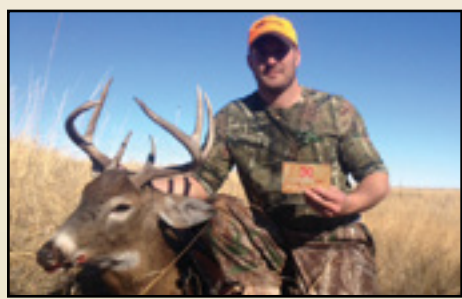


Custom Rifle Ammunition

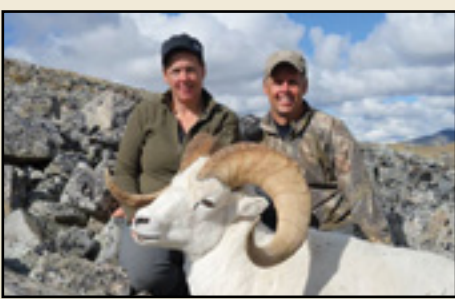
CARTRIDGE	BULLET	ITEM	COUNT
204 Ruger	45 gr. SP	83208	20
257 Wby Mag	90 gr. GMX®	8136	20
257 Wby Mag	110 gr. InterBond®	81363	20
6.8MM SPC	120 gr. SST®	8347	20
6.5 Grendel	123 gr. SST®	8152	20
270 Win	140 gr. InterLock® BTSP	8056	20
270 Win	150 gr. InterLock® SP	8058	20
275 Rigby	140 gr. InterLock® SP	8070	20
7MM Rem Mag	154 gr. InterLock® SP	8060	20
7MM Rem Mag	162 gr. InterLock® BTSP	8063	20
7MM Wby Mag	139 gr. GMX®	80666	20
7MM Wby Mag	154 gr. InterBond®	80689	20
300 Blackout	110 gr. V-MAX®	8089	20
300 Blackout	208 gr. A-MAX®	80892	20
308 Win	150 gr. SST®	8093	20

CARTRIDGE	BULLET	ITEM	COUNT
308 Win	165 gr. InterLock® BTSP	8098	20
30-06 Sprg	165 gr. InterLock® BTSP	8115	20
30-06 Sprg	180 gr. InterLock® SP	8118	20
300 H&H Mag	180 gr. InterBond®	8210	20
300 Win Mag	165 gr. InterLock® BTSP	8202	20
300 Win Mag	180 gr. InterLock® SP	8200	20
300 Wby Mag	165 gr. GMX®	82220	20
300 Wby Mag	180 gr. InterLock® SP	8222	20
7.62 x 39 MM (Steel Case)	123 gr. SST®	8078	50
303 British	150 gr. InterLock® SP	8225	20
8 x 57 MM Mauser	196 gr. InterLock® SP	8229	20
338 Lapua	250 gr. InterLock® SP-RP	82307	20
358 Win	200 gr. InterLock® SP	91318	20
405 Win	300 gr. InterLock® SP	8241	20
450 Bushmaster	250 gr. FTX®	82244	20

See Center Spread for Ballistics Information



Adam Osborn
Using Hornady 270 Win Custom Lite, Adam Osborn took this nice Nebraska buck. Adam had this to say, "I took the shot at 65 yards, and was impressed with the terminal performance. Thanks Hornady."



Vanessa Harrop
Vanessa took this great ram from 300 yards with her 6.5 Creedmoor shooting 129-grain SST. She says, "I love this combination and feel it is the perfect mountain rifle and load."

TAP[®] FPDTM

Exceptionally accurate and consistent, TAP[®] FPDTM rifle ammo offers enhanced terminal performance with rapid expansion and fragmentation resulting in dramatic wound cavities and a reduced risk of over-penetration. The nickel-coated cases help eliminate corrosion and improve feeding in all firearms.

CARTRIDGE	BULLET	ITEM	COUNT
223 Rem	55 gr. TAP [®] FPD TM	83278	20
223 Rem	75 gr. TAP [®] FPD TM	80268	20
308 Win	110 gr TAP [®] FPD TM	80898	20
308 Win	155 gr. TAP [®] FPD TM	80928	20
308 Win	168 gr. TAP [®] FPD TM	80968	20

See Center Spread for Ballistics Information





To learn more, scan the QR code. Search your phone's app store for a QR code reader.

Shooting is an American tradition. Uphold the heritage of freedom and liberty — American Gunner™ ammunition.

The American Gunner™ line of ammunition is a collection of tried-and-true, versatile loads that are popular with shooters for their target shooting, hunting or self-defense needs.

Made in the USA with premium components, American Gunner™ ammunition combines generations of ballistics know-how with modern technology.

Preliminary offerings feature legendary XTP® hollow point bullets that have been favorites for decades. Designed for hunting, self-defense and law enforcement applications, the XTP® bullet is exceptionally accurate, and is the choice of many top competitive shooters around the world.

1. HORNADY® BULLETS

XTP® (eXtreme Terminal Performance) bullets are exceptionally accurate and deliver excellent versatility and superior ballistic performance.

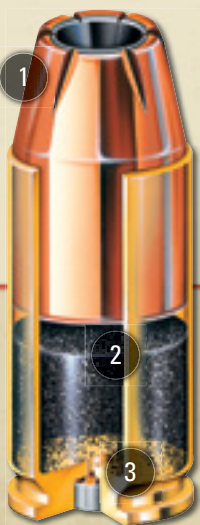
2. POWDER

Propellants are matched to each load to ensure optimal pressure, velocity, volume and consistency from lot to lot.

3. CASE AND PRIMER

Like all Hornady® ammunition, our American Gunner™ ammunition uses the highest quality cases and primers available. Consistent components translate to consistent shooting in the field.

XTP®





AMERICAN GUNNER™ AMMUNITION

- Hornady® XTP® hollow point bullets are exceptionally accurate and deliver excellent versatility and superior ballistic performance.
- Propellants are matched to each load to ensure optimal pressure, velocity, volume and consistency from lot to lot.
- Like all Hornady® ammunition, American Gunner™ rounds use the highest quality cases and primers available. Consistent components translate to consistent shooting in the field.

CARTRIDGE		BULLET	ITEM	COUNT
380 Auto	NEW!	90 gr. XTP®	90104	25
9MM Luger	NEW!	115 gr. XTP®	90244	25
9MM Luger +P	NEW!	124 gr. XTP®	90224	25
38 Special	NEW!	125 gr. XTP®	90324	25
357 Mag	NEW!	125 gr. XTP®	90504	25
40 S&W	NEW!	180 gr. XTP®	91364	20
45 Auto	NEW!	185 gr. XTP®	90904	20

See Center Spread for Ballistics Information



Critical Duty® *Barrier Blind Performance.*



To learn more, scan the QR code. Search your phone's app store for a QR code reader.

Patent No. 8,161,885 B1

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.

The FlexLock® bullet incorporates two revolutionary Hornady® features to deliver superior barrier penetration and consistent performance in FBI tactical handgun ammunition tests (FBI Protocol).

The patented Hornady® Flex Tip® design eliminates clogging and aids bullet expansion. A large mechanical jacket-to-core InterLock® band works to keep the bullet and core from separating for maximum weight retention, excellent expansion, consistent penetration and terminal performance through all FBI test barriers.

Bright nickel-plated cases simplify chamber checks in reduced light. Additionally, all Critical Duty® ammunition is loaded with low flash propellant to help preserve night vision in low-light firing.

1. FLEXLOCK® BULLET

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

2. INTERLOCK® BAND

Works to keep the bullet and core from separating for maximum weight retention and proven terminal performance through all FBI test barriers.

3. CORE

Made of high-antimony lead making it extremely tough, delivering controlled expansion for unparalleled terminal performance consistency through all FBI test barriers. It's also more economical than similar bonded bullets.

4. NICKEL-PLATED CRIMPED CASES

Nickel plating resists corrosion and greatly enhances low-light chamber checks. The cannellured bullet with crimped case ensures no bullet setback during feeding.



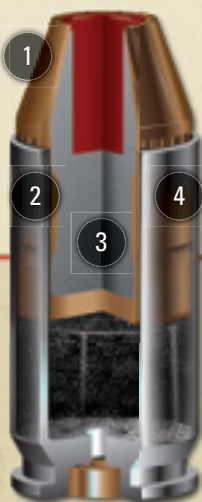
NEW!



357 Mag 135 gr. FlexLock®



45 Auto +P 220 gr. FlexLock®



Critical Duty® Barrier Blind Performance.

CARTRIDGE	BULLET	ITEM	COUNT
9MM Luger	135 gr. FlexLock®	90236	25
9MM Luger +P	135 gr. FlexLock®	90226	25
357 Sig	135 gr. FlexLock®	91296	20
357 Mag	NEW! 135 gr. FlexLock®	90511	25
40 S&W	175 gr. FlexLock®	91376	20
45 Auto +P	220 gr. FlexLock®	90926	20

See Center Spread for Ballistics Information



357 Mag 135 gr. FlexLock®

						
	9MM Luger 135 gr. FlexLock®	9MM Luger +P 135 gr. FlexLock®	357 Sig 135 gr. FlexLock®	357 Mag 135 gr. FlexLock®	40 S&W 175 gr. FlexLock®	45 Auto +P 220 gr. FlexLock®
BARE GELATIN	 15.25" penetration 0.56" expansion 100% recovered weight	 14.0" penetration 0.60" expansion 100% recovered weight	 14.0" penetration 0.58" expansion 99% recovered weight	 14.0" penetration 0.58" expansion 99% recovered weight	 13.5" penetration 0.57" expansion 99% recovered weight	 14.0" penetration 0.71" expansion 99% recovered weight
HEAVY CLOTHING	 15.5" penetration 0.50" expansion 100% recovered weight	 15.0" penetration 0.55" expansion 100% recovered weight	 13.5" penetration 0.56" expansion 99% recovered weight	 14.4" penetration 0.57" expansion 99% recovered weight	 14.5" penetration 0.54" expansion 99% recovered weight	 14.5" penetration 0.69" expansion 99% recovered weight
SHEET METAL	 13.75" penetration 0.49" expansion 99% recovered weight	 14.5" penetration 0.53" expansion 97% recovered weight	 15.0" penetration 0.51" expansion 95% recovered weight	 14.7" penetration 0.50" expansion 98% recovered weight	 13.0" penetration 0.57" expansion 98% recovered weight	 17.75" penetration 0.54" expansion 99% recovered weight
WALL BOARD	 13.5" penetration 0.58" expansion 100% recovered weight	 13.0" penetration 0.62" expansion 100% recovered weight	 16.5" penetration 0.42" expansion 100% recovered weight	 18.5" penetration 0.44" expansion 100% recovered weight	 14.0" penetration 0.63" expansion 99% recovered weight	 13.5" penetration 0.70" expansion 99% recovered weight
PLYWOOD	 15.0" penetration 0.51" expansion 100% recovered weight	 14.75" penetration 0.57" expansion 100% recovered weight	 17.75" penetration 0.53" expansion 100% recovered weight	 18.1" penetration 0.46" expansion 100% recovered weight	 15.0" penetration 0.52" expansion 99% recovered weight	 15.0" penetration 0.66" expansion 99% recovered weight
GLASS	 13.75" penetration 0.41" expansion 67% recovered weight	 14.75" penetration 0.42" expansion 69% recovered weight	 15.5" penetration 0.49" expansion 77% recovered weight	 14.1" penetration 0.48" expansion 73% recovered weight	 13.0" penetration 0.61" expansion 79% recovered weight	 13.75" penetration 0.53" expansion 75% recovered weight



Critical Defense® Concealed Carry Reliability.



To learn more, scan the QR code. Search your phone's app store for a QR code reader.

Patent No. 8,161,885 B1

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

Since their inception, conventional hollow point pistol bullets have performed well, but have never delivered 100% reliability, especially in self-defense situations. The patented Flex Tip® technology used in Critical Defense® ammunition eliminates the clogging and inconsistency that often plagues hollow point bullets. Hornady® achieved this by using the same tip material used in LEVERevolution® ammunition.

All Critical Defense® ammunition is loaded in nickel-plated cases for increased visibility in low-light situations. Premium low flash propellants deliver proven performance, even in very short-barreled handguns, and won't disrupt your vision. Reliable expansion and dependable terminal performance can be counted on for concealed carry and personal protection.

The patented FTX® bullet delivers consistent expansion you can count on.



9MM 115 gr. FTX®



HORNADY®



COMPETITORS

1. FTX® BULLET TECHNOLOGY

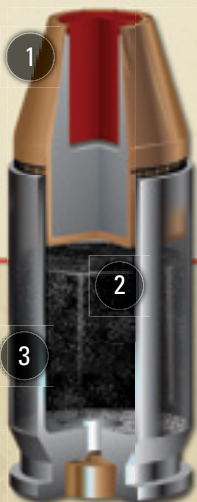
The patented FTX® bullet expands reliably and resists clogging when fired through heavy clothing.

2. OPTIMIZED PROPELLANTS

Optimized propellants burn quickly, reduce recoil, and limit muzzle flash to protect night vision.

3. NICKEL-PLATED CASES



Nickel-plated cases resist tarnish and greatly enhance low-light chamber checks.



Critical Defense® *Concealed Carry Reliability.*

Purpose-built for concealed carry guns

- Unaffected by thick and heavy clothing, including denim and leather.
- FTX® bullet delivers superior controlled expansion and large, deep wound cavities over a wide range of velocities.
- Clean burning and efficient propellants reduce recoil in lightweight handguns and perform consistently at all temperatures.
- Minimal muzzle flash protects night vision.
- Feeds reliably in pistols.
- Silver nickel plating prevents corrosion and is easily visible in low light situations.
- Bullets are custom designed for individual loads.
- The most effective, consistent, and reliable concealed carry ammunition available today!

CARTRIDGE	BULLET	ITEM	COUNT
22 WMR	45 gr. FTX®	83200	50
32 NAA	80 gr. FTX®	90070	25
32 H&R	80 gr. FTX®	90060	25
380 Auto	90 gr. FTX®	90080	25
9MM Luger Critical Defense® Lite NEW!	100 gr. FTX® 	90240	25
9MM Luger	115 gr. FTX®	90250	25
38 Special Critical Defense® Lite	90 gr. FTX® 	90300	25
38 Special	110 gr. FTX®	90310	25
38 Special+P	110 gr. FTX®	90311	25

CARTRIDGE	BULLET	ITEM	COUNT
357 Magnum	125 gr. FTX®	90500	25
9x18 Makarov	95 gr. FTX®	91000	25
40 S&W	165 gr. FTX®	91340	20
44 Special	165 gr. FTX®	90700	20
45 Auto	185 gr. FTX®	90900	20
45 Colt	185 gr. FTX®	92790	20
30 Carbine	110 gr. FTX®	81030	25
410 Triple Defense®	FTX® Slug & 2 round balls	86238	20
12 GA 00 Buckshot	8 pellets	86240	10

See Center Spread for Ballistics Information

Critical Defense® Lite

Critical Defense® Lite™ ammunition offers an effective, reduced recoil option for ANY shooter looking to minimize the felt recoil of their lightweight, compact personal protection firearm.

Designed with the same proven components as our Critical Defense® line of ammunition, the "Lite" version features FTX® bullets with unique PINK Flex Tips®! The pink bullet tips and pink ribbon packaging help showcase our support for the fight against breast cancer. A portion of the proceeds from the sale of Critical Defense® Lite™ will go to help fund breast cancer research.



9MM Luger 100 gr. FTX®

Also available: 38 Special 90 gr. FTX®

1-800-338-3220

Critical Defense® 410 Triple Defense®

Delivering effective shot patterns that place all projectiles on a man-sized target at seven yards, the Critical Defense® 410 features a unique Triple Defense® projectile column consisting of two 35 caliber round balls topped with one non-jacketed FTX® slug.

Unique to the Critical Defense® 410, the 41 caliber FTX® slug actually engages the gun's rifling, and contacts the target nose-on, enabling the patented Hornady® Flex Tip® technology to assist in expansion for greatly enhanced terminal performance. Each 35 caliber round ball is made of high antimony, cold swaged lead to resist deformation and provide excellent penetration.

Critical Defense® 410 Triple Defense® – you be the JUDGE!



Patented Flex Tip® technology assists in expanding the slug for enhanced terminal performance.



720 FPS



CustomTM Pistol..... *The preferred choice.*



To learn more, scan the QR code. Search your phone's app store for a QR code reader.

A versatile choice for hunting, competing and having fun!

At Hornady®, we have introduced over 60 different jacketed pistol bullets based on what you, the shooter, have requested. All Hornady® Custom™ pistol ammo is loaded with the famous XTP® (eXtreme Terminal Performance) bullet, FMJ, FTX® (Flex Tip® eXpanding) bullet, or our swaged lead Cowboy™ bullets.

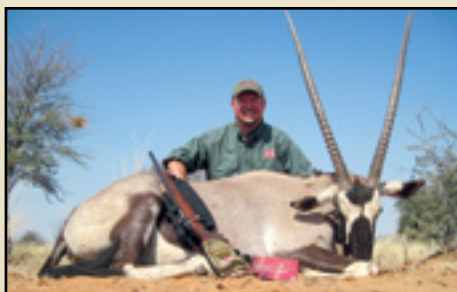
All are extremely accurate and deliver excellent terminal performance! This is what makes our pistol bullets the preferred choice for hunters, competitive shooters, and plinkers.



38 Cal 140 gr. XTP®



500 S&W 350 gr. XTP®



Mitch Mittelstaedt

On a South African hunt, in the Kalahari Desert area, Mitch Mittelstaedt took this Gemsbok from 225 yards with a 338 RCM Superformance 185 gr. GMX load. He took six animals on the safari, all one-shot kills with that same Superformance load.

1. HORNADY® BULLETS

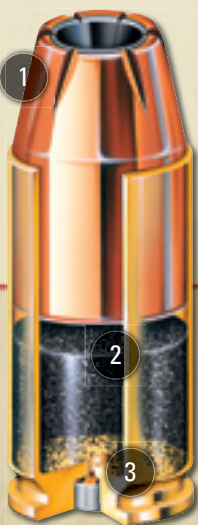
All Hornady® Custom™ pistol ammo is loaded with either the famous Hornady® XTP® (eXtreme Terminal Performance) bullet, our FMJ, or our patented FTX® bullet. All are supremely accurate and deliver dependable performance.

2. POWDER

Powder is matched to each load to ensure optimal pressure, velocity, volume, and consistency from lot to lot.

3. CASE AND PRIMER

Like all Hornady® ammunition, our Custom™ pistol rounds use the highest quality cases and primers available. Consistent components translate to consistent shooting in the field.



CustomTM Pistol..... *The preferred choice.*

CARTRIDGE	BULLET	ITEM	COUNT
25 Auto	35 gr. XTP®	90012	25
32 Auto	60 gr. XTP®	90062	25
380 Auto	90 gr. XTP®	90102	25
9MM Luger	115 gr. XTP®	90252	25
9MM Luger	124 gr. XTP®	90242	25
9MM Luger	147 gr. XTP®	90282	25
9 x 18MM Makarov	95 gr. XTP®	91002	25
38 Special	125 gr. XTP®	90322	25
38 Special	158 gr. XTP®	90362	25
357 Mag	125 gr. XTP®	90502	25
357 Mag	158 gr. XTP®	90562	25
357 SIG	147 gr. XTP®	9131	20
40 S&W	155 gr. XTP®	9132	20
40 S&W	180 gr. XTP®	9136	20
10MM Auto	155 gr. XTP®	9122	20
10MM Auto	180 gr. XTP®	9126	20
44-40 Cowboy	205 gr. Cowboy™	9075	20
44 Special	180 gr. XTP®	9070	20

CARTRIDGE	BULLET	ITEM	COUNT
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	185 gr. XTP®	9090	20
45 Auto	200 gr. XTP®	9112	20
45 Auto +P	200 gr. XTP®	9113	20
45 Auto +P	230 gr. XTP®	9096	20
45 Auto	230 gr. FMJ RN	9097	20
45 Colt	255 gr. Cowboy™	9115	20
454 Casull	240 gr. XTP® MAG	9148	20
454 Casull	300 gr. XTP® MAG	9150	20
460 S&W	200 gr. FTX®	9152	20
480 Ruger	325 gr. XTP® MAG	9138	20
475 Linebaugh	400 gr. XTP® MAG	9140	20
50 AE	300 gr. XTP®	9245	20
500 S&W	300 gr. FTX®	9249	20
500 S&W	500 gr. XTP®	9252	20

See Center Spread for Ballistics Information



Jett Eggers

Jett shot this nice whitetail with a 243 using a 95 gr. SST.



Matt Hughes

Matt Hughes took this beautiful black bear in Alberta, Canada with Hornady 300 gr. DGX bullets.



James Noble

James Noble used Hornady 6.5 Creedmoor 129 gr. SST Superformance ammo to take his first Nebraska buck. One shot at 205 yards put him down.



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 5½" barreled full size revolver and two speed loaders. Dimensions: 8½" x 13½" and 1½" thick (when empty). Heavy-duty YKK zipper and cordura are used for strength and durability. Imported.

No. 99117 \$21.99

FREE with RAPiD® Safe purchase. (Page 94)



Shotgun Slugs.....



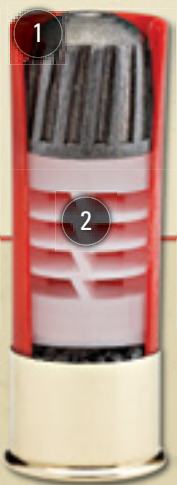
Slug season never looked so good.

Hornady offers a variety of slugs that are accurate and deadly on big game.

Whether 12 or 20 gauge, you'll find a slug that works with your shotgun and style of shooting. Some prefer the faster SST® Slug with patented Flex Tip® technology. Others prefer the lighter recoil of our Custom Lite® slugs that deliver 25% to 40% less felt recoil than standard loads.

New this year is a rifled American Whitetail® Slug that can be shot from smooth bores. Regardless of your choice, we're certain you'll find a solution that produces a successful harvest this fall.

NEW!



InterLock®



Rifled Slug



MONOFLEX®



SST®



AMERICAN WHITETAIL® SMOOTH BORE 1oz. RIFLED SLUG 2¾"

1. FOSTER STYLE LEAD ALLOY SLUG

Upon impact, the 73 caliber projectile deforms to rapidly transfer energy for devastating terminal results.

2. COMPRESSION WAD

The compression style wad protects the slug at ignition and helps to seal the bore for maximum velocity.

3. BUILT FOR SMOOTH BORE SHOTGUNS

Optimized for reliable performance in smooth bore shotguns, the American Whitetail Rifled Slug works with a variety of choke tubes, from cylinder to full choke and rifled chokes.

Shotgun Slugs.....

American Whitetail® Shotgun Slugs



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.

NEW!



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.



NEW!

CARTRIDGE	BULLET	ITEM	COUNT
12 GA American Whitetail® Shotgun Slug 2 3/4"	325 gr. InterLock® HP	86271	5
12 GA American Whitetail® Rifled Slug 2 3/4"	1oz Rifled Slug	86234	5

Reference Center Spread for Ballistics Information

Custom Lite® Shotgun Slugs

Shotgun slugs deliver a fair amount of recoil. Now, hunters have an alternative with the Custom Lite® Shotgun Slug. This load is ideal for kids, women or anyone looking to tame the recoil of their rifled barrel slug gun — offering 25% to 40% less felt recoil compared to standard 20 and 12 gauge options.



CARTRIDGE	WEIGHT	ITEM	COUNT
20 GA Custom Lite® Shotgun Slug 2 3/4"	250 gr. FTX®	86233	5
12 GA Custom Lite® Shotgun Slug 2 3/4"	300 gr. FTX®	86230	5

See Center Spread for Ballistics Information

SST® Shotgun Slugs

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



CARTRIDGE	WEIGHT	ITEM	COUNT
20 GA SST® Shotgun Slug 2 3/4"	250 gr. FTX®	86232	5
12 GA SST® Shotgun Slug 2 3/4"	300 gr. FTX®	8623	5

See Center Spread for Ballistics Information

Superformance® Shotgun Slugs

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	WEIGHT	ITEM	COUNT
20 GA Superformance® Shotgun Slug 2 3/4"	250 gr. MonoFlex®	86237	5
12 GA Superformance® Shotgun Slug 2 3/4"	300 gr. MonoFlex®	86236	5

See Center Spread for Ballistics Information



Heavy Magnum® Shotgun.....



Heavy Magnum® Turkey

Available in 3", 12 or 20 gauge loads, heavy Magnum Turkey delivers true "gobbler" knockdown power! Shot deformation is minimized, thanks to the thickest nickel-plating in the industry, which reduces fliers and keeps more pellets on target for dense patterns.

Due to the Hornady® Versatite® wad, these loads don't require shotgun modification, or specialized turkey chokes – the wad does the patterning. At 1300 fps for the 12 gauge load, and 1200 fps for the 20 gauge load, Heavy Magnum® Turkey ammunition allows hunters to achieve lethal results out to 50 yards.

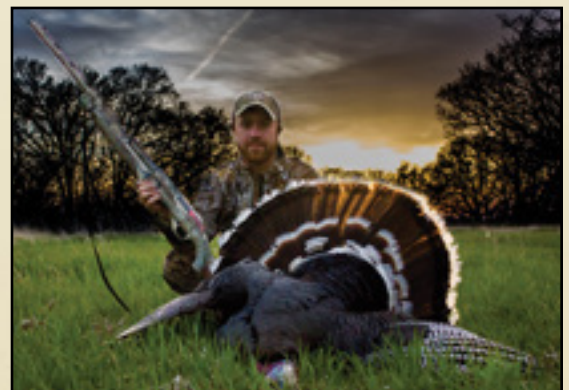


FEATURING THE
VERSATITE®
WAD

CARTRIDGE	SHOT	ITEM	COUNT
20 GA Heavy Magnum® Turkey 3"	1½ oz. #5	86248	10
12 GA Heavy Magnum® Turkey 3"	1½ oz. #4	86242	10
12 GA Heavy Magnum® Turkey 3"	1½ oz. #5	86241	10
12 GA Heavy Magnum® Turkey 3"	1½ oz. #6	86244	10
12 GA Heavy Magnum® Coyote 3"	1½ oz. BB	86222	10
12 GA Heavy Magnum® Coyote 3"	1½ oz. Buckshot	86224	10

Heavy Magnum® Coyote

Hornady® Heavy Magnum® Coyote loads deliver 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 offering, 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.



Judd Jarzynka

Judd was delighted with his first Merriam Turkey, taken from 10 yards with Hornady 12 GA Heavy Magnum Turkey #4.

Muzzleloading.....Smoke 'Em!

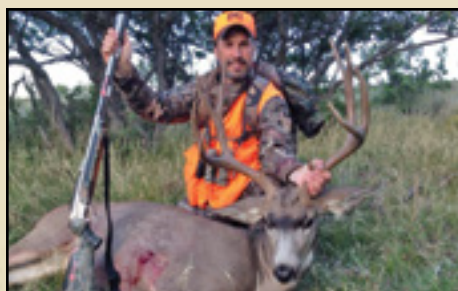


Smoke 'em with our full line of Muzzleloading Products

Hornady continues to raise the bar for muzzleloading performance. Whether you shoot the technologically advanced FPB, the quick and convenient Lock-N-Load® Speed Sabot or the more traditional round ball or lead bullets, all Hornady muzzleloading products provide exceptional accuracy and the terminal performance that hunters continue to rely on season after season.

The manufacturing processes at Hornady ensure extreme precision, uniformity and accuracy. Hunters everywhere are discovering that by using Hornady muzzleloading projectiles, centerfire accuracy can now be obtained from their muzzleloading rifles.

Complimenting the excellent Hornady line-up of muzzleloading bullets and sabots is an extensive line of muzzleloading accessories. Hornady produces accessories that will help muzzleloader hunters and shooters prepare for that one shot – perhaps THE shot that will put this season's brute on the wall and in the freezer.



Doug Koenig

This Colorado buck was taken with a 250 gr .50 cal Hornady SST loaded in my TC Encore at 95 yards. Great performance!





Muzzleloading.....Smoke 'Em!

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 Hornady® exclusive Flex Tip® design that works as a catalyst for uniform expansion, even at the low velocities of longer range impacts. 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/TYPE	DIA.	WEIGHT	B.C.	S.D.	ITEM NO.	BOX COUNT
50 Cal. MonoFlex® ML™ Lock-N-Load® Speed Sabot	.452"	250 gr.	.210	.175	67269	10
50 Cal. MonoFlex® ML™ High Speed/Low Drag Sabot	.452"	250 gr.	.210	.175	67274	20

See Center Spread for Ballistics Information

FPB® MUZZLELOADING

A specially engineered profile requires no lube and a mere 25 pounds of loading force, making the FPB® one of the easiest loading muzzleloader projectiles on the market.

Featuring our patented Flex Tip® technology, the FPB's® streamlined shape maximizes exterior ballistics. Upon impact, the flexible elastomer tip compresses into the nose of the bullet, causing expansion from 900 to 2000+ fps. This expansion results in quick kills and minimal tracking.



CALIBER/TYPE	DIA.	WEIGHT	B.C.	S.D.	ITEM NO.	BOX COUNT
50 Cal. FPB® Muzzleloading	.500"	300 gr.	.244	.173	6605	15
50 Cal. FPB® Muzzleloading	.500"	350 gr.	.285	.202	6600	15

See Center Spread for Ballistics Information

SST®-ML™ SPEED SABOT®

Pre-load pellets onto the Hornady® SST®-ML™ Speed Sabot® for a convenient, fumble-free method of loading and reloading your muzzleloader.

When compared to other easy load alternatives, the Lock-N-Load® Speed Sabot® flies flatter, hits harder and expands better. Even before it leaves the barrel, the sabot Hornady® SST®-ML™ outperforms PowerBelt® by engaging the rifling better and delivering the kind of accuracy you expect from your inline muzzleloader.



CALIBER/TYPE	DIA.	WEIGHT	B.C.	S.D.	ITEM NO.	BOX COUNT
50 Cal. Speed Sabot®	.452"	250 gr.	.210	.175	67270	10
50 Cal. Speed Sabot®	.452"	300 gr.	.250	.210	67271	10

See Center Spread for Ballistics Information

SST®-ML™ LOW DRAG SABOT

The SST®-ML™ is a phenomenal muzzleloading option and an excellent choice for long range blackpowder hunters.

Other "easy-load" bullets often fail to properly engage the rifling, which does not effectively stabilize the bullet and, as a result, accuracy suffers. But Hornady® sabots fully engage the rifling to keep the SST®-ML™ 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 bullet, causing the bullet to expand.



CALIBER/TYPE	DIA.	WEIGHT	B.C.	S.D.	ITEM NO.	BOX COUNT
45 Cal. SST®-ML™	.400"	200 gr.	.265	.179	67132	20
50 Cal. SST®-ML™	.452"	250 gr.	.210	.175	67273	20
50 Cal. SST®-ML™	.452"	300 gr.	.250	.210	67263	20

See Center Spread for Ballistics Information

XTP® AND XTP® MAG™ LOW DRAG SABOT

The Hornady® XTP® MAG™ in 240 and 300 grain, with black sabot, are specially designed for hunting with today's high-performance inline muzzleloading rifles. The heavy-duty construction of the XTP® MAG™ delivers pinpoint accuracy and controlled expansion at the high velocities produced by 150 grain loads. Combine the XTP® MAG™ with a black sabot, and you have black powder power and accuracy.



If you have a more traditional muzzleloader, you can get a huge boost in performance with our Hornady® green sabots. Load up to 100 grains of powder or equivalent and get the same benefit — accuracy and extreme terminal performance!

CALIBER/TYPE	DIA.	WEIGHT	B.C.	S.D.	ITEM NO.	BOX COUNT
50 Cal. XTP®	.430"	240 gr.	.205	.185	6720	20
50 Cal. XTP® MAG™	.452"	240 gr.	.160	.168	6727	20
50 Cal. XTP® MAG™	.452"	300 gr.	.200	.210	6726	20

See Center Spread for Ballistics Information

Muzzleloading.....Smoke 'Em!

HORNADY® ROUND BALLS

You can count on Hornady® round balls to be completely uniform in size, weight, and roundness. Cold swaging from pure lead eliminates air pockets and voids that are common in cast balls. And the smoother, rounder surface of a Hornady® round ball assures better rotation for consistent accuracy. It's our strict production procedures that give Hornady® round balls the unsurpassed uniformity demanded by the world's best shooters.



CALIBER	ITEM #	COUNT
.310 (32 cal.)	6000	100
.315 (32 cal.)	6003	100
.350 (36 cal.)	6010	100
.375 (36 cal.)	6020	100
.395 (40 cal.)	6025	100
.433 (44 cal.)	6030	100
.440 (45 cal.)	6040	100
.445 (45 cal.)	6050	100
.451 (44 cal.)	6060	100

CALIBER	ITEM #	COUNT
.454 (44 cal.)	6070	100
.457 (45 cal.)	6080	100
.480 (50 cal.)	6088	100
.490 (50 cal.)	6090	100
.495 (50 cal.)	6093	100
.520 (54 cal.)	6095	100
.530 (54 cal.)	6100	100
.535 (54 cal.)	6110	100
.570 (58 cal.)	6120	50

HARD BALLS & PLASTIC PATCH

Hard balls are created with the same exacting precision as our cold-swaged round balls. But they are too hard to load with a conventional cloth patch, so we designed a special plastic patch that makes them fly true to target every time, plus they're easy to load. For 50 cal. muzzleloaders.

No. 6950



ONE SHOT® MUZZLELOADER CLEANER & PROTECTANT

This cleaner and anti-corrosion compound dissolves carbon fouling without marring stock finishes or plastics. It's also a great between-shot patch pre-treatment solution.

No. 6692



RAMROD TIPS

Our muzzleloading ramrod tips are specially designed to protect the tip of Hornady SST®-ML™, MonoFlex® ML™, and FPB® bullets. These ramrod tips eliminate damage to the ogive while seating the bullet.

DESCRIPTION	CALIBER	ITEM NO.
SST®/FPB®/MonoFlex® Ramrod Tip	45	6679
SST®/FPB®/MonoFlex® Ramrod Tip	50	6684

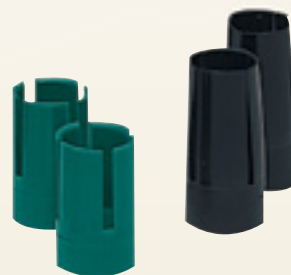


SABOTS

The same self-lubricating sabots we load with our XTP® bullets. Sabots come complete with instructions and recommended bullets.

.50/.430 Caliber (green) No. 6750

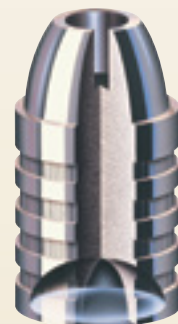
.50/.452 High Velocity (black) No. 6751



GREAT PLAINS® BULLETS

The Great Plains® bullet features a grooved, hollow point for controlled expansion. The bearing surface has three diameters to ensure optimum contact area, a snug fit for unmatched bullet performance, stability, and accuracy in flight.

The bullet's specially knurled grooves are pre-lubed with Hornady® Great Plains® all natural lube for easier loading and cleaner firing. Each Great Plains® bullet is cold swaged for optimum consistency and has a bore diameter base that makes the bullet easy to align with the barrel, while still maintaining a tight fit.



CALIBER	BULLET	ITEM #	COUNT
50	385 gr. Hollow Base Hollow Point	6620	20
54	425 gr. Hollow Base Hollow Point	6630	20

PA CONICAL BULLETS

For those who want to use 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.

CALIBER	BULLET	ITEM #	COUNT
50	240 gr. PA Conical	6617	50



BLACK POWDER EZ-LOADER

The Hornady® Blackpowder EZ-Loader makes bullets "straighten up and fly right" in muzzleloaders without a false muzzle. This handy guide helps seat FPB® projectiles so they start straight in the barrel. Put the EZ-Loader on the end of your muzzle, add the bullet, and start it with your ball starter or ramrod.

No. 6688



ONE SHOT® MUZZLELOADER MULTI-LUBE

This all natural product prevents breech plugs from seizing by keeping fouling soft. It makes a great patch lube when shooting lead round balls and will protect your muzzleloader, knife, and metal gear in extreme weather conditions.

No. 6691





Bullets

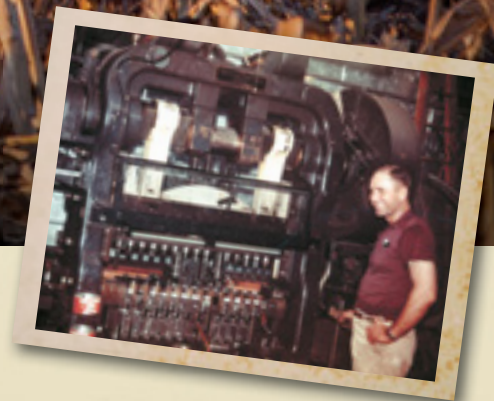


..... Accurate. Deadly. Dependable.®



Hornady® triggered a wave of innovation when our first bullet was created in 1949.

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. Hornady® has become synonymous with success — in the field and on the firing line — in all conditions and environments. Letters and photos have poured in from every corner of the globe, detailing how an average hunt became a memory that will last forever thanks to Hornady® bullets. Our success depends upon your success, so please keep the stories coming. It's nice to know you're out there, putting Hornady® innovation to the test.



Founder, J.W. Hornady, in the very early days of Hornady® Manufacturing working at his bullet press.



GMX[®]



Hard-hitting and deep-penetrating, the GMX[®] bullet combines monolithic construction with pioneering ballistic design to meet the need for a premium, non-traditional bullet. The mono-metal design of the GMX[®] bullet is crafted from a copper alloy. Harder than solid copper, the copper/zinc alloy has been proven to shoot cleaner, foul less, and deliver consistent, even pressure curves. The tough alloy material routinely retains 95% or more of its original weight and expands up to 1.5 times its original diameter.

Featuring a long, sleek profile with cannelures, the design reduces the bullet's overall bearing surface and drag, while achieving some of the highest ballistic coefficients from monolithic, non-traditional bullets. Initiating expansion upon impact, the hard polymer tip drives into the hollow cavity at the front of the bullet, creating a mushroom-style projectile as it travels through the animal. Fully California compatible and appropriate for use in other areas requiring the use of non-traditional bullets, GMX[®] is ideal for any sized game, from antelope to moose.

Caliber/Type	22 Cal. GMX[®]	22 Cal. GMX[®]	22 Cal. GMX[®]	6mm GMX[®]	25 Cal. GMX[®]	6.5mm GMX[®]	6.8MM/270 Cal. GMX[®]	270 Cal. GMX[®]
Diameter	.224"	.224"	.224"	.243"	.257"	.264"	.277"	.277"
Weight	50 gr.	55 gr.	70 gr.	80 gr.	90 gr.	120 gr.	100 gr.	130 gr.
Ballistic Coef.	.215	.245	.350	.300	.290	.450	.274	.460
Sec. Den.	.142	.157	.199	.194	.195	.246	.186	.242
Item #	22403	22273	2281	24370	25410	26110	27190	27370
Box Count	50	50	50	50	50	50	50	50

Caliber/Type	7mm GMX[®]	30 Cal. GMX[®]	30 Cal. GMX[®]	8mm GMX[®]	338 Cal. GMX[®]	9.3mm GMX[®]	375 Cal. GMX[®]
Diameter	.284"	.308"	.308"	.323"	.338"	.366"	.375"
Weight	139 gr.	150 gr.	165 gr.	180 gr.	185 gr.	250 gr.	250 gr.
Ballistic Coef.	.486	.415	.447	.460	.420	.360	.430
Sec. Den.	.246	.226	.248	.246	.231	.267	.254
Item #	28270	30370	30470	3234	33270	3562	3708
Box Count	50	50	50	50	50	50	50

**30 CAL. 150 GR.
IMPACT VELOCITIES**



3400 fps



2700 fps



2000 fps

1. COPPER ALLOY CONSTRUCTION

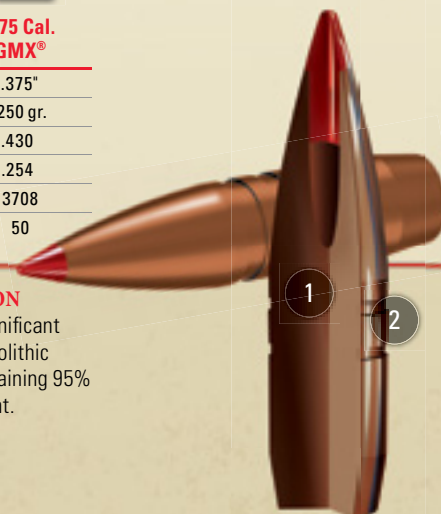
One-piece copper alloy won't separate and delivers devastating terminal performance, deep penetration, and 95% weight retention.

2. CRIMPING CANNELURE AND PRESSURE RELIEVING GROOVES

Reduces both bearing surface and fouling, and aids in consistent reloads.

3. HIGH WEIGHT-RETENTION

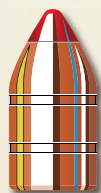
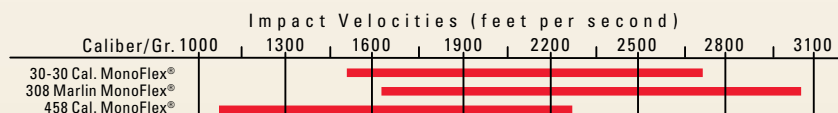
High weight-retention is a significant benefit to the GMX[®] and monolithic family of bullets, routinely retaining 95% or more of their original weight.



MonoFlex® A SOLID option for your lever gun.

By combining the technologies of the GMX® and FTX® bullet design, the new MonoFlex® bullet gives lever gun shooters another option. Constructed of a copper alloy, MonoFlex® bullets offer hunters a solid that won't separate, and when recovered, retains 95% of its original weight. Copper alloy differs from solid copper in that it is harder, tougher and does not foul or increase pressure the way solid copper bullets do.

Upon impact, the patented Flex Tip® design initiates immediate expansion, even at the lower velocities often encountered in mid to long range lever gun shooting situations. Its deep penetration and high weight retention combine to produce yet another accurate, deadly and dependable choice for lever gun hunters.



Caliber/ Type	30 Cal. MonoFlex® (30-30 Win)	30 Cal. MonoFlex® (Marlin Express)	45 Cal. MonoFlex®
Diameter	.308"	.308"	.458"
Weight	140 gr.	140 gr.	250 gr.
Ballistic Coef.	.277	.335	.175
Sec. Den.	.211	.211	.170
Item #	30310	30311	45010
Box Count	50	50	50



Brian McCombie

On a nilgai hunt in South Texas, Brian McCombie's guide told him repeatedly how tough these animals were to bring down, and to fire two, if not three times, when the shot presented itself. But it took just one round of Hornady 300 Win Mag, firing a 150 gr. GMX bullet, to drop all 500 pounds of his very first bull nilgai, shot at 200 yards.

30 CAL. 140 GR. IMPACT VELOCITIES



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



2089 fps
Retained 137.8 gr.
98.4% Wt. Ret.



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



1. PATENTED FLEX TIP® DESIGN

Safe to use in all tubular magazines and initiates expansion, even at lower velocities.

2. COPPER ALLOY CONSTRUCTION

One-piece copper alloy won't separate and delivers devastating terminal performance, deep penetration and 95% weight retention.

3. BALLISTICALLY EFFICIENT SECANT OGIVE PROFILE

Delivers the flattest possible trajectories from lever guns.





InterBond® Proven performance when it counts.



The Hornady® InterBond® bullet uses a proprietary bonding process that holds the core and jacket together. Unlike partitioned or dual-core bullets, where the front core can separate from the bullet mass, the InterBond® bullet holds together in a single destructive mass that delivers a deep, wide wound channel without over-penetrating.

The bonding process, along with a thicker, stiffer jacket, allows InterBond® bullets to retain more than 90% of their mass, even through tough hide and bones. Plus, they immediately expand to more than twice their diameter for maximum energy transfer.



Caliber/ Type	6mm InterBond®	25 Cal. InterBond®	6.5mm InterBond®	270 Cal. InterBond®	270 Cal. InterBond®
Diameter	.243"	.257"	.264"	.277"	.277"
Weight	85 gr.	110 gr.	129 gr.	130 gr.	150 gr.
Ballistic Coef.	.395	.390	.485	.460	.525
Sec. Den.	.206	.238	.264	.242	.279
Item #	24539	25419	26209	27309	27409
Box Count	100	100	100	100	100

30 CAL. 150 GR. IMPACT VELOCITIES



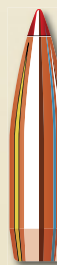
2473 fps
Retained 141 gr.
94% Wt. Ret.
.692" Expanded



2686 fps
Retained 137 gr.
91.3% Wt. Ret.
.717" Expanded



2910 fps
Retained 135 gr.
90% Wt. Ret.
.765" Expanded



Caliber/ Type	7mm InterBond®	7mm InterBond®	30 Cal. InterBond®	30 Cal. InterBond®	30 Cal. InterBond®	338 Cal. InterBond®
Diameter	.284"	.284"	.308"	.308"	.308"	.338"
Weight	139 gr.	154 gr.	150 gr.	165 gr.	180 gr.	225 gr.
Ballistic Coef.	.486	.525	.415	.447	.480	.515
Sec. Den.	.246	.273	.226	.248	.271	.281
Item #	28209	28309	30309	30459	30709	33209
Box Count	100	100	100	100	100	100

1. POLYMER TIP

The sleek polymer tip improves ballistic performance, accuracy and initiation of expansion.

2. BONDED CORE

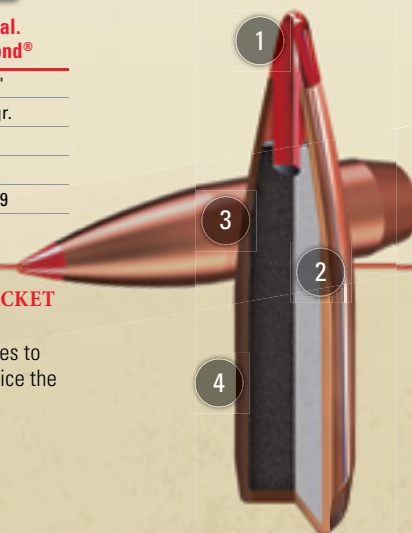
The bonded design ensures that the bullet achieves controlled expansion with virtually no fragmentation and the core will never separate from the jacket.

3. EXPANSION CONTROL RING

Controls expansion to form a large, flat mushroom and a wide wound channel over twice the bullet diameter.

4. THICK, TOUGH JACKET

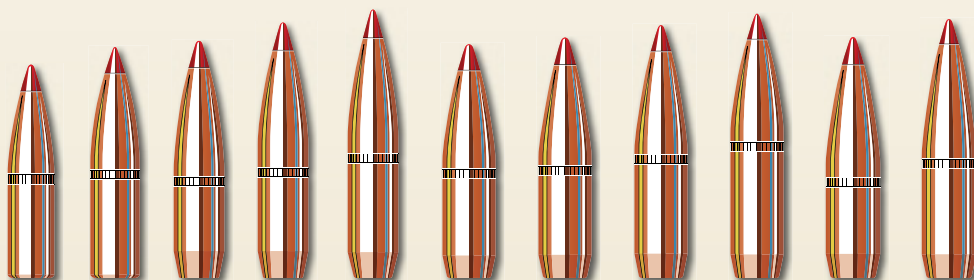
Necessary to retain weight and contributes to expansion of over twice the bullet diameter.



SST®

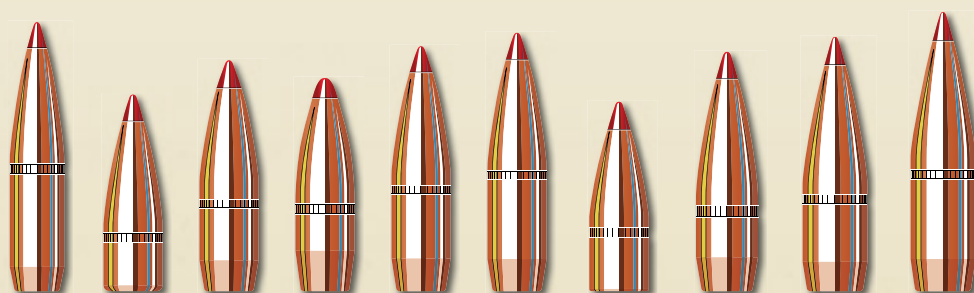
Super Shock Tip

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.



Caliber/Type	6mm SST®	25 Cal. SST®	6.5mm SST®	6.5mm SST®	6.5mm SST®	6.8mm SST®	270 Cal. SST®	270 Cal. SST®	270 Cal. SST®	7mm SST®	7mm SST®
Diameter	.243"	.257"	.264"	.264"	.264"	.277"	.277"	.277"	.277"	.284"	.284"
Weight	95 gr.	117 gr.	123 gr.	129 gr.	140 gr.	120 gr.	130 gr.	140 gr.	150 gr.	139 gr.	154 gr.
Ballistic Coef.	.355	.390	.510	.485	.520	.400	.460	.495	.525	.486	.525
Sec. Den.	.230	.253	.252	.264	.287	.223	.242	.261	.279	.246	.273
Item #	24532	25522	26173	26202	26302	2716	27302	27352	27402	28202	28302
Box Count	100	100	100	100	100	100	100	100	100	100	100

30 CAL. SST® IMPACT VELOCITIES



Caliber/Type	7mm SST®	30 Cal. SST®	30 Cal. SST®	30 Cal. SST® (300 Savage)	30 Cal. SST®	30 Cal. SST®	7.62 x 39 mm SST®	8mm SST®	338 Cal. SST®	338 Cal. SST®
Diameter	.284"	.308"	.308"	.308"	.308"	.308"	.310"	.323"	.338"	.338"
Weight	162 gr.	125 gr.	150 gr.	150 gr.	165 gr.	180 gr.	123 gr.	170 gr.	200 gr.	225 gr.
Ballistic Coef.	.550	.305	.415	.370	.447	.480	.295	.445	.455	.515
Sec. Den.	.287	.188	.226	.226	.248	.271	.183	.233	.250	.281
Item #	28452	3019	30302	30303	30452	30702	3142	3233	33102	33202
Box Count	100	100	100	100	100	100	100	100	100	100

1. POLYMER TIP

The sleek polymer tip increases the ballistic coefficient, making it more efficient. Upon impact, the tip also initiates controlled expansion.

2. SECANT OGIVE, BOATTAIL PROFILE

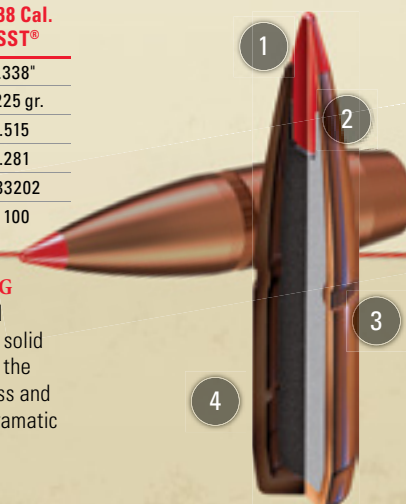
It's a fact: bullets that travel faster hit harder. The Hornady® secant ogive gives hunters the speed, ballistic efficiency and downrange energy they're looking for.

3. CANNELURE

Provides accurate and consistent crimping, and also works with the InterLock® ring to control expansion.

4. INTERLOCK® RING

Ensures the core and jacket remain locked solid during expansion, so the SST® retains the mass and energy needed for dramatic wound channels.





FTX® Rifle *The best thing to happen to lever guns.*



Hornady® FTX® bullets revolutionized lever-gun ballistics, creating a whole new level of performance for these popular firearms. Lever-gun enthusiasts can now harness the accuracy, power and long-range performance of a tipped bullet that's safe to load in tubular magazines.

The patented Flex Tip®, combined with the Hornady® pioneered secant ogive design, creates an aerodynamic bullet with a thinner, tapered front section and extended bearing surface for much higher ballistic coefficients. The FTX® flies faster and flatter than traditional lever-gun bullets, resulting in improved accuracy at ranges well beyond what was historically common.

The high antimony lead core of the FTX® bullet is locked to the jacket with an Interlock® ring, resulting in reliable performance and deep penetration on large or heavy-bodied game animals. Designed to perform at muzzle velocities from 1,600 to 2,600 fps, FTX® bullets are ideal for hunters and shooters looking to give their lever gun new life.

IMPACT VELOCITIES



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



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



44 cal. 225 gr.
1650 fps
82% Wt. Ret.
.610" Expanded

Caliber/ Type	30 Cal. FTX® (30-30)	30 Cal. FTX® (Marlin Express)	32 Cal. FTX® (32 Win)	338 Cal. FTX® (Marlin Express)
Diameter	.308"	.308"	.321"	.338"
Weight	160 gr.	160 gr.	165 gr.	200 gr.
Ballistic Coef.	.330	.395	.310	.430
Sec. Den.	.241	.241	.229	.250
Item #	30395	30396	32005	33104
Box Count	100	100	100	100

Caliber/ Type	348 Cal. FTX®	35 Cal. FTX®	44 Cal. FTX® (444 Marlin)	45 Cal. FTX® (450 Bushmaster)	45 Cal. FTX®
Diameter	.348"	.358"	.430"	.452"	.458"
Weight	200 gr.	200 gr.	265 gr.	250 gr.	325 gr.
Ballistic Coef.	.320	.300	.225	.210	.230
Sec. Den.	.236	.223	.205	.175	.221
Item #	3415	35105	4305	45201	45015
Box Count	100	100	50	50	50

1. PATENTED FLEX TIP® BULLET TECHNOLOGY

Upon impact, the soft tip compresses into the bullet, initiating immediate expansion across a wide range of velocities. Safe to shoot in tubular magazines as well as any other firearm.

2. INTERLOCK® RING

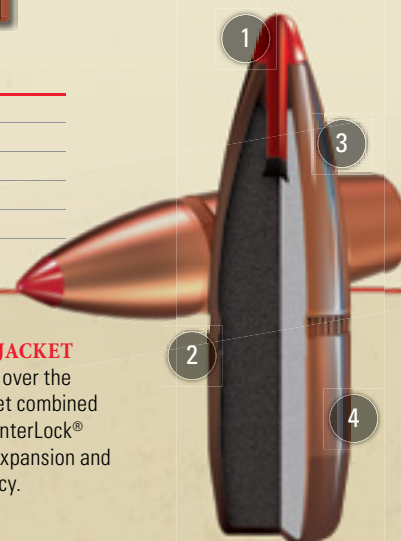
Mechanically locks the core and jacket together for maximum weight retention and deep penetration.

3. BALLISTICALLY EFFICIENT SECANT OGIVE

Pioneered by Hornady®, the secant ogive profile delivers stability, flat trajectories and amazing accuracy.

4. SPECIALLY ENGINEERED JACKET

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



FTX® Handgun.....FTX® technology in the palm of your hand.

Hornady® offers the same Flex Tip® technology for handguns that revolutionized lever guns. Typical hollow point pistol bullets deliver good performance at modest velocities, but have a tendency to expand too quickly and sacrifice penetration at the higher velocities achieved with lever action rifles.

Hornady® FTX® bullets achieve reliable expansion over a wide range of velocities. Upon impact, the patented FTX® tip is compressed into the front of the bullet, causing the bullet to expand and transfer immediate energy for a devastating temporary cavity — even at low velocity.

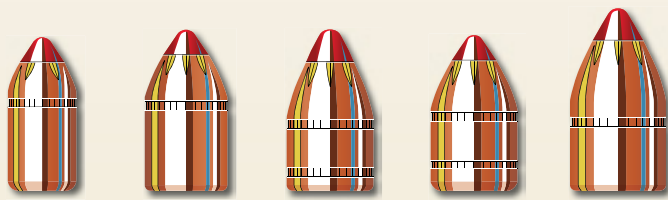
IMPACT VELOCITIES



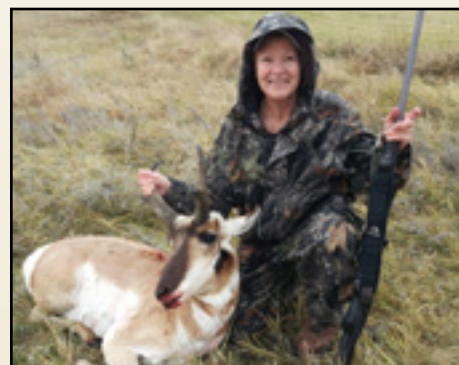
357 cal. 140 gr.
1500 fps
83% Wt. Ret.
.550" Expanded



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

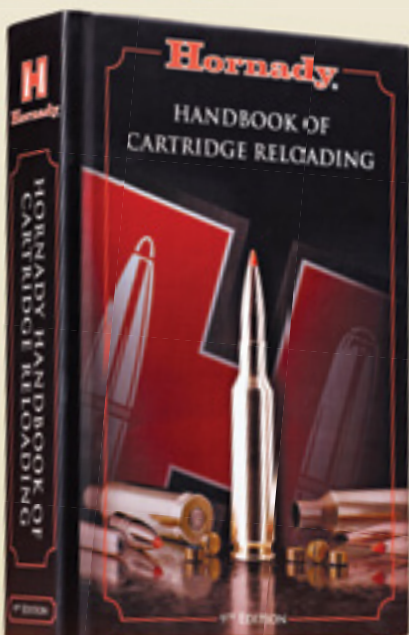


Caliber/ Type	38 Cal. FTX®	44 Cal. FTX®	45 Cal. FTX® (460 S&W)	45 Cal. FTX® (45 Colt)	50 Cal. FTX®
Diameter	.357"	.430"	.452"	.452"	.500"
Weight	140 gr.	225 gr.	200 gr.	225 gr.	300 gr.
Ballistic Coef.	.160	.150	.145	.140	.200
Sec. Den.	.157	.174	.149	.157	.171
Item #	35745	44105	45215	45218	50102
Box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



Terri Zeleski

Terri Zeleski shot her first Wyoming Pronghorn at 269 yards with one shot from her 6.5 Creedmoor using Hornady Superformance ammo with a 120 grain GMX bullet. One shot and the animal turned and ran 20 yards, then cartwheeled to a stop.



HORNADY® HANDBOOK OF CARTRIDGE RELOADING — 9TH EDITION

The 9th Edition Hornady® Handbook of Cartridge Reloading contains over 900 pages of Hornady® reloading data including: FTX®, GMX®, DGS®, DGX® and all the favorites like V-MAX™, InterBond®, SST®, InterLock®, and XTP®.

No. 99239



LEVERevolution® and Superformance® powders are available from Hodgdon.

See more at hodgdon.com.

RELOADING WITH HORNADY® FTX® BULLETS

Reloaders can now benefit from the advantages of Hornady® Flex Tip® technology in their handloads. Our 9th Edition Handbook of Cartridge Reloading includes hundreds of bullets and loads for rifle and handgun cartridges, as well as the latest FTX®, GMX®, and MonoFlex® additions.





V-MAX®







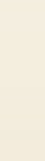
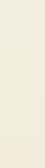
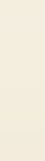

The industry's best varmint bullet.






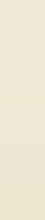
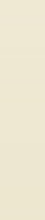



The dramatic fragmentation of the V-MAX® bullet comes from a combination of the gilding metal jacket, specially designed core and polymer tip.

The industry's leading varmint bullet with polymer tip and streamlined design results in flat trajectories. The industry-leading concentricity of the match grade jacket design provides maximum accuracy at all ranges as well as explosive expansion, even at velocities as low as 1600 fps.

V-MAX® bullets are also available in factory-loaded Varmint Express® and Superformance® Varmint™ ammo.

										
Caliber/Type	17 Cal. V-MAX®	17 Cal. V-MAX®	20 Cal. V-MAX®	20 Cal. V-MAX®	22 Cal. V-MAX®	22 Cal. V-MAX®	22 Cal. V-MAX®	22 Cal. V-MAX®	22 Cal. V-MAX®	22 Cal. V-MAX® W/C
Diameter	.172"	.172"	.204"	.204"	.224"	.224"	.224"	.224"	.224"	.224"
Weight	20 gr.	25 gr.	32 gr.	40 gr.	35 gr.	40 gr.	50 gr.	53 gr.	55 gr.	55 gr.
Ballistic Coef.	.185	.230	.210	.275	.109	.200	.242	.290	.255	.255
Sec. Den.	.097	.121	.110	.137	.100	.114	.142	.151	.157	.157
Item #	21710	17105	22004/22406	22006/22606	22252	22241/22416	22261/22616	22265	22271/22716	22272
Box Count	100	100	100/250	100/250	100	100/250	100/250	100	100/250	100

										
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 V-MAX® 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
Item #	22281	22411	22415	22420	22440	22520	22601	22721	22810	23010
Box Count	100	100	100	100	100	100	100	100	100	100

1. POLYMER TIP

The polymer tip increases the ballistic coefficient and also initiates dramatic expansion upon impact – even at velocities as low as 1600 fps.

2. HIGHER BALLISTIC COEFFICIENT

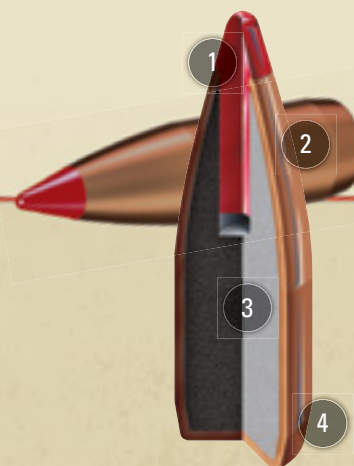
Hornady® combines the sharp, pointed polymer tip with the most aerodynamic profile for a high ballistic coefficient. The V-MAX® profile also provides the maximum bearing surface for added in-flight stability.

3. SWAGED LEAD CORE

The swaging process allows for precise formation of the core up and around the tip, with a cavity under the tip's stem. This allows the tip to build up energy before smashing into the core, causing dramatic fragmentation of the core and jacket.

4. PRECISE BOATTAIL & FLATBASE DESIGNS

Utilizing the proper base design provides incredible in-flight stability for long-range shooting.



NTX® A revolution in varmint bullets.

Hornady® NTX® bullets provide peerless performance with a non-traditional core material that combines accuracy, reliability and Hornady® quality for use in areas with restrictions on the use of traditional bullets.

Hornady® has made lead core bullets since 1949. Lead is, and always will be an excellent core material that provides density and hard-hitting energy to a vast array of bullets. However, there are regulations in some areas that restrict the use of lead in bullets. The NTX® is a phenomenal choice when a non-traditional core bullet is required.

Caliber/ Type	20 Cal. NTX®	22 Cal. NTX®
Diameter	.204"	.224"
Weight	24 gr.	35 gr.
Ballistic Coef.	.170	.177
Sec. Den.	.082	.100
Item #	22000	22240
Box Count	100	100



Traditional Varmint™ Bullets

The Hornady® line of traditional Varmint™ bullets features a streamlined design for flat trajectory. Crafted of pure lead with a match-grade copper jacket these bullets represent the original standard created by Joyce Hornady for classic varmint hunting. Primarily comprised of spire point profiles and flat base designs, the bullets perform extremely well even at low velocities and deliver excellent performance in many classic varmint rifles.

Caliber/ Type	17 Cal. HP	20 Cal. SP	22 Cal. JET	22 Cal. HP BEE	22 Cal. HORNET	22 Cal. SP SX™	22 Cal. SP	22 Cal. SP SX™	22 Cal. SP	22 Cal. SP W/C	22 Cal. SP
Diameter	.172"	.204"	.222"	.224"	.224"	.224"	.224"	.224"	.224"	.224"	.224"
Weight	25 gr.	45 gr.	40 gr.	45 gr.	45 gr.	50 gr.	50 gr.	55 gr.	55 gr.	55 gr.	60 gr.
Ballistic Coef.	.187	.245	.104	.108	.202	.214	.214	.235	.235	.235	.264
Sec. Den.	.121	.155	.116	.128	.128	.142	.142	.157	.157	.157	.171
Item #	1710	22008	2210	2229	2230	2240	2245	2260	2265	2266	2270
Box Count	100	100	100	100	100	100	100	100	100	100	100

Caliber/ Type	22 Cal. HP	22 Cal. SP W/C	6mm SP	6mm BTHP	25 Cal. HP	25 Cal. SP	7mm HP	30 Cal. Short Jacket	30 Cal. SP	30 Cal. SP
Diameter	.224"	.227"	.243"	.243"	.257"	.257"	.284"	.308"	.308"	.308"
Weight	60 gr.	70 gr.	87 gr.	87 gr.	75 gr.	87 gr.	120 gr.	100 gr.	110 gr.	130 gr.
Ballistic Coef.	.271	.296	.327	.376	.257	.290	.334	.152	.256	.295
Sec. Den.	.171	.194	.210	.210	.162	.188	.213	.151	.166	.196
Item #	2275	2280	2440	2442	2520	2530	2815	3005	3010	3020
Box Count	100	100	100	100	100	100	100	100	100	100



InterLock® The bullet that started it all.



Our traditional line of bullets feature exposed lead tips for controlled expansion and hard-hitting terminal performance. Most have our pioneering secant ogive design — one of the most ballistically efficient profiles ever developed (see below). Most feature our exclusive InterLock® design — a raised ring inside the jacket that is embedded in the bullet's core that keeps the core and jacket locked together during expansion to retain mass and energy.



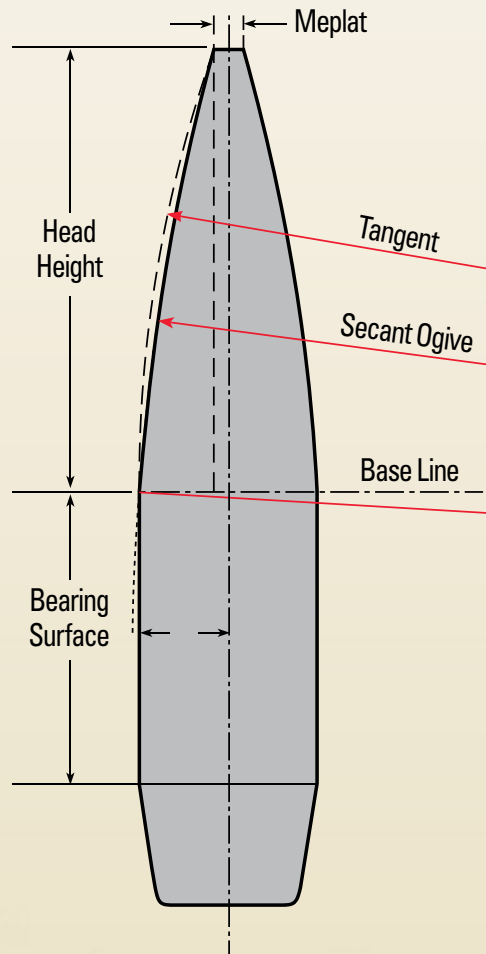
Ike Eastman

We've been shooting Hornady ammunition and Custom loads for years. The Hornady call of, "Accurate. Deadly. Dependable.," rings true each hunting season in the Eastmans' camp. Hornady's performance is the reason they've been in business for three generations, and why our three-generation company is a perfect fit.



Matt Mack

Shot from about 15 yards with the 12 gauge SST shotgun slug, the 300 grain FTX performed flawlessly on this 7½ ft. bear.



30 cal. 150 gr. SP
2700 fps
70% Wt. Ret.
.560" Expanded

30 cal. 190 gr. BTSP
2850 fps
75% Wt. Ret.
.550" Expanded

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.

1. INNER GROOVES

Strategically weaken the upper section of the jacket, ensuring consistent, controlled expansion, even at long range.

2. TAPERED JACKET

Jacket thickness is precisely controlled for expansion at all velocities.

3. ONE-PIECE CORE

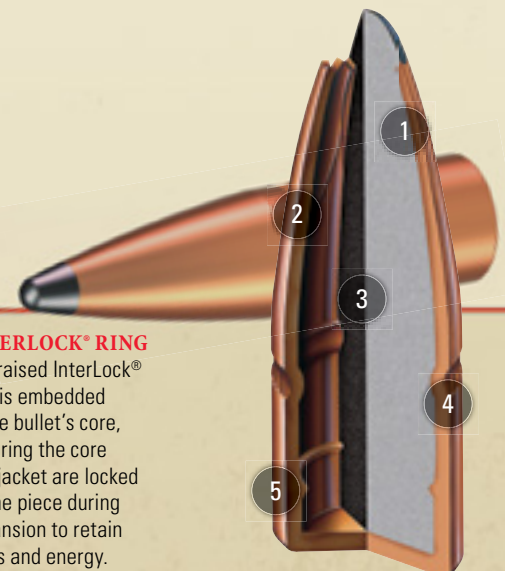
Does not separate like divided cores. The InterLock® retains more mass and energy for deep penetration and large, consistent wound channels that ensure quick, clean kills.

4. CANNELURE

Provides accurate and consistent crimping and also works with InterLock® ring to ensure the core and jacket remain locked during expansion.

5. INTERLOCK® RING

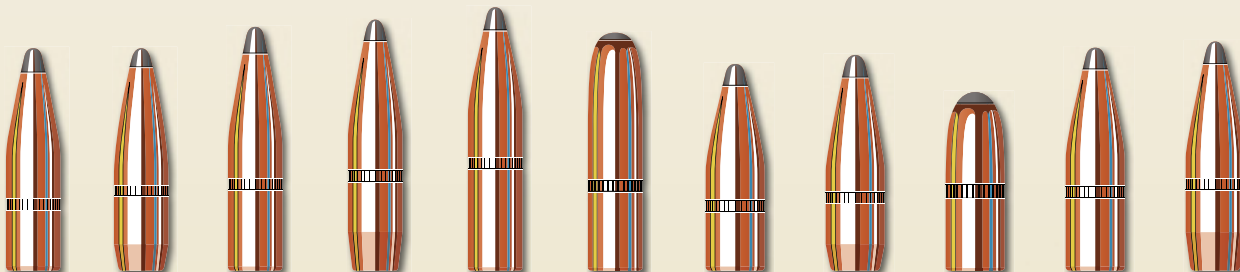
The raised InterLock® ring is embedded in the bullet's core, ensuring the core and jacket are locked in one piece during expansion to retain mass and energy.



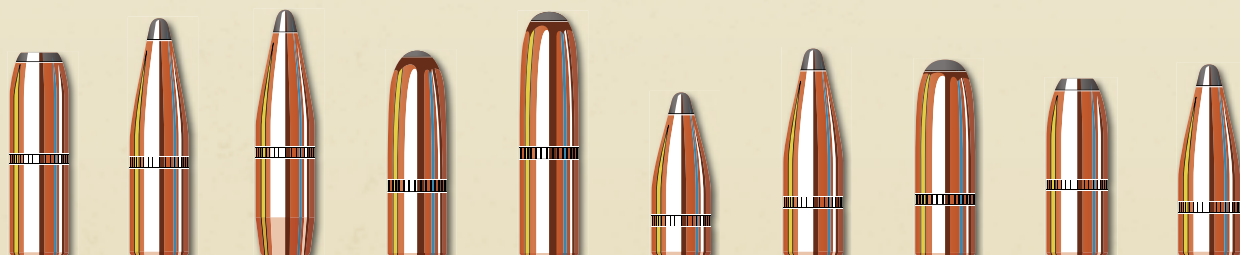
InterLock® *The bullet that started it all.*



Caliber/ Type	6mm BTSP	25 Cal. SP	25 Cal. RN	25 Cal. BTSP	25 Cal. HP	6.5mm SP	6.5mm SP	6.5mm RN	270 Cal. SP	270 Cal. BTSP	270 Cal. SP
Diameter	.243"	.257"	.257"	.257"	.257"	.264"	.264"	.264"	.277"	.277"	.277"
Weight	100 gr.	100 gr.	117 gr.	117 gr.	120 gr.	129 gr.	140 gr.	160 gr.	130 gr.	140 gr.	150 gr.
Ballistic Coef.	.405	.325	.243	.391	.394	.445	.465	.283	.409	.486	.462
Sec. Den.	.242	.216	.253	.253	.260	.264	.287	.328	.242	.261	.279
Item #	2453	2540	2550	2552	2560	2620	2630	2640	2730	2735	2740
Box Count	100	100	100	100	100	100	100	100	100	100	100



Caliber/ Type	7mm SP	7mm BTSP	7mm SP	7mm BTSP	7mm SP	7mm RN	30 Cal. SP	30 Cal. BTSP	30 Cal. RN	30 Cal. SP	30 Cal. BTSP
Diameter	.284"	.284"	.284"	.284"	.284"	.284"	.308"	.308"	.308"	.308"	.308"
Weight	139 gr.	139 gr.	154 gr.	162 gr.	175 gr.	175 gr.	150 gr.	150 gr.	150 gr.	165 gr.	165 gr.
Ballistic Coef.	.392	.453	.433	.514	.462	.285	.338	.349	.186	.387	.435
Sec. Den.	.246	.246	.273	.287	.310	.310	.226	.226	.226	.248	.248
Item #	2820	2825	2830	2845	2850	2855	3031	3033	3035	3040	3045
Box Count	100	100	100	100	100	100	100	100	100	100	100



Caliber/ Type	30 Cal. FP	30 Cal. SP	30 Cal. BTSP	30 Cal. RN	30 Cal. RN	7.62 x 39 mm SP	303 Cal. SP	303 Cal. RN	32 Cal. FP	8mm SP
Diameter	.308"	.308"	.308"	.308"	.308"	.310"	.312"	.312"	.321"	.323"
Weight	170 gr.	180 gr.	180 gr.	180 gr.	220 gr.	123 gr.	150 gr.	174 gr.	170 gr.	150 gr.
Ballistic Coef.	.189	.425	.452	.241	.300	.252	.361	.262	.249	.290
Sec. Den.	.256	.271	.271	.271	.331	.183	.220	.255	.236	.205
Item #	3060	3070	3072	3075	3090	3140	3120	3130	3210	3232
Box Count	100	100	100	100	100	100	100	100	100	100

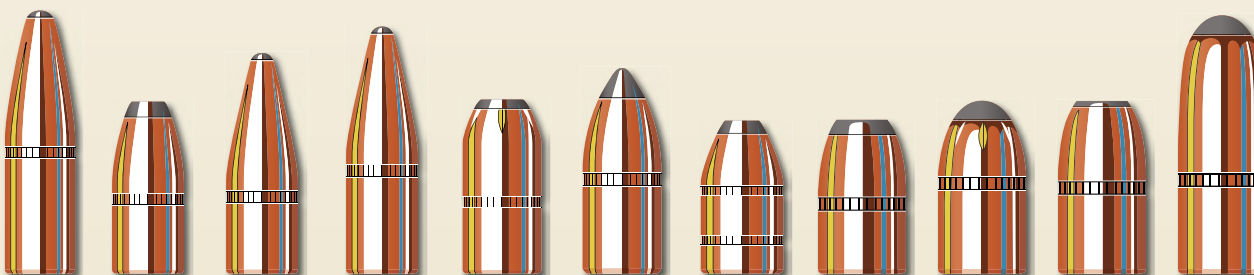
(Continued on page 48)

CS1

InterLock® *The bullet that started it all.*

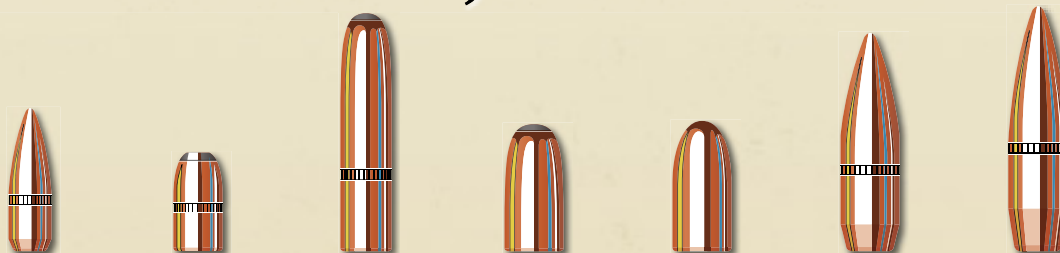


Caliber/ Type	8mm RN	8mm SP	338 Cal. SP-RP	338 Cal. SP-RP	338 Cal. RN	338 Cal. SP-RP	348 Cal. FP	35 Cal. SP-SSP	35 Cal. SP	35 Cal. RN	35 Cal. SP-RP
Diameter	.323"	.323"	.338"	.338"	.338"	.338"	.348"	.358"	.358"	.358"	.358"
Weight	170 gr.	195 gr.	200 gr.	225 gr.	250 gr.	250 gr.	200 gr.	180 gr.	200 gr.	200 gr.	250 gr.
Ballistic Coef.	.217	.410	.361	.397	.291	.431	.246	.248	.282	.195	.375
Sec. Den.	.233	.267	.250	.281	.313	.313	.236	.201	.223	.223	.279
Item #	3235	3236	3310	3320	3330	3335	3410	3505	3510	3515	3520
Box Count	100	100	100	100	100	100	100	100	100	100	100



Caliber/ Type	9.3mm SP-RP	375 Cal. FP	375 Cal. SP-RP	375 Cal. SP-RP	405 Cal. FP	405 Cal. SP	44 Cal. FP	45 Cal. HP	45 Cal. RN	45 Cal. FP	45 Cal. RN
Diameter	.366"	.375"	.375"	.375"	.411"	.411"	.430"	.458"	.458"	.458"	.458"
Weight	286 gr.	220 gr.	225 gr.	270 gr.	300 gr.	300 gr.	265 gr.	300 gr.	350 gr.	350 gr.	500 gr.
Ballistic Coef.	.400	.217	.320	.380	.215	.250	.189	.197	.189	.195	.287
Sec. Den.	.305	.223	.229	.274	.254	.254	.205	.204	.238	.238	.341
Item #	3560	3705	3706	3711	41050	41051	4300	4500	4502	4503	4504
Box Count	50	100	100	50	50	50	100	50	50	50	50

Traditional & FMJ



Caliber/ Type	22 Cal. FMJ-BT W/C	25 Cal. FP	6.5mm RN (Carcano)	30 Cal. RN	30 Cal. FMJ-RN	30 Cal. FMJ-BT	303 Cal. FMJ-BT
Diameter	.224"	.257"	.267"	.308"	.308"	.308"	.311"
Weight	55 gr.	60 gr.	160 gr.	110 gr.	110 gr.	150 gr.	174 gr.
Ballistic Coef.	.243	.101	.275	.150	.178	.398	.470
Sec. Den.	.157	.130	.321	.166	.166	.226	.258
Item #	2267/2267B	2510	2645	3015	3017/3017B	3037/3037B	3131
Box Count	100/6000	100	100	100	100/3000	100/2100	100

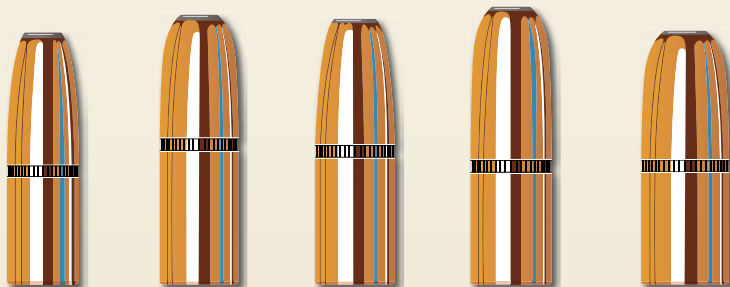


DGX®

Dangerous Game™ eXpanding

In the most dangerous hunting situations, you need a bullet that performs every time, no matter what the circumstance. Hornady® DGX® (Dangerous Game eXpanding) and DGS® (Dangerous Game Solid) bullets are constructed of copper clad steel and a high antimony lead core.

The DGX® bullet incorporates our patented InterLock® feature that locks the core and jacket together, improving retained weight of the expanded bullet. Each caliber utilizes the same profile for both the DGX® and DGS® bullets, offering uniformity, which is ideal when shooting both bullet types through the same firearm.



Caliber/ Type	375 Cal. DGX®	400 Cal. DGX®	416 Cal. DGX®	423 Cal. DGX®	45 Cal. DGX® (450 Nitro Express 3¼")
Diameter	.375"	.410"	.416"	.423"	.458"
Weight	300 gr.	400 gr.	400 gr.	400 gr.	480 gr.
Ballistic Coef.	.275	.325	.319	.315	.285
Sec. Den.	.305	.340	.330	.319	.327
Item #	3721	4104	4169	4240	45032
Box Count	50	50	50	50	50

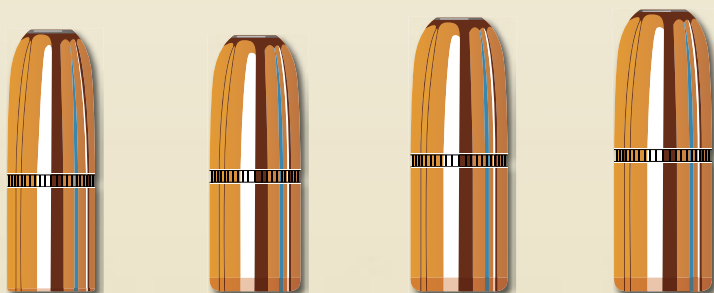


The DGX® bullet features a flat meplat for straight penetration, maximum energy transfer and devastating results.



Luke Hartle

"Since I'm not a big fan of running, there's nothing more important than a bullet that puts dangerous game in the dirt on the first shot, and I stood my ground with the DGX." Featured in the photo is an 1,800 lb. water buffalo from Australia taken with 416 Cal. 416 400 gr. DGX bullet.



Caliber/ Type	45 Cal. DGX®	470 Cal. DGX®	50 Cal. DGX® (505 Gibbs)	50 Cal. DGX®
Diameter	.458"	.474"	.505"	.510"
Weight	500 gr.	500 gr.	525 gr.	570 gr.
Ballistic Coef.	.295	.290	.270	.295
Sec. Den.	.341	.316	.294	.313
Item #	4505	4747	5050	5150
Box Count	50	50	50	50

1. FLAT NOSE

The flat nose aids in expansion and straight penetration, reducing possible deflections.

2. SERRATED NOSE SECTION

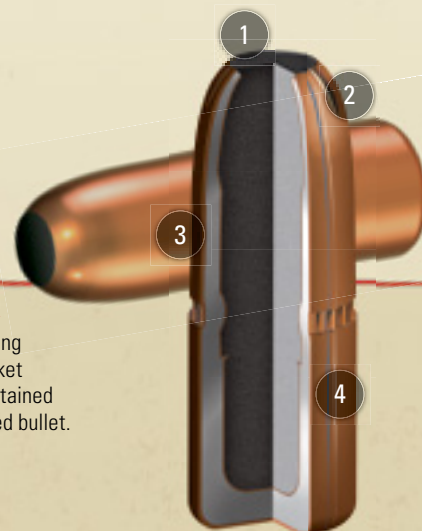
The serrated nose section of the jacket and the sidewall thickness profile give the ultimate combination of controlled expansion, weight retention and depth of penetration.

3. COPPER CLAD STEEL JACKET

The heavy copper clad steel jacket is 0.098" thick and penetrates deeply through hide, muscle and bone.

4. INTERLOCK® RING

Patented InterLock® ring locks the core and jacket together, improving retained weight of the expanded bullet.



DGS® Dangerous Game™ Solid

An aggressive, hard-hitting bullet with an attitude to match, Hornady® DGS® bullets feature an advanced profile built of the toughest materials that penetrate through thick hide, dense muscle and hard bone — delivering maximum stopping power.

The business end of the DGS® bullet features a wide, flat nose that delivers maximum energy upon impact, while resisting bullet deformation and deflection. Incorporating a very hard high-antimony lead core with a copper-clad steel jacket, this bullet maintains integrity and overall weight retention when driving through even the toughest hide and bone. Uniform in shape and size to the DGX® (Dangerous Game Expanding) bullet, you can reliably and accurately shoot both from the same firearm with little to no shift in point of aim or impact.



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

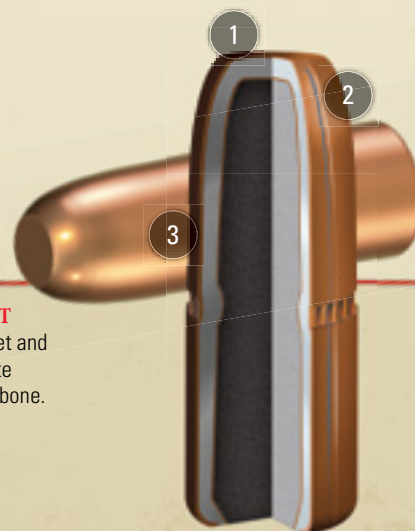
Caliber/ Type	9.3mm DGS®	375 Cal. DGS®	400 Cal. DGS®	416 Cal. DGS®	423 Cal. DGS®
Diameter	.366"	.375"	.410"	.416"	.423"
Weight	300 gr.	300 gr.	400 gr.	400 gr.	400 gr.
Ballistic Coef.	.280	.275	.325	.319	.315
Sec. Den.	.320	.305	.340	.330	.319
Item #	3565	3727	4103	4167	4241
Box Count	50	50	50	50	50



Molly Millis Hedgecock

Molly used the Hornady 375 300 gr. DGS on this buffalo. She says, "Your ammo continues to work fantastic for me and now for my daughter, who used the 375 300 gr. DGX for two lions. She will be hunting long after me, so I am glad to have introduced her to Hornady."

Caliber/ Type	45 Cal. DGS® (450 Nitro Express 3¼")	45 Cal. DGS®	470 Cal. DGS®	50 Cal. DGS® (505 Gibbs)	50 Cal. DGS®
Diameter	.458"	.458"	.474"	.505"	.510"
Weight	480 gr.	500 gr.	500 gr.	525 gr.	570 gr.
Ballistic Coef.	.285	.295	.290	.270	.295
Sec. Den.	.327	.341	.316	.294	.313
Item #	45033	4507	4748	5051	5155
Box Count	50	50	50	50	50



1. FLAT NOSE

The flat nose eliminates possible deflections and resists deformation to achieve straight, deep penetration. The DGS® provides the perfect follow-up bullet when hunting dangerous game.

2. DGX®/DGS® UNIFORMITY

Each caliber utilizes the same profile for both the DGS® and DGX® bullets, offering the ultimate uniformity, which is ideal when shooting both bullet types through the same firearm.

3. COPPER CLAD STEEL JACKET

The heavy copper clad steel jacket and high antimony lead core penetrate deeply through hide, muscle and bone.



MatchTM

..... A new era in match bullet performance has arrived.



All Hornady® Match™ and A-MAX® bullets now feature revolutionary AMP™ (Advanced Manufacturing Process) bullet jackets. Developed by Hornady® engineers, these bullet jackets are a technological advancement in design, tooling and manufacturing that combine to produce the most consistently concentric bullet jackets available. These proven AMP™ jackets are the foundation for exceptional bullet accuracy and have virtually zero runout and near zero wall thickness variation. Coupled with precision swaged cores and manufactured to the tightest standards in the industry, all Hornady® Match™ and A-MAX® bullets provide superior consistency, high ballistic coefficients and unprecedented levels of accuracy.

FEATURING
AMP
Advanced Manufacturing Process
BULLET JACKETS

NEW!

Caliber/ Type	22 Cal. BTHP Match™	22 Cal. HP Match™	22 Cal. BTHP Match™	22 Cal. BTHP Match™	6mm BTHP Match™	6.5mm BTHP Match™	6.8mm BTHP W/C	7mm BTHP Match™	30 Cal. BTHP Match™	30 Cal. BTHP Match™
Diameter	.224"	.224"	.224"	.224"	.243"	.264"	.277"	.284"	.308"	.308"
Weight	52 gr.	53 gr.	68 gr.	75 gr.	105 gr.	140 gr.	110 gr.	162 gr.	155 gr.	168 gr.
Ballistic Coef.	.229	.218	.355	.395	.530	.580	.360	.610	.405	.450
Sec. Den.	.148	.151	.194	.214	.254	.287	.205	.287	.233	.253
Item #	2249	2250	2278/22785	2279/22796	2458/24585	26335/263355	27200	28405	3039	30501/305015
Box Count	100	100	100/500	100/600	100/500	100/500	100	100	100	100/500

Caliber/ Type	30 Cal. BTHP Match™	30 Cal. BTHP Match™	30 Cal. BTHP Match™	30 Cal. BTHP Match™	8mm BTHP Match™	338 Cal. BTHP Match™	338 Cal. BTHP Match™	416 Cal. BTHP Match™
Diameter	.308"	.308"	.308"	.308"	.323"	.338"	.338"	.416"
Weight	178 gr.	195 gr.	208 gr.	225 gr.	196 gr.	250 gr.	285 gr.	450 gr.
Ballistic Coef.	.530	.550	.620	.670	.525	.670	.756	.720
Sec. Den.	.268	.294	.313	.339	.268	.313	.356	.371
Item #	30715	3095	30733	30903	3237	33361	3339	41691
Box Count	100	100	100	100	100	50	50	50

1. SECANT OGIVE PROFILE

The geometric profile works to produce low drag and flatter trajectories. The secant ogive design also provides the optimum bearing surface for stability in flight and the best ballistic coefficient possible.

2. SWAGED LEAD CORE

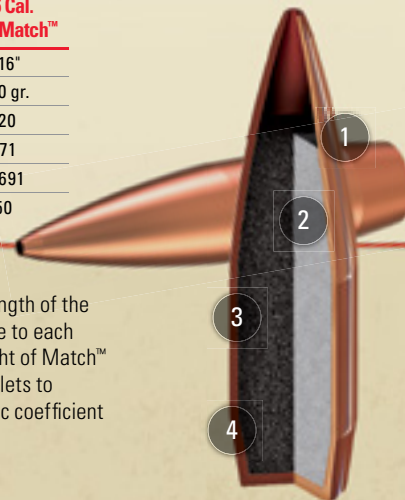
The swaging process provides excellent uniformity and balance for consistent performance and accuracy.

3. AMP™ JACKET

The jacket has virtually zero runout and near zero wall thickness variation.

4. BOATTAIL

The angle and length of the boattail is unique to each caliber and weight of Match™ and A-MAX® bullets to maximize ballistic coefficient and accuracy.



A-MAX® Engineered for extreme accuracy.

It's a fact: The Hornady® A-MAX® bullet design grew from a relentless application of everything we know about ballistics and flight characteristics. After all, match shooters demand perfection from their bullets every time they step on the range.

The aerodynamic secant ogive profile, the sharp pointed tip and the unequalled concentricity of the A-MAX® design give it an extremely high ballistic coefficient for near perfection in flight.

The A-MAX® bullet is the ultimate result of more than half a century of studying bullet performance. Every aspect of accuracy has been designed into the A-MAX® bullet. From its polymer tip to the angle of the boattail, the A-MAX® bullet is engineered for extreme accuracy.



Caliber/ Type	22 Cal. A-MAX®	22 Cal. A-MAX®	22 Cal. A-MAX®	6mm A-MAX®	6.5mm A-MAX®	6.5mm A-MAX®	6.5mm A-MAX®
Diameter	.224"	.224"	.224"	.243"	.264"	.264"	.264"
Weight	52 gr.	75 gr.	80 gr.	105 gr.	100 gr.	120 gr.	123 gr.
Ballistic Coef.	.247	.435	.453	.500	.390	.465	.510
Sec. Den.	.148	.214	.228	.254	.205	.246	.252
Item #	22492	22792/227926	22832/228326	24562	26101	26172	26171
Box Count	100	100/600	100/600	100	100	100	100

Caliber/ Type	6.5mm A-MAX®	7mm A-MAX®	30 Cal. A-MAX®	30 Cal. A-MAX®	30 Cal. A-MAX®	30 Cal. A-MAX®	338 Cal. A-MAX®	50 Cal. A-MAX®
Diameter	.264"	.284"	.308"	.308"	.308"	.308"	.338"	.510"
Weight	140 gr.	162 gr.	155 gr.	168 gr.	178 gr.	208 gr.	285 gr.	750 gr.
Ballistic Coef.	.585	.625	.435	.475	.495	.648	.778	1.050
Sec. Den.	.287	.287	.233	.253	.268	.313	.356	.412
Item #	26332	28402	30312	30502/305026	30712	30732	3338	5165
Box Count	100	100	100	100/250	100	100	50	20

1. ULTRA LOW-DRAG TIP 2. SECANT OGIVE PROFILE

The low-drag and uniform point raises the ballistic coefficient and precisely balances the center of pressure relative to the center of gravity in order to achieve optimal in-flight stability.

The geometric profile works to produce low drag and flatter trajectories. The secant ogive design also provides the optimum bearing surface for stability in flight and the best ballistic coefficient possible.

3. SWAGED LEAD CORE

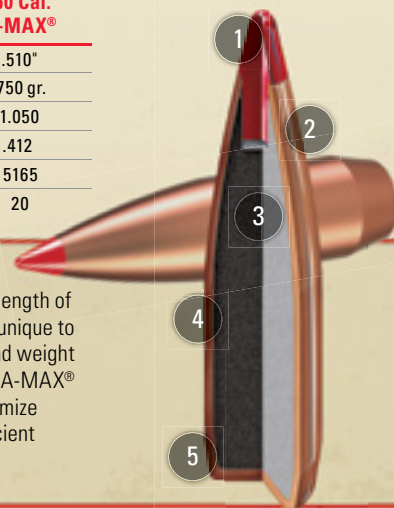
The swaging process provides excellent uniformity and balance for consistent performance and accuracy.

4. AMP™ JACKET

The jacket has virtually zero tolerance for concentricity and near zero wall thickness variation.

5. BOATTAIL

The angle and length of the boattail is unique to each caliber and weight of Match™ and A-MAX® bullets to maximize ballistic coefficient and accuracy.





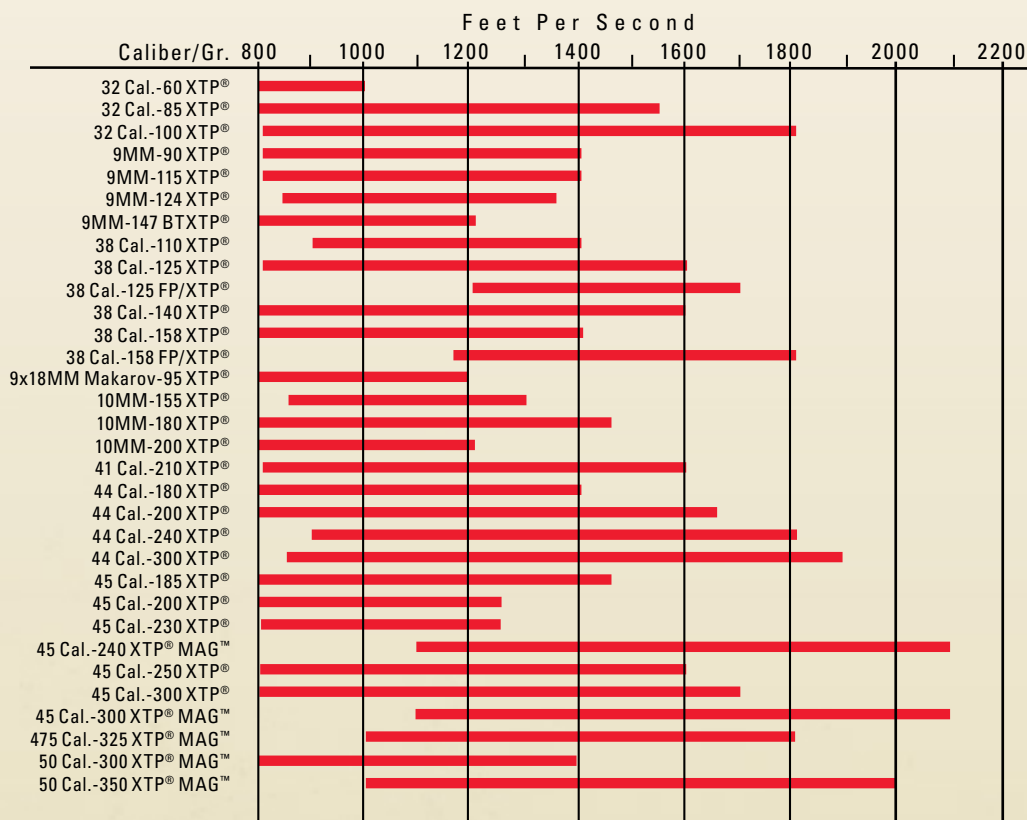
XTP® & XTP® Mag™ eXtreme Terminal Performance



Designed for hunting, self-defense and law enforcement applications, the XTP® bullet demonstrates the kind of accuracy that led many competitive shooters to adopt it. Its reliable performance makes the XTP® the most popular handgun bullet for both target shooters and hunters. But it's the stopping power of the XTP® bullet that has truly built its world-class reputation. From the onset, XTP® bullets were specifically designed to expand reliably at a wide range of handgun velocities to deliver deep penetration with every shot.

Most handgun bullets are designed to perform at a single factory-specified velocity. The XTP® offers controlled expansion over a range of velocities. This chart illustrates the wide range at which each XTP® will perform.

Impact Velocity Performance



IMPACT VELOCITIES



.45 CALIBER XTP® MAG™
240 gr.
1852 fps



.45 CALIBER XTP®
250 gr.
1579 fps



.45 CALIBER XTP®
300 gr.
1404 fps



Daniel Quick

Daniel Quick of Alliance, Nebraska, shot this whitetail with a Savage 270 using Hornady 130 gr. SST.

1. CONTROLLED EXPANSION

Precise serrations divide the XTP® into symmetrical sections, strategically weakening the jacket and initiating controlled expansion even at low velocities.

2. NO EXPOSED LEAD

The gilding metal jacket protects the nose of the bullet, so the hollow cavity functions properly on impact and ensures proper feeding in semi-automatics.

3. SWAGED CORE

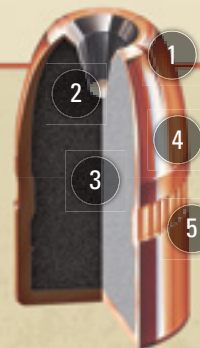
Total uniformity of core density ensures balanced expansion as well as in-flight stability.

4. DRAWN GILDING METAL JACKET

Expansion is controlled by varying jacket thickness down the length of the XTP®, providing a definite advantage over plated bullets which have a uniform jacket thickness over the entire bullet.










5. CANNELURE


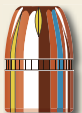
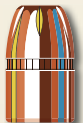
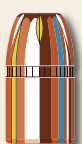
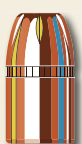
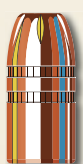



On revolver bullets, the cannelure helps achieve accurate, consistent crimping. All cannelures are applied before the final forming process to eliminate any distortion to the finished bullet.






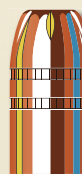





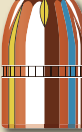
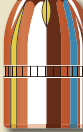

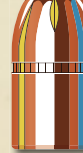



hornady.com

XTP® & XTP® Mag™ eXtreme Terminal Performance

									
Caliber/Type	30 Cal. XTP®	32 Cal. XTP®	32 Cal. XTP®	32 Cal. XTP®	9mm XTP®	9mm XTP®	9mm XTP®	9mm XTP®	38 Cal. XTP®
Diameter	.309"	.311"	.312"	.312"	.355"	.355"	.355"	.355"	.357"
Weight	90 gr.	60 gr.	85 gr.	100 gr.	90 gr.	115 gr.	124 gr.	147 gr.	110 gr.
Ballistic Coef.	.115	.090	.145	.170	.099	.129	.165	.212	.131
Sec. Den.	.136	.088	.125	.147	.102	.130	.141	.167	.123
Item #	31000	32010	32050	32070	35500	35540	35571	35580	35700
Box Count	100	100	100	100	100	100	100	100	100

									
Caliber/Type	38 Cal. XTP®	38 Cal. FP-XTP®	38 Cal. XTP®	38 Cal. XTP®	38 Cal. FP-XTP®	38 Cal. XTP®	9 x 18mm Makarov XTP®	10mm XTP®	10mm XTP®
Diameter	.357"	.357"	.357"	.357"	.357"	.357"	.365"	.400"	.400"
Weight	125 gr.	125 gr.	140 gr.	158 gr.	158 gr.	180 gr.	95 gr.	155 gr.	180 gr.
Ballistic Coef.	.151	.148	.169	.206	.199	.230	.127	.137	.164
Sec. Den.	.140	.140	.157	.177	.177	.202	.102	.138	.161
Item #	35710	35730	35740	35750	35780	35771	36500	40000	40040
Box Count	100	100	100	100	100	100	100	100	100

								
Caliber/Type	10mm XTP®	41 Cal. XTP®	44 Cal. XTP®	44 Cal. XTP®	44 Cal. XTP®	44 Cal. XTP®	45 Cal. XTP®	45 Cal. XTP®
Diameter	.400"	.410"	.430"	.430"	.430"	.430"	.451"	.451"
Weight	200 gr.	210 gr.	180 gr.	200 gr.	240 gr.	300 gr.	185 gr.	200 gr.
Ballistic Coef.	.199	.182	.138	.170	.205	.245	.139	.151
Sec. Den.	.179	.178	.139	.155	.185	.232	.130	.140
Item #	40060	41000	44050	44100	44200	44280	45100	45140
Box Count	100	100	100	100	100	50	100	100

								
Caliber/Type	45 Cal. XTP®	45 Cal. XTP® Mag	45 Cal. XTP®	45 Cal. XTP®	45 Cal. XTP® Mag	475 Cal. XTP® Mag	50 Cal. XTP® Mag	50 Cal. XTP® Mag
Diameter	.451"	.452"	.452"	.452"	.452"	.475"	.500"	.500"
Weight	230 gr.	240 gr.	250 gr.	300 gr.	300 gr.	325 gr.	300 gr.	350 gr.
Ballistic Coef.	.188	.160	.146	.180	.200	.150	.120	.145
Sec. Den.	.162	.168	.175	.210	.210	.206	.171	.200
Item #	45160	45220	45200	45230	45235	47500	50101	50100
Box Count	100	100	100	50	50	50	50	50



FMJ & HAP® *The difference between competing and dominating.*

FMJ handgun bullets

Full metal jacket handgun bullets have long served as a standard for target shooting applications. Hornady® FMJs are built with a rugged jacket unlike those of so many of our competitors – 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	10mm FMJ-FP	45 Cal. SWC Target	45 Cal. FMJ-C/T	45 Cal. FMJ-RN
Diameter	.355"	.355"	.355"	.355"	.400"	.400"	.451"	.451"	.451"
Weight	100 gr.	115 gr.	124 gr.	147 gr.	180 gr.	200 gr.	185 gr.	200 gr.	230 gr.
Ballistic Coef.	.115	.140	.145	.212	.188	.182	.068	.115	.184
Sec. Den.	.113	.130	.141	.167	.161	.179	.130	.140	.162
Item #	35527B	35557/3557B	355771/35577B	35597B	400471	40077B	45137	45157B	45177/451771
Box Count	3500	100/3000	500/2900	2500	500	1900	100	1700	100/500

HAP® (Hornady® Action Pistol) bullets

Gain the competitive edge with Hornady® HAP® pistol bullets. Modeled after the legendary XTP® bullet design, HAP® bullets are further refined into the perfect competition projectile. While XTP® bullets use serrations to aid in controlled expansion and terminal performance, we have eliminated these from HAP® bullets, creating a sleek and balanced projectile with a protected nose that aids in consistent and reliable feeding in auto loading pistols. Bullet jackets, featuring industry leading concentricity combined with precision swaged cores, deliver the very best in accuracy and performance.

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 #	35528B	355721/35572B	400421/40042B	40061B	45105B	45159B	451611/45161B
Box Count	3000	500/3000	500/1900	1800	1900	1800	500/1500

1. BUILT FOR COMPETITION

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.

2. NO EXPOSED LEAD

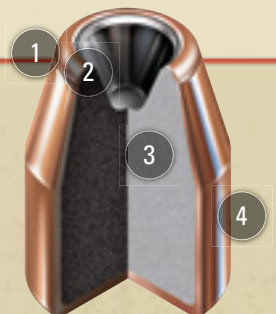
A jam can cost the match for a competitive shooter, and that's why our gilding metal jacket protects the nose of our HAP® bullet.

3. SWAGED CORE

The core of the HAP® bullet is cold swaged from pure lead to deliver consistency, balance and stability in flight. It delivers pinpoint accuracy with every shot.

4. GILDING METAL JACKET

The gilding metal jacket protects the nose and ensures smooth feeding.



Lead & Traditional Pistol.....

Lead pistol bullets

Hornady® lead pistol bullets are pre-lubricated and cold-swaged for total uniformity and balance. Our exclusive knurling system retains lubricant over the entire bearing surface to reduce leading in your barrel.

For cowboy shooters, authenticity is a strict requirement. That's why we build our Cowboy™ bullets to SASS (Single Action Shooting Society) specifications hold them to the same stringent production standards as all our products.



Caliber/ Type	38 Cal. COWBOY™	38 Cal. HBWC	38 Cal. SWC	38 Cal. SWC-HP
Diameter	.358"	.358"	.358"	.358"
Weight	140 gr.	148 gr.	158 gr.	158 gr.
Ballistic Coef.	.127	.047	.135	.139
Sec. Den.	.157	.165	.176	.176
Item #	10078	10208	10408	10428
Box Count	350	250	300	300



Caliber/ Type	38 Cal. LRN	44 Cal. COWBOY™	44 Cal. SWC	44 Cal. SWC-HP	45 Cal. SWC	45 Cal. LEAD C/T	45 Cal. LRN	45 Cal. FP COWBOY™
Diameter	.358"	.430"	.430"	.430"	.452"	.452"	.452"	.454"
Weight	158 gr.	180 gr.	240 gr.	240 gr.	200 gr.	200 gr.	230 gr.	255 gr.
Ballistic Coef.	.159	.114	.182	.204	.070	.081	.207	.117
Sec. Den.	.176	.139	.185	.185	.140	.140	.162	.177
Item #	10508	11058	11108	11118	12108	12208	12308	12458
Box Count	300	250	200	200	200	200	200	200

LEGEND

HBWC: Hollow Base Wadcutter **LEAD C/T:** Lead Combat Target **LRN:** Lead Round Nose
SWC: Semi-Wadcutter **SWC HP:** Semi-Wadcutter Hollow Point

Traditional pistol bullets

Designed around the original standard for classic pistol bullets, the Hornady line of Traditional Pistol bullets exemplify the vintage design and performance created by our founder, Joyce Hornady. Built with our high antimony lead cores and match grade jackets, these bullets perform reliably in the classic firearms for which they are chambered, delivering the accuracy you have come to expect from Hornady.



Caliber/ Type	30 Cal. RN	50 Cal. FP
Diameter	.308"	.500"
Weight	86 gr.	500 gr.
Ballistic Coef.	.105	.185
Sec. Den.	.130	.286
Item #	3100	50105
Box Count	100	50

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

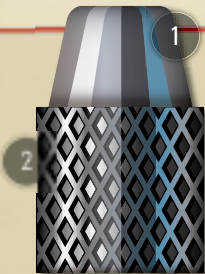
22 Cal.....#7010	270 Cal.....#7050	338 Cal.....#7090	416 Cal.....#7125
6MM.....#7020	7MM Cal.....#7060	348 Cal.....#7100	44 Cal.....#7130
25 Cal.....#7030	30 Cal.....#7070	35 Cal.....#7110	45 Cal.....#7140
6.5MM.....#7040	32 Cal. (8MM)...#7080	375 Cal.....#7120	475 Cal.....#7145

1. CLASSIC & CONVENTIONAL DESIGN

Traditional conical and flat designs have perfect symmetry when combined with knurling at the base of the bullet, which deliver increased stability and accuracy. This ensures proper positioning in authentic revolvers, with no unwanted nicking of primers as the cylinder turns.

2. SPECIAL KNURLING AND GREASE RING

The knurling system holds an even distribution of lubricating wax over the bearing surface of the Cowboy™ bullet. The result is less leading.





Cartridge Cases



The foundation of Hornady® ammunition

At Hornady®, brass is the foundation for what could be the most memorable shot of your lifetime. Extra time and care is taken in the creation of our cases, producing smaller lots that meet strict quality standards. Our cases offer reloaders excellent uniformity in wall thickness, weight 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 contributes to consistent charges and pressures.

RIFLE CASES	ITEM #	QTY
17 HORNET	8611	50
204 RUGER	8604	50
22 HORNET	NEW! 8602	50
220 SWIFT	NEW! 8615	50
222 REM	8600	50
223 REM	8605	50
22-250 REM	8610	50
6MM REM	NEW! 8622	50
243 WIN	8620	50
25-06 REM	86251	50
257 WBY	8631	50
6.5 CREEDMOOR	86281	50
6.5 GRENDEL	86283	50
6.5X55 SWEDE	86263	50
6.5-284	8628	50
6.8 SPC	8629	50
270 WIN	8635	50
275 RIGBY	8636	50
280 REM	8638	50
7MM-08 REM	NEW! 8646	50
7MM REM MAG	8640	50
7X64 BRENNKE	8647	50
7X65R	8641	50
300 BLACKOUT	86751	50
30-30 WIN	8655	50
300 SAVAGE	86752	50
308 MARLIN EXP	8662	50
308 WIN MATCH	8661	50
30 TC	8663	50
30-06	8665	50

RIFLE CASES	ITEM #	QTY
300 H&H	86725	50
300 RCM	86721	50
300 WIN MAG	8670	50
300 WBY MAG	8672	50
300 REM ULTRA MAG	NEW! 86724	20
30-378 WEATHERBY	NEW! 8658	20
303 BRITISH	8675	50
32 WIN SPL	8728	50
8X57 JRS	NEW! 8644	50
8X57 JS	NEW! 8648	50
338 MARLIN EXP	8721	50
338 RCM	86831	50
338 WIN MAG	8680	50
338 LAPUA MAG	8684	20
35 WHELEN	87291	50
358 WIN	8741	50
9.3X62	87263	50
9.3X74R	8726	20
375 RUGER BASIC	8674	50
375 RUGER	8673	50
375 H&H MAG	8685	50
376 STEYR	8690	50
405 WIN	8691	50
450-400 NITRO EXPRESS 3"	86934	20
450-400 NITRO EXPRESS 3.25"	86931	20
416 RIGBY	8687	20
416 RUGER	86871	50
416 REMINGTON	86874	50
500-416 NITRO EXPRESS 3.25"	NEW! 86877	20
404 JEFFERY	86932	20

RIFLE CASES	ITEM #	QTY
444 MARLIN	8692	50
450 BUSHMASTER	86935	50
45/70	8784	50
450 MARLIN	8693	50
450 NITRO EXPRESS 3¼"	86936	20
458 WIN MAG	8694	50
458 LOTT	8697	50
470 NITRO EXPRESS	86937	20
500 NITRO EXPRESS 3"	86938	20
50 BMG MATCH GRADE	8772	20
BELTED MAG BASIC FAMILY	8798	50

PISTOL CASES	ITEM #	QTY
380 AUTO	NEW! 8710	200
9MM LUGER	NEW! 8720	200
9X18 MAKAROV	NEW! 8725	200
357 SIG	8739	100
38 SPCL	NEW! 8730	200
357 MAG	NEW! 8740	200
40 S&W	NEW! 8742	200
44 SPCL	8749	100
44 REM MAG	8750	100
45 AUTO	8760	100
45 COLT	8780	100
454 CASULL	8785	100
460 S&W	8786	50
475 LINEBAUGH	8787	100
480 RUGER	8789	100
500 S&W	8790	50

1. UNIFORM CASE WALL THICKNESS

We manufacture to extremely tight tolerances to ensure this critical element is as consistent as possible.

2. TIGHT WALL CONCENTRICITY

Concentricity helps ensure proper bullet seating in both the case and the chamber of your firearm. Higher concentricity also aids in a uniform release of the bullet on firing for optimal velocity and accuracy.

3. MORE RELOADS PER CASE

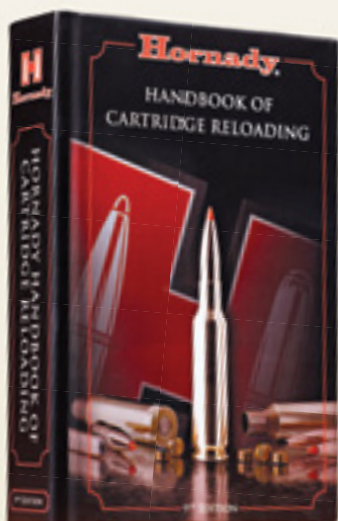
We treat Hornady® brass as the foundation for an accurate cartridge, not a commodity. Because we take greater care in its creation, you'll get more reloads from each case.

4. CONSISTENT WEIGHT AND CAPACITY

Every Hornady® case is virtually identical to another Hornady® case in the same caliber. This means consistent pressures, velocity and accuracy every time.



Reloading Manual.....



HORNADY® 9TH EDITION HANDBOOK OF CARTRIDGE RELOADING

Reloaders will find the 9th Edition Hornady® Handbook of Cartridge Reloading an invaluable resource for their bench. You'll find over 900 pages representing data of all the newest Hornady® bullets like the NTX®, GMX® and FTX®, plus longtime favorites like the V-MAX™, SST®, InterBond®, InterLock®, A-MAX®, XTP® and more. Each cartridge features applicable Hornady® bullets along with velocity/powder charts for quick and easy reference.

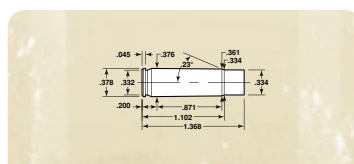
Cartridge additions since the 8th edition include the 17 Hornet, 327 Federal, 356 Winchester, 5.56 NATO, 416 Barrett, and 505 Gibbs. There is also expanded data on over 20 favorites, like the 223 Rem, 300 Whisper, 308 Win, 25-06, and many more. A variety of propellants such as Power Pro Varmint, AR-Comp, and CFE-223, among others have been added to many popular cartridges.

In addition to the comprehensive reloading charts, this reference manual provides shooting enthusiasts with in-depth, easy-to-understand explanations of internal, external and terminal ballistics. Coupled with the Hornady® ballistics calculator found at hornady.com, shooters will have the tools they need to replicate the environment where they plan to shoot. Whether a novice or seasoned reloader, these resources provide everything needed to successfully reload your favorite cartridges.

No. 99239

RIFLE BULLETS	DIAMETER	WEIGHT	B.C.	S.O.	TARGET/MATCH	VARMIN	MEDIUM GAME	LARGE GAME	DANGEROUS GAME	WINDUP/VELOCITY
17 CALIBER (.172")										
92170 V-MAX™	.172"	20 gr.	.185	.097	X					2300-4400
91710 HP	.172"	25 gr.	.187	.121	X					2300-4200
917105 V-MAX™	.172"	25 gr.	.230	.121	X					2300-4200
20 CALIBER (.204")										
92200 NTX™	.204"	24 gr.	.170	.082	X					2000-4400
922004/22406 V-MAX™	.204"	32 gr.	.210	.110	X					2000-4200
922006/22608 V-MAX™	.204"	40 gr.	.275	.137	X					2000-4200
922008 SP	.204"	45 gr.	.245	.150	X					2000-4000
22 CALIBER (.222")										
92210 JET	.222"	40 gr.	.104	.116	X					1500-2900
22 CALIBER (.223")										
92220 HORNET	.223"	45 gr.	.202	.129	X					2100-3400
22 CALIBER (.224")										
92240 NTX™	.224"	35 gr.	.177	.100	X					2000-4500
92252 V-MAX™	.224"	35 gr.	.109	.100	X					1500-4400
92241/22416 V-MAX™	.224"	40 gr.	.200	.114	X					2000-4400

300 WHISPER/AAC BLACKOUT



300 WHISPER/AAC BLACKOUT

RIFLE: Smith & Wesson AR 15
BARREL: 16", 1 in 7.5" Twist
CASE: Hornady
PRIMER: Winchester Small Rifle

BULLET DIAMETER: 0.308"
MAXIMUM C.O.L.: 2.260"
MAX. CASE LENGTH: 1.388"
CASE TRIM LENGTH: 1.358"

JD Jones of SSK Industries is well represented in the Hornady Handbook, and rightly so. A prolific inventor, wildcatter, and shooting enthusiast, Jones is the developer of this 300 Whisper® – and the numerous "JDJ" cartridges listed elsewhere in this book.

Jones entered a new and fascinating area of cartridge design research with this study into the effects of very small capacity cartridges teamed with larger caliber, ballistically efficient bullets in suppressed weapons.

In the 300 Whisper, Jones has necked up a 221 Remington Fireball case to accept 30 caliber (.308" diameter) bullets. The combination of reduced powder capacity and increased caliber in the 300 Whisper permits a wide variety of weight and powder charge combinations for an equally wide variety of shooting purposes.

The loads presented are also safe to use in 300 AAC Blackout rifles. The difference between the two is that the chamber throat of the 300 AAC Blackout is 0.015" longer than the 300 Whisper. That is a small difference, but handloaders wanting to seat their bullets close to the lands should keep that in mind. Reloading dies are identical between the two cartridges.

The following data was shot for velocity and functionality with an AR-15. We found that A 1680 worked best for sub-sonic loads while still cycling the action.

225 GRAIN BULLETS

SECTIONAL DENSITY:	0.281
DIAMETER:	0.338"

225 gr. InterBond®
B.C.: 0.315 C.O.L.: 2.845"
Item No. 33209

225 gr. SST®
B.C.: 0.315 C.O.L.: 2.845"
Item No. 33202

225 gr. InterLock® SP-RP
B.C.: 0.307 C.O.L.: 2.845"
Item No. 3320

POWDER	2200	2300	2400	2500	2600	2650
IMPR 4084	44.4 gr.	46.8 gr.	48.7 gr.	51.0 gr.	53.4 gr.	55.8 gr.
Alliant RL-15	45.1 gr.	47.1 gr.	49.1 gr.	51.1 gr.	53.1 gr.	55.1 gr.
Accurate 2520	43.1 gr.	46.2 gr.	49.3 gr.	52.4 gr.	55.5 gr.	58.6 gr.
BL-C(2)	47.3 gr.	49.3 gr.	51.3 gr.	53.3 gr.	55.3 gr.	57.3 gr.
VINT N-550	49.3 gr.	51.3 gr.	53.4 gr.	55.4 gr.	57.4 gr.	59.4 gr.
BIG GAME	48.8 gr.	51.5 gr.	54.1 gr.	56.7 gr.	59.4 gr.	62.1 gr.
HAILE	48.8 gr.	52.2 gr.	54.8 gr.	57.4 gr.	60.0 gr.	62.6 gr.
WIN 760	50.2 gr.	52.7 gr.	55.3 gr.	57.8 gr.	60.4 gr.	62.9 gr.

250 GRAIN BULLETS

SECTIONAL DENSITY:	0.313
DIAMETER:	0.338"

250 gr. BTHP Match
B.C.: 0.670 C.O.L.: 2.845"
Item No. 33281

250 gr. InterLock® SP-RP
B.C.: 0.431 C.O.L.: 2.845"
Item No. 3335

250 gr. InterLock® RN
B.C.: 0.291 C.O.L.: 2.845"
Item No. 3330

POWDER	2100	2200	2300	2400	2450	2500
IMPR 4084	43.9 gr.	46.2 gr.	48.6 gr.	51.0 gr.	53.4 gr.	55.8 gr.
Alliant RL-15	44.1 gr.	46.5 gr.	48.9 gr.	51.3 gr.	53.7 gr.	56.1 gr.
Accurate 2520	41.5 gr.	44.7 gr.	47.9 gr.	51.1 gr.	54.3 gr.	57.5 gr.
BL-C(2)	46.2 gr.	48.4 gr.	50.6 gr.	52.8 gr.	55.0 gr.	57.2 gr.
VINT N-550	48.4 gr.	50.5 gr.	52.6 gr.	54.7 gr.	56.8 gr.	58.9 gr.
HAILE	48.8 gr.	51.2 gr.	53.6 gr.	56.0 gr.	58.4 gr.	60.8 gr.
BIG GAME	48.5 gr.	51.5 gr.	54.5 gr.	57.5 gr.	60.5 gr.	63.5 gr.
WIN 760	49.4 gr.	51.9 gr.	54.3 gr.	56.7 gr.	59.1 gr.	61.5 gr.

HORNADY® HANDBOOK OF CARTRIDGE RELOADING EBOOK EDITIONS

For those who prefer the convenience and searching ease of an eBook, Hornady now offers a download of the Reloading Manual from the Apple App Store or Amazon.com. Having an electronic version allows a more compact format that you can take anywhere!

Search iTunes book store or Kindle store





Reloading



.....Accurate. Deadly. Dependable.®



Reloaders want control. Hornady® Lock-N-Load® products help you create the perfect load so you can make the perfect shot.

The Hornady® Lock-N-Load® System is designed for reloading perfectionists. Its patented quick change Lock-N-Load® bushing system lets you change dies with a simple flick of the wrist so you can stop loading, change dies, and start loading with another caliber in seconds. The result is bench time that is satisfying and productive. You can also convert another manufacturer's press to the Lock-N-Load® system with Hornady® conversion bushings.



Lock-N-Load® AP™

Load over 500 rounds per hour with the Lock-N-Load® AP™

500 FREE BULLETS!

**See back cover.*

The Hornady® Lock-N-Load® AP™ press is a professional grade, auto indexing, 5-station progressive press that features the patented 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. See how it works at www.hornady.com. **No. 095100**

FEATURES

- ① **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 223 to 45 in less than 5 minutes.
- ② **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.
- ③ **Reliable EZject™ System**
The EZject™ feature delivers 100% reliable ejection of every cartridge, every time, without any adjustments.
- ④ **Universal Case Retainer Spring**
The ingenious case retainer spring allows you to quickly and easily remove or insert a case at any point in the loading process.
- ⑤ **Priming System**
The Lock-N-Load® AP™ System can be changed from large to small primers as easy as 1-2-3:
 1. Change the primer seater punch.
 2. Change the primer shuttle.
 3. Change the primer feed tube.
- ⑥ **Case Activated Powder Drop**
Case activated powder drop will dispense a powder charge only when a cartridge case is present. No more spills.
- ⑦ **Automatic Indexing**
Each station moves half a stage on the down stroke and half on the up stroke, making for ultra smooth function. This process is much smoother than presses that do all their indexing on the down stroke.
- ⑧ **Large Capacity Cartridge Catcher**
A large capacity catcher comes standard with the Lock-N-Load® AP™ Press. An extra large capacity catcher is available as an option. **No. 480038**

LOCK-N-LOAD® AP™ DUST COVER

Fits standard Lock-N-Load® AP™

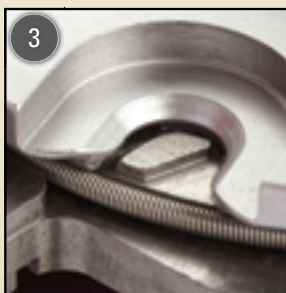
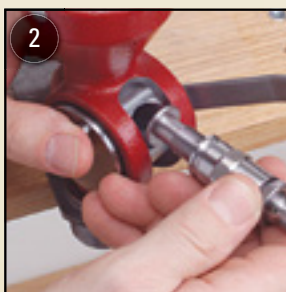
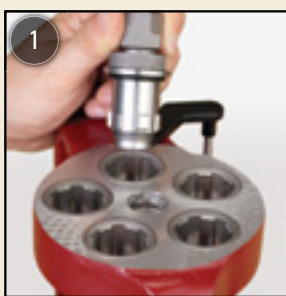
No. 095200

CASE RETAINER SPRING (3-PK.)

No. 392370



All you need are dies and shell plates to start loading with your AP™!



Lock-N-Load® AP™ Accessories.....

Rifle Bullet Feeder

Turn your progressive reloading press into a bench mounted ammo factory! Sold as a complete unit for 22 caliber bullets, a conversion kit for 30 caliber bullets is also available, 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.

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

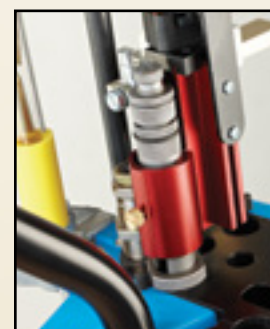
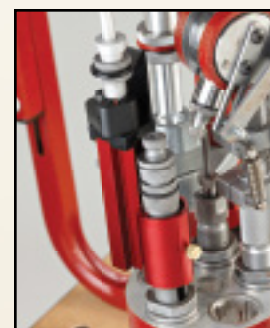
Note: The Rifle Bullet Feeder System must be purchased separately from the Hornady® Pistol Bullet Feeder because the hopper systems and die bodies are not compatible. Cast lead bullets cannot be used in any Hornady® bullet feeders.

Rifle Bullet Feeder (22 Cal.)

No. 095340

30 Cal. Conversion Kit

No. 095345



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

To see these tools in action, watch our videos at hornady.com

Lock-N-Load® Bullet Tubes

NEW!

The new Hornady® Lock-N-Load® Bullet Tube for pistol bullets provides a handy, economical way to utilize bullet feeder dies on progressive presses, without having to purchase the complete bullet feeder hopper system. Simply pre-load the tubes with bullets, and place the tubes in the top of the bullet feeder die (sold separately). Tubes can fit 40+ bullets depending on caliber and weight, and feature a milled window to keep track of when they need to be refilled. Lock-N-Load® Bullet Tubes are sold in packs of three.



Bullet Tube 9MM

No. 095350

Bullet Tube 40S&W/10MM

No. 095351

Bullet Tube 45 Auto

No. 095352



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

NEW!

The Hornady® 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 Lock-N-Load® AP™ Primer Pocket Swage Tool comes with shell plate, feed, swage, and eject dies to make your job easier.

Available in 223 Rem/5.56 and 308 Win/7.62 models, 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





Lock-N-Load® AP™ Accessories.....

Pistol Bullet Feeder

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

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. (It does not work with lead or plated bullets.)

Bullet feeder dies are sold separately.
(See chart below, and on pages 84-87.)

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.

ITEM	PISTOL	ITEM	PISTOL
095330	380/9mm	095333	44 Spl/Mag
095331	38/357 Mag	095334	.451/.452
095332	40/10mm		



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. The Lock-N-Load® Case Feeder comes complete with everything you need except the case feeder plates, which are sold separately. See chart on pages 84-87.

No. 095300

Adapts to your AP™ press

The Case Feeder bolts to Lock-N-Load® AP™ presses with serial number 7000 and higher. For serial numbers below 7000, we offer a sub-plate conversion kit. If your serial number is below 7000, give us a call at 1-800-338-3220. (Not compatible with the Projector™ 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 is correct.



Case Feeder Plates are sold separately.

See charts on pages 84-87.

See
hornady.com
for more
details.

Lock-N-Load® AP™ Accessories.....



Lock-N-Load® Control Panel

Take full control of your progressive reloading press with the Lock-N-Load® Control Panel. The easy-to-read digital display with multiple sensors allows you to set audible and visual alarms for primer quantity level, powder hopper level, and primer slide check. The Powder Safeguard Die checks straight walled cartridges from 9mm to 45 caliber for powder charges and physically halts the reloading stroke when a no-charge or double-charge is detected. The LED panel displays the number of press strokes, and also alerts the user when a sensor detects a low primer/powder level, powder charge, or primer slide malfunction.



PRIMER SLIDE SENSOR

Alerts you when the primer doesn't properly align for your next stroke. Also counts strokes.



POWDER LEVEL SENSOR

Alerts you when the powder supply is running low.

No. 044653



PRIMER LEVEL SENSOR

Alerts you when primers fall below an adjustable level. Trigger levels can be set from 1 to 5 primers, according to your preference.

No. 044654

STANDARD CONTROL PANEL

Includes digital readout panel, wire harness, cycle counter and primer slide sensor.

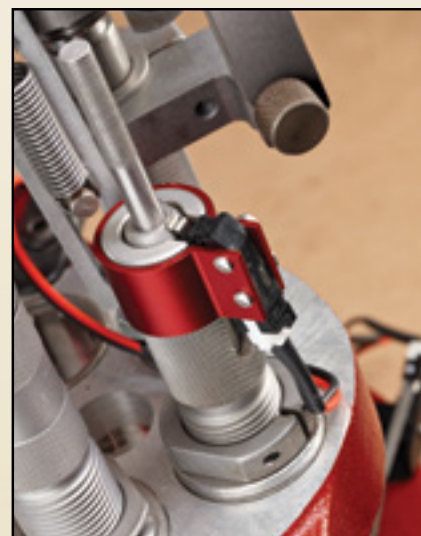
Standard Control Panel No. 044651

DELUXE CONTROL PANEL

Includes digital readout panel, wire harness, cycle counter, primer slide sensor, Powder Safeguard Die, powder level sensor, primer level sensor, and Lock-N-Load® Light Strip.

The Powder Safeguard Die, primer level sensor, and the powder level sensor are also sold individually.

Deluxe Control Panel No. 044650



POWDER SAFEGUARD DIE

The Powder Safeguard Die checks straight-walled pistol cartridge cases from 9mm to 45 caliber for no-charge and double-charge powder drops. It physically halts the reloading stroke so the user can correct the incorrect charge. If used in conjunction with the Lock-N-Load® Control Panel, the user is alerted of incorrect powder levels on the digital display. The Powder Safeguard Die is also compatible with other reloading presses using 7/8"–14 die threads.

No. 044652

Some components are compatible with other progressive reloading presses. See hornady.com metallic reloading section for details.

**Take the guesswork
out of reloading!**



Lock-N-Load® AP™ Accessories.....

1911 AUTO PRIMER TUBE FILLER

NEW!

Handloaders who want to shorten their primer tube filling times now have a fun, fast alternative with the Hornady® 1911 Auto™ Primer Tube Filler. Designed for user safety, the ergonomic handle positions the tray at an optimum angle for feeding primers. The 1911 Auto™ Primer Tube Filler is powered by two easily replaceable AAA batteries and fills a 100-count primer tube in 10-15 seconds.

No. 050098



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 84-87. You can also load other calibers that have the same case head dimensions as any listed in the chart on pages 84-87.

See sizing chart on pages 84-87.

(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

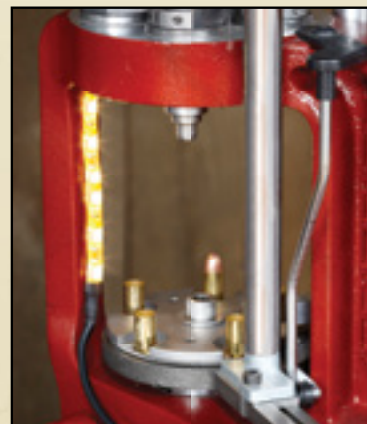
Lock-N-Load® Conversion Kit No. 044099

LOCK-N-LOAD® 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 any 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 or Lock-N-Load® Control Panel.

No. 044660

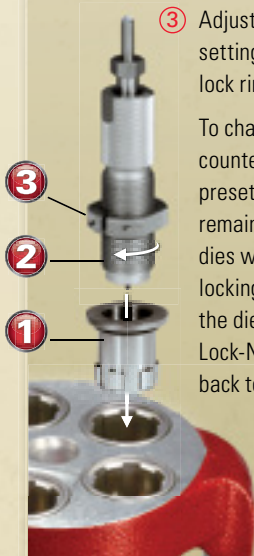


HOW LOCK-N-LOAD® WORKS:

The Hornady Lock-N-Load® system is as easy as 1-2-3:

- 1 Insert the Lock-N-Load® die bushing into the press bushing and lock it into place with a twist. The six locking lugs on the die and press bushings will hold it securely in position.
- 2 Insert your standard die into the Lock-N-Load® Bushing.
- 3 Adjust the die to the proper position and lock your setting into place with Hornady's unique Sure-Loc™ lock ring.

To change calibers, simply twist the die counterclockwise, remove die and insert your next preset Lock-N-Load® die and bushing. Because they remain locked in their Lock-N-Load® Bushings, your dies will remain exactly as you set them. The positive locking action of the Lock-N-Load® Bushings holds the dies in rock solid, perfect alignment. Once you try Lock-N-Load® from Hornady®, you'll NEVER want to go back to your old system.



Lock-N-Load® 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™ 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.
9mm	.355-.356	290030
357	.357-.359	290031
10mm	.400-.401	290032
44	.429-.430	290033

Caliber	Bullet Dia.	PTX Item No.
45 Auto	.451-.452	290034
45 Colt	.452-.454	290036
475	.475-.476	290037
50	.500-.501	290038

QUICK 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 (above) are designed for use with the Quick Change Powder Die.

No. 050074



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 all powder types and cartridges.

No. 050063



Over Charge



Correct



Under Charge



CASE ACTIVATED POWDER DROP

Engineered with quick change-overs 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 (not included) No. 392703



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 presses and CAPD)



50 BMG

LOCK-N-LOAD® .50 CAL BMG

Hornady Lock-N-Load® .50 Cal BMG press allows you to 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 ram-prime, 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. Together, these features will significantly speed up and improve your .50 caliber BMG reloading.

No. 085004

50 Cal. BMG Powder Measure No. 050127
High Capacity Metering Kit No. 050126
Primer Seating Gauge No. 050150

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.

No. 085005

SHELL HEAD ADAPTER

Install the Shell Head Adapter accessory in the ram and load any center fire cartridge you want. Especially useful for shooters reloading long cartridges which require a very long stroke.

No. 392172



Refer to
hornady.com
for more 50 Cal
products.



Lock-N-Load® Kits

500 FREE BULLETS!

**See back cover.*

Lock-N-Load® Ammo Plant™ Reloading Kit

Turn your progressive press into a bench-mounted ammo factory! This kit represents the ultimate reloading setup for maximum production in shorter sessions.

The Lock-N-Load® Ammo Plant™ includes the following:

- Lock-N-Load® AP™ Press
- Lock-N-Load® AP™ Pistol Bullet Feeder
- Lock-N-Load® AP™ Case Feeder
- 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
- Lock-N-Load® Powder Measure
- Vintage Tin Sign

No. 095160

**Retail Value
of over \$1750**

(Save over \$400)

**Complete your
reloading experience
by choosing a
caliber and these
essential tools:**

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

See chart on
pages 84-87 for listings.

**TURN YOUR
BENCH INTO
THE ULTIMATE
RELOADING
FACTORY!**

**To see these tools
in action, watch our
videos at hornady.com**

500 FREE BULLETS!

**See back cover.*

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 money-saving 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™ Trimmer
- Cam Lock™ Power Adapter
- Lock-N-Load® OAL Gauge Curved
- Lock-N-Load® Comparator Set
- Lock-N-Load® Comparator Headspace Kit
- Lock-N-Load® Case Prep Trio
- Steel Dial Caliper



Lock-N-Load® Classic™

500 FREE BULLETS!

**See back cover.*

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™ 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 Kit, the Deluxe Classic Kit includes shell holders in the most popular sizes, more bushings and Sure-Loc™ rings, as well as some other handy tools.

No. 085010

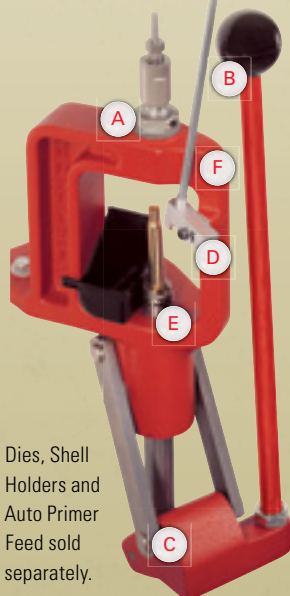
Includes:

- Lock-N-Load® Classic™ Kit contents (above)
- Die Bushing 3 Pack
- 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® CLASSIC™

Includes Primer Catcher and three Lock-N-Load® Die Bushings.

Lock-N-Load® Classic™ Press No. 085001
Dust Cover No. 100008



Dies, Shell Holders and Auto Primer Feed sold separately.

FEATURES

(A) Lock-N-Load® Quick Change Bushing System

Lock-N-Load® bushings not only let you switch from one to another in a matter of seconds, they also offer the quickest and easiest die setup on the market. Just set the die and tighten the Sure-Loc™ ring on to the Lock-N-Load® bushing. Quickly remove and re-install 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.

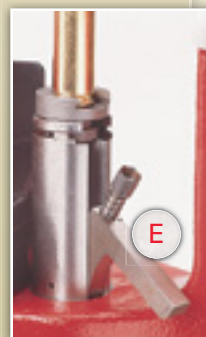
(D) Automatic Primer Feed (Optional)

Includes both large and small primer tubes. Use with our Positive Priming System™ and there's no more

fumbling with primers — priming is 100% hands off. Sold separately. **No. 070905**

(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.



(F) Strong Angled Frame

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



Powder Measures & Accessories

HORNADY® LOCK-N-LOAD® POWDER MEASURE — EFFICIENCY AND ACCURACY

The Lock-N-Load® powder measure offers the most flexible operation and the widest range of any powder measure with various accessories. It ranges from .5 - 265 grains of powder (special metering inserts and rotor required — see below). Metering inserts can be changed with the push of a button. Hornady® Lock-N-Load® powder measure accessories (shown below) allow one powder measure to handle most applications. Includes rifle rotor and metering insert. **No. 050069**

FEATURES

Largest charge range in the industry

Load powders & charges from .5 grain to 265 grains. By simply changing rotor and inserts, you can use one Lock-N-Load® Powder Measure for reloading everything from small pistol cartridges to large magnum rifle cartridges.

Push-button release function

To change metering inserts, just push the Lock-N-Load® insert release button and insert another metering insert. Simply 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

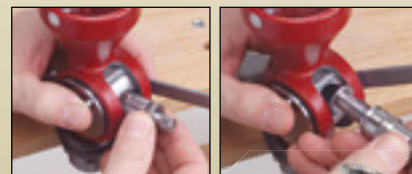
Mount to your bench using a standard mounting bracket and lock ring, or use our Lock-N-Load® bushings to mount this versatile measure on the Fast Load Powder Measure Stand (featured on page 70).

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 provided standard for .204 to 45 caliber. Use the largest drop tube that fits the case mouth. An optional extended drop tube is also available.



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.



POWDER MEASURE METERING INSERTS

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

Standard Metering Unit Insert

Meters from 15 to 100 grains of powder (one included with Lock-N-Load® measure)



No. 050120

Powder Measure Drain Insert

A Hornady® Exclusive! Replaces a metering insert so you can drain powder without removing the measure from its stand. (Compatible with Bench Rest Grade Powder Measure.)



No. 050125

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**



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**

Powder Measures & Accessories



LOCK-N-LOAD® BLACKPOWDER POWDER MEASURE

The Hornady® all-metal Powder Measure features a non-sparking aluminum hopper and brass metering unit. It's designed specifically to meet the safety needs of handloaders working with blackpowder. (Not compatible with the Case Activated Powder Drop.)

FEATURES

Aluminum hopper tube and cap

The aluminum hopper won't develop a static charge, unlike plastic hopper units. When working with black powder, it's critical to avoid static electricity and any kind of sparking.

Extremely tight tolerances between drum and rotor

The near .002" tolerance eliminates binding of powder between the frame and drum for smooth operation with coarse black powder.

Brass metering unit

The metering unit adjusts from 10 to 110 grains in ten grain increments when used with FFG Black Powder. Other sizes of blackpowder, Pyrodex™ and Triple 7™ will drop different amounts. It is MANDATORY to confirm charge weight.

No. 050110

Bushing Adapter (not shown) No. 050122

Black Powder Metering Assembly No. 050133



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.

No. 050130



BENCH REST METERING INSERT

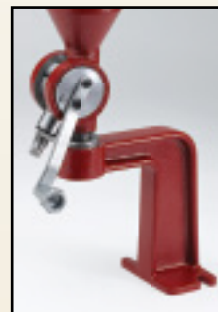
Switch this metering unit in and out of your Lock-N-Load® Bench Rest Powder Measure with the push of a button. The micrometer insert allows the user to make and monitor incremental changes and return to previous settings.

No. 050114

FAST LOAD POWDER MEASURE STAND

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

No. 050008



UNIVERSAL LOADING BLOCK

This double-sided block holds 50 cases and helps streamline powder charging and inspection. Fits 223, 308 and magnum case size heads. Also works with the Hornady® Fast Load Powder Measure Stand.

No. 480040



HANDHELD PRIMING TOOL

Features a one-piece primer tray and integral molded primer bushings that eliminate the need for separate bushings. Ergonomic design reduces fatigue. 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



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.



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*



Powder Scales & Accessories

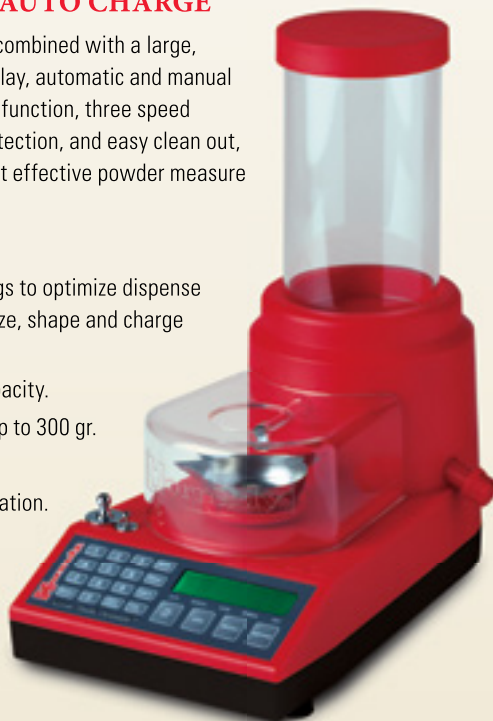
LOCK-N-LOAD® AUTO CHARGE®

An easy-to-use keypad, combined with a large, easy-to-read backlit display, automatic and manual dispense options, trickle function, three speed settings, overcharge protection, and easy clean out, make this the single most effective powder measure on the market.

FEATURES

- Three speed settings to optimize dispense speed to powder size, shape and charge weight.
- 1000 gr. hopper capacity.
- Charge weight of up to 300 gr.
- +/- 0.1 gr. accuracy.
- Quick & easy calibration.
- Easy and quick powder changes and cleanup through side drain.

No. 050068



POWDER TRICKLER

Trickle the last few tenths of a grain of powder into a dropped and weighed charge for "0" variation. Features a wide, stable base, is easy to clean, and uses a small amount of powder to fill.

No. 050100



POWDER FUNNEL

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

Powder Funnel No. 586050

17 Cal. Funnel Adapter No. 586055



LOCK-N-LOAD® QUICK TRICKLE™

This versatile powder dispenser features manual high and low speeds with up to a three-to-one gear ratio. Combined with double-sided, sealed ball bearings that prevent stray powder from impeding operation, the Quick Trickle™ is the smoothest operating manual powder dispensing tool for your reloading bench.

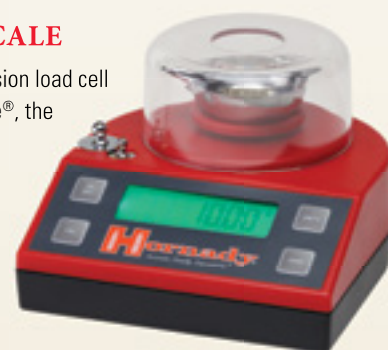
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LOCK-N-LOAD® BENCH SCALE

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. 050108



GS-1500 ELECTRONIC SCALE

This scale features a compact and sleek design with wire-free battery operation. Its 1500 grain capacity offers enough capacity to handle any reloading task. Comes with measuring pan and 100 gram calibration standard weight.

No. 050107



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 manual 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.

- 500 grain capacity
- +/- 0.1 grain sensitivity
- Magnetic dampener for accuracy
- Durable, easy-to-read laser etched bar
- Hardened pivot pins & bearings for durability
- Molded pan hanger
- Made in USA

No. 050109



100 FREE BULLETS!
*See back cover.



Case Prep Tools

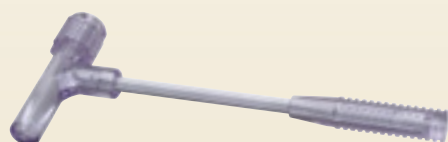
QUICK CHANGE HAND TOOL **NEW!**

The ergonomic Lock-N-Load® Quick Change Hand Tool features a dual-sided chuck that allows for the quick changeover of popular case preparation tools like chamfer, deburr, primer pocket reamers and cleaners, brushes or other tools with 8-32 threads.

- Dual-sided chuck allows quick changeover from one tool to the next
- Ergonomic design to reduce hand/finger fatigue during case preparation
- Can be used with chamfer tools, primer pocket reamers and cleaners, brushes, or any tool with 8-32 threads
- 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



No. 050097



LOCK-N-LOAD® KINETIC BULLET PULLER

Removes bullets from cartridges without damaging the bullets. The hollow head captures the bullet and powder for reuse. Can be used on most rifle or pistol cartridges up to 45 caliber.

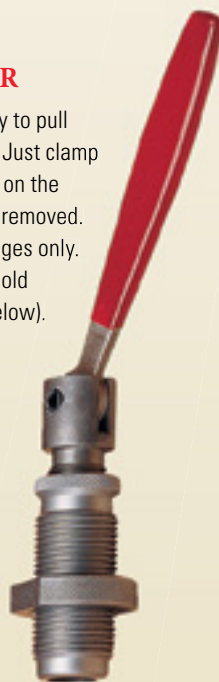
No. 050090

Bullet Dia.	Collet No.	Item No.
.172	1	392154
.204	14	392167
.223	2	392155
.243	3	392156
.264/.257	4	392157
.277	5	392158
.284	6	392159

CAM LOCK™ BULLET PULLER

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. Uses standard collets (sold separately, see chart below).

No. 050095



Bullet Dia.	Collet No.	Item No.
.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

CAM LOCK™ BULLET COLLETS

Works with the Cam Lock™ Bullet Puller. (Sizing chart above)

LOCK-N-LOAD® MICROMETER

For precise measurements of .001," a micrometer is necessary.

No. 050071



DIAL CALIPER

Stainless steel construction with shock-resistant dial. Precise measurements to .001 inches.

No. 050075 (inches)



CHAMFER/DEBURR TOOL

No. 050017

50 Cal. Deburr Tool No. 050153



FLASH HOLE DEBURR TOOL

No. 398112



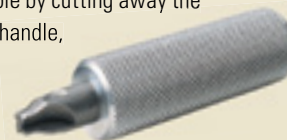
PRIMER POCKET REAMER

Primer Pocket Reamer Package makes crimped, primed cases reloadable by cutting away the crimp. Complete with handle, large and small cutter heads. **No. 041210**

Extra reamer heads sold separately.

Lg. Head No. 390751

Sm. Head No. 390750



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)





Case Prep Tools.....

NECK TURNING TOOL

NEW!

The new Hornady® Neck Turn Tool saves handloaders time and effort at the workbench. Designed for use on a wide variety of case lengths, the Hornady® Neck Turn tool allows for the use of a drill (not included) to make 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.

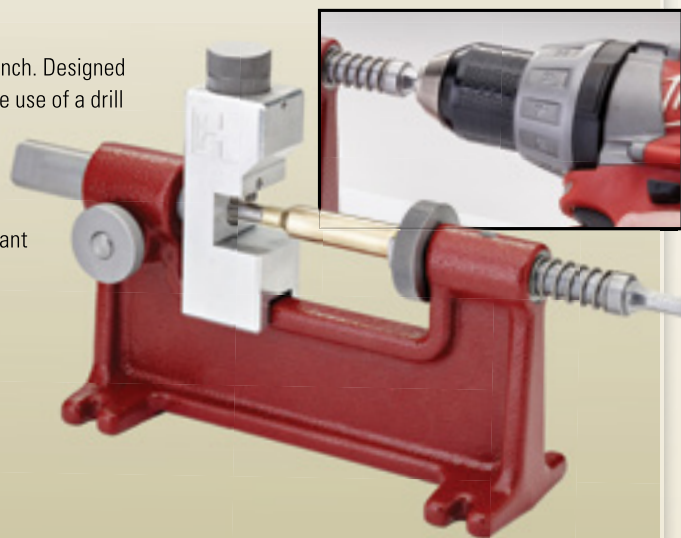
The Hornady® Neck Turn tool is a winning solution for precision handloaders who want to maximize precision. **No. 041224**

MANDRELS

Caliber	Dia.	Item No.
17 Cal.	.172	391908
20 Cal.	.204	391909
22 Cal.	.2210	391910
6mm	.2395	391913
25 Cal.	.2545	391915

Caliber	Dia.	Item No.
6.5mm	.2615	391919
270 Cal.	.275	391921
7mm	.2813	391924
30 Cal.	.3055	391928
8mm	.3205	391929

Caliber	Dia.	Item No.
338 Cal.	.3355	391930
35 Cal.	.3555	391931
375 Cal.	.3725	391932



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 runout. Provides improved accuracy for handloaders, and can be used to true up factory ammo too.

No. 050076

NECK WALL THICKNESS GAUGE

This accessory to the Concentricity Tool offers the next step in ultra-precision 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



CAM LOCK™ TRIMMER

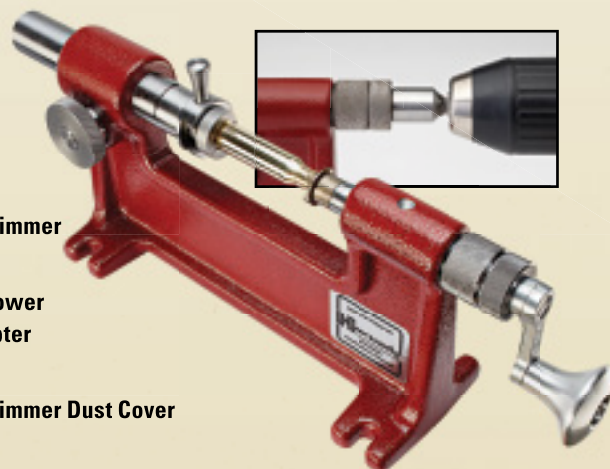
Thanks to the unique way the case is locked in place in the shell holder, this trimmer accurately restores fired cases to the correct length no matter the thickness of the cartridge rim. A light touch of the lever locks the case in place. The Micro Adjust cutter allows 1/1000" changes without moving 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 seven of the most popular pilot sizes: 22 cal, 6mm, 270 cal, 7mm, 30 cal, 38 cal and 45 cal.

Choose your shell holder and trimmer pilots from the charts on pages 84-87.

**Cam Lock™ Trimmer
No. 050140**

**Cam Lock™ Power
Trimmer Adapter
No. 050145**

**Cam Lock™ Trimmer Dust Cover
No. 100016**



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



Case Prep Tools

LOCK-N-LOAD® CASE PREP TRIO

Make case preparation faster and easier than ever with the Lock-N-Load® Case Prep Trio. Its durable brushed aluminum housing and high torque, low speed motor will provide years of dependable use. 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



100 FREE BULLETS!
*See back cover.

Optional accessories for the Case Prep Trio or Power Case Prep Center

Large Caliber Chamfer (45+ Cal. OD)	No. 050017
Large Caliber Deburr (45+ Cal. OD)	No. 050171
Small Pocket Uniformer	No. 041212
Large Pocket Uniformer	No. 041211
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

Case Neck Brushes

SIZE	ITEM NO.	SIZE	ITEM NO.
17 Cal.	380062	30 Cal.	380067
22 Cal.	380063	35 Cal.	380068
25 Cal./6MM	380065	45 Cal.	380069
270 Cal./7MM	380066		

COMPLETE CASE CARE KIT

Buy this complete Case Care Kit at a substantial savings (the kit price saves \$19!). Includes items listed below and three neck brushes for the following calibers: 22, 338-35 and 44-45. **No. 043300**

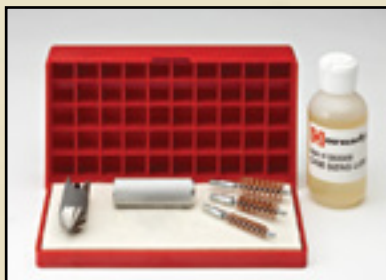
Case Care Kit items also sold separately:

Case Sizing Lubricant
No. 050009

Universal Accessory Handle
No. 190260

Chamfer/Deburr Tool
No. 050017

Case Lube Pad & Loading Tray
No. 020043



LOCK-N-LOAD® POWER CASE PREP CENTER

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, 25 cal/6mm, 270 cal/7mm, 30 cal, 35 cal and 45 cal) and pilots in same calibers. Also includes shell holders 1, 2, 5, 16 and 35.

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 3 1/4".
- 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.

Optional flash hole deburr tool, primer pocket reamer, primer pocket uniformer and additional neck brushes can be purchased separately.

No. 050012



500 FREE BULLETS!
*See back cover.

UNIVERSAL TRIM LENGTH GAUGE

Use this tool to set the head height on the Case Prep Center. May be used with 11 popular calibers from the 6.5 Grendel to the 375 H&H Mag, both fired and resized cartridge cases.

No. 050149



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.

(See chart on pages 84-87.)





Case Prep

M-2 CASE TUMBLER

Our case tumbler cleans and polishes brass to a brilliant finish before loading. Presses and dies will operate smoother and finished reloads will look like new. M-2 Tumbler Holds up to 500 .38 Special cases.

No. 050200



CASE TUMBLER MEDIA SIFTER

Designed specifically for Hornady® Case Tumblers, the Media Sifter fits snug against the rim to allow clean elimination of media and easy extraction of brass.

No. 050208



TUMBLING MEDIA

Clean up your cases with the Hornady® One Shot® Tumbling Media. This media is made of ground corn cob for use in a case tumbler. The abrasive media removes tarnish and other residue from cartridge cases. Use with One Shot® Metal Polish for a shiny, like-new finish.

Corn Cob 76 oz. No. 050303



ONE SHOT® METAL POLISH

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

No. 9993

(Non-hazardous chemicals)



ONE SHOT® CANNED AIR

Quickly and efficiently dusts reloading tables, removes metal shavings from your press and aids in cleaning rifle and pistol actions. Contains no CFCs.

No. 99900



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



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



ONE SHOT® FIREARM CLEANER & LUBE

Hornady® One Shot® with DynaGlide Plus® is a revolutionary formula developed to prevent firearm malfunctions caused by a buildup of lubricants and grime. The unique DynaGlide Plus® formula cleans the actions of firearms and leaves a micro-thin layer of lubricant. Because One Shot® is a non-tacky lube, it smooths actions and eliminates mechanical fouling due to powder and dirt adhering to the lubricant.

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



ONE SHOT® CASE SIZING WAX

Simply dab on your index finger and thumb, then apply to cartridge case before sizing. A little goes a long way.

No. 9989



LOCK-N-LOAD® PRIMER SEALER KIT

This air-cured, industrial grade sealant protects from moisture and extends the shelf-life of your ammo. Simply apply to the primer after loading and let air dry. Includes four - 3 oz. tubes

No. 020049



ONE SHOT® SONIC CLEAN™ CARTRIDGE CASE FORMULA



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
1 Gallon No. 043361

Sonic Cleaners

LOCK-N-LOAD® SONIC CLEANER™ 7L **NEW!**

Utilize up to 7-liters of high frequency ultrasonic cleaning action to blast carbon residue and other debris from your cartridge cases, gun parts and other metal equipment. A solution-saving 1.6-liter small parts tank accommodates empty brass cases and small metal parts, and an additional tank can be purchased separately to allow two small batches to be cleaned simultaneously with different solutions. The illuminated display allows you to adjust and monitor time, solution temperature, de-gas, ultrasonic and heat functions. Spend less time cleaning, and more time shooting! **No. 043370**

Extra Tank No. 150215

Extra Basket No. 150211



Easily drain the main tank by attaching the drain tube and opening the valve on the front panel.



A solution-saving 1.6-liter inner tank cleans empty brass cases and small metal parts. An additional tank can be purchased separately, allowing two small batches to be cleaned simultaneously with different solutions.

HORNADY® HOT TUB™ SONIC CLEANER

The Hornady® Hot Tub™ takes sonic cleaning to a whole new level. 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 is also a heating element that enhances cleaning action, which is especially useful when cleaning gun parts. Combined with One Shot® Sonic Clean™ solution, the microjet action of the Hornady® Hot Tub™ 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 (sold separately): 6.7" x 4.7" x 3.2" (1.6 Liters/1.7 Quarts)

No. 043310

Extra Tank No. 150209

Extra Basket No. 150207



LOCK-N-LOAD® SONIC CLEANER™ 2L

The Lock-N-Load® Sonic Cleaner 2L features an 80 watt ceramic heater that enhances cleaning action and especially helps when cleaning gun parts. Its large two liter stainless steel tank holds up to three hundred 223 cases or one hundred fifty 308 cases. Combined with One Shot® Sonic Clean™ solution, the microjet action of the Lock-N-Load® Sonic Cleaner™ 2L removes carbon residue and other debris from cartridge cases, small gun parts and other small metal equipment and it cleans internal and external surfaces of cartridge cases and primer pockets. 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" (2.1 qt.)

No. 043320



LOCK-N-LOAD® SONIC CLEANER™

Using a combination of intense ultrasonic cleaning action and a unique cleaning solution, this cleaner quickly removes tarnish, oxidation, and carbon buildup from the entire case, including the inside walls and primer pockets. Use it to clean gun parts and equipment as well. Holds up to two hundred 223 cases or one hundred 308 cases. 1.2L Tank.

No. 043350



For best results, use One Shot® Sonic Clean™ Solution!





Lock-N-Load® Precision Gauges.....

LOCK-N-LOAD® O.A.L. GAUGES

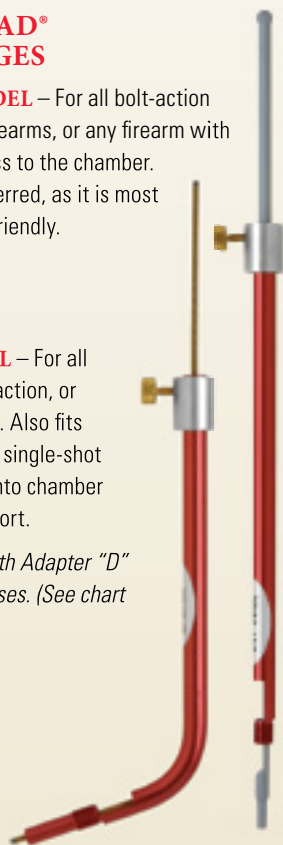
STRAIGHT MODEL – For all bolt-action and single-shot firearms, or any firearm with straight-line access to the chamber. This model is preferred, as it is most precise and user friendly.

No. C1000

CURVED MODEL – For all autoloader, lever-action, or pump-action rifles. Also fits all bolt-action and single-shot firearms. Inserts into chamber through ejection port.

Not compatible with Adapter "D" or short-bodied cases. (See chart below)

No. C1550



Achieve precise bullet seating depth.

One of the best kept secrets in accurate reloading is 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 so-so 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. Hornady® offers interchangeable modified cases in most common sizes from .17 Remington up to and including 500 Nitro. These specially prepared modified cases are threaded at the case-head and have a .002" oversized neck to accept the same bullets you intend to load. This is critical, as the Lock-N-Load® O.A.L. Gauge dimensions obtained will be accurate to .001." These results cannot be attained with competitive products, which use a simulated bullet with an arbitrary shape.



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
A17H	17 HORNET (w/ adapter)
A218	218 BEE
A221	221 REM FB
A222	222 REM
A223	223 REM
A222M	222 REM MAG
A22250	22-250 REM
A220	220 SWIFT
A6MMB	6MM BR REM
A243	243 WIN
A6MM	6MM REM
A250	250 SAV
A257	257 ROB
A2506	25/06 REM
A65G	6.5 GRENDDEL
A260	260 REM
A65C	6.5 CREEDMOOR
A264	264 WIN MAG
A68SPC	6.8 REM SPC
A270	270 WIN
A7MM	7MM BR REM
A7X57	7X57 MAUSER
A7MM08	7MM/08 REM
A280	280 REM
A284	284 WIN
A7MMR	7MM REM MAG
A300A	300 BLACKOUT (WHISPER)
A3030	30/30 WIN
A3040	30/40 KRAG
A308ME	308 MARLIN EXP
A308	308 WIN
A30TC	30TC
A300H	300 H&H

MODIFIED CASES "A" SERIES	
ITEM NO.	DESCRIPTION
A3006	30-06 SPRG
A300R	300 RCM
A300M	300 WIN MAG
A300W	300 WBY MAG
A762	7.62X39 (308/311)
A303	303 BRIT
A32	32 WIN SPECIAL
A8X57	8X57MM MAUSER
A8MM	8MM REM MAG
A338M	338 MARLIN EXP
A338R	338 RCM
A338	338 WIN MAG
A340	340 WBY MAG
A35	35 WHELEN
A35R	35 REM
A350	350 REM MAG
A9362	9.3X62
A375	375 H&H MAG
A416	416 REM MAG
A450B	450 BUSHMASTER
A4570	45/70 GOVT

MODIFIED CASES "B" SERIES	
ITEM NO.	DESCRIPTION
B17R	17 REM FIREBALL
B204	204 RUGER
B223	223 WSSM
B6PPC	6MM PPC SAKO
B65X55	6.5X55 MAUSER
B65	6.5X284
B243	243 WSSM
B240	240 WBY MAG
B257	257 WBY MAG

MODIFIED CASES "B" SERIES	
ITEM NO.	DESCRIPTION
B270	270 WBY MAG
B270W	270 WSM
B764	7X64MM BRENNKE
B7MMR	7MM REM SA ULTRA MAG
B7WS	7MM WSM
B7MMW	7MM WBY MAG
B7MMS	7MM STW
B7MM	7MM REM ULTRA MAG
B300S	300 SAVAGE
B300R	300 REM SA ULTRA MAG
B300W	300 WSM
B300	300 REM ULTRA MAG
B338	338 REM ULTRA MAG
B358	358 WIN
B378	378 WBY MAG

MODIFIED CASES "C" SERIES	
ITEM NO.	DESCRIPTION
C6PPC	6MM PPC .261
C30378	30/378 WBY
C338L	338 LAPUA
C9374	9.3X74R
C375R	375 RUGER
C450	450-400 NITRO EXPRESS 3"
C450325	450-400 NITRO EXPRESS 3.25"
C405	405 WIN
C416R	416 RIGBY
C416RG	416 RUGER
C450NE	450 NITRO EXPRESS
C458W	458 WIN
C458L	458 LOTT
C470N	470 NITRO EXPRESS
C500N	500 NITRO EXPRESS 3"

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 solves that problem by measuring rounds from a reliable surface on the bullet – the ogive – to provide consistent, precise measurements. The Bullet Comparator is also used to check uniformity of bullets from base to ogive.

Our Bullet Comparator easily attaches to the blade of your caliper with a thumbscrew and uses interchangeable bushings to measure from the bullet ogive. These bushings are available in fourteen sizes from .17 caliber to .45 caliber.

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).

Anvil Base Kit No. AB1



LOCK-N-LOAD® HEADSPACE COMPARATOR

The Lock-N-Load® Headspace Comparator is the best method we've found to extend brass life, improve accuracy, and enhance safety. The gauge measures variations in your brass before and after firing or re-sizing. It allows for headspace comparison between fire-formed brass and your re-sized brass. Any of five interchangeable bushings are attached to your caliper using the same body as found on our Bullet Comparator.

The five bushings that come with the Lock-N-Load® Headspace Comparator provide the ability to check most bottleneck cases, from .17 Rem through the 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.

Body with 5 Bushing Set No. HK66

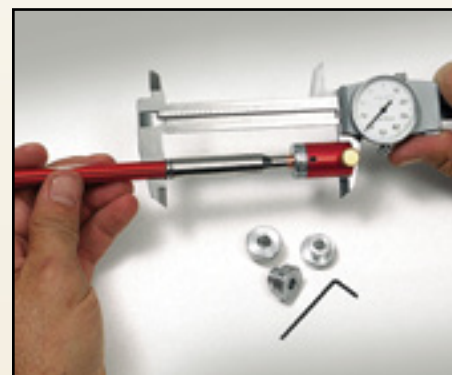
5 Bushings Only No. HK55



Determining the proper bushing diameter: If you add the neck diameter and the shoulder diameter and divide that number by two, and the bushing closest to that number.

LOCK-N-LOAD® HEADSPACE BUSHINGS

G .240"	A .330"	B .350"	C .375"		D .400"	E .420"	F .188"
17 Hornet	.17 Rem	22PPC	6mm Rem	7.62x39 Brit	223 WSSM	6.5 x 284	264 Win Mag
	204 Ruger	22/250 Rem	257 Rob	6.5x55 Mauser	243 Win	284 Win	7mm SAUM
	221 FB	6PPC, 6BR Rem	25/06 Rem	7mm WSM	243 WSSM	7mm Rem Mag	7mm STW
	222 Rem	250 Sav	270 Win	30-40 Krag	260 Rem	7mm Ultra Mag	300 RSAUM
	222 Rem Mag	7BR Rem	7 x 57mm	6.5 Creedmoor	270 WSM	300 WSM	300 Win Mag
	223 Rem	300 Blkout	280 Rem	6.5 x47 Lapua	7mm-08 Rem	300 Wby Mag	300 Ultra Mag
	220 Swift	6.5 Grendel	30-30 Win		300 Sav	325 WSM	8mm Rem Mag
			30/06		308 Win	338 Win Mag	338 Ultra Mag
			300 H&H		35 Rem	350 Rem Mag	35 Whelan
						375 H&H Mag	



LOCK-N-LOAD® BULLET COMPARATOR

Bullet Comparator – Basic Set No. B234

Comparator body and 6 bullet inserts for bullet diameters: .224" (5.56mm), .243" (6mm), .257," .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," .277," .284" (7mm), .308," .338," .358," .375," .416," .458"



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 all .17 and .22 caliber rimfire ammo.

No. RF17



Reloading Dies



Alignment sleeve/
crimp stop position



Full-Length Sizing Die

Standard Seating Die

Taper Crimp/Seating Die

① *Zip Spindle™ Design*

The Zip Spindle™ design on all full length size dies positively locks to eliminate slippage. A series of light threads cut on both the spindle and spindle collet allows you to make incremental adjustments by turning the spindle or you can easily “zip it” up or down for larger movements.

② *Smooth Finish*

Internal die profile is precision machined and polished to a smooth finish that delivers 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 your cases.

③ *Lock Rings with Wrench Flats*

The Hornady Sure-Loc™ lock rings clamp around the entire die applying constant pressure across the threads to hold the ring in place. The locking screw tightens the ring without ever 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 also 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 washer 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.

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 crimpers for benchrest precision. Bullets are aligned in the sleeve as they enter the die for optimum seating and enhanced accuracy.

**For a full list
of available dies,
see the charts on
pages 84-87.**



Standard Expanding Die

Straight Wall Sizing Die

⑨ Built-in Crimper

The built-in crimper gives you the option of 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

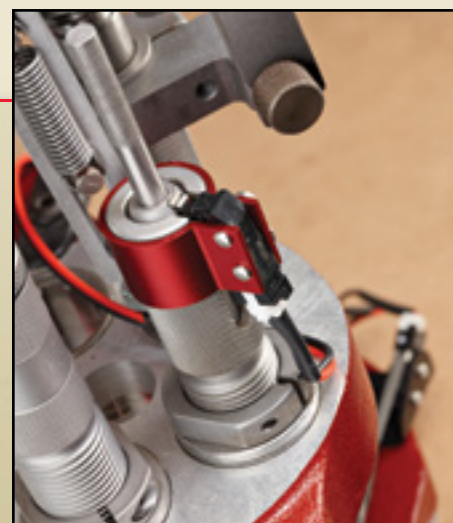
These dies put a consistent slight "bell" or flare on straight-walled rifle or pistol case mouths. They prepare the case so powder and bullet insertion are smoother.

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 also means less wear on cases, for longer case life. Spindle locks in place with collet lock for positive decap and easy adjustment.

**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 smoother 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're guaranteed never to break or wear out from normal use.



POWDER SAFEGUARD DIE

Specifically designed for straight-walled pistol cartridges, the Powder Safeguard Die checks for no-charge and double charge cases.

See page 64 for more information.



Match Grade™ Dies



1. SELF-CENTERING SPINDLE

Free-floating spindle design ensures precise, concentric neck expansion.

2. KNURLED SPINDLE LOCK

Makes changing neck sizing bushings fast and easy.

3. SPINDLE ADJUST WITH O-RING

Provides slight tension for fine adjustments, and holds setting once in place.

4. BUSHING (SOLD SEPARATELY)

Available in .002" increments, these bushings fully eliminate neck resizing problems. Tight tolerances here translate into tighter groups.

5. REPLACEABLE HEADED DECAP PIN

The replaceable decap pin is unique to Hornady® Dies.

6. ELLIPTICAL EXPANDER

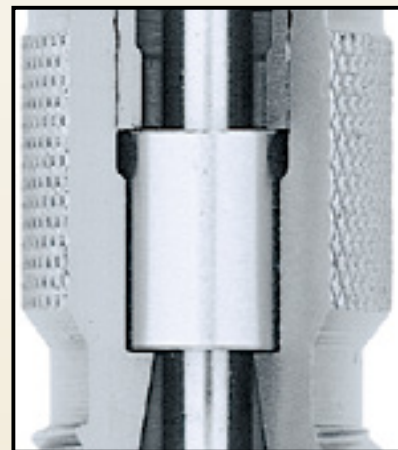
Our Match Grade™ Dies ship with both an elliptical expander and a replaceable decap pin retainer, allowing more versatility for user preference.

Get match-winning performance from your press with Hornady® Match Grade™ dies.

Hornady® Match Grade™ Dies give you total control over neck tension in the resizing process. 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.

Available in two styles; full-length sizing and shoulder bump neck size. Both styles utilize interchangeable neck size bushings. Select the bushing your cartridge requires to complete your Match Grade™ Die.

***Bushings sold separately.**



MATCH™ GRADE DIES

CARTRIDGE	Full-Length Die	Neck-Size Die	Primer Punch Size	Shell Holder	Trimmer Pilot	Bullet Puller Collet
223 Rem	544229	544227	Small	#16	#1	#2
6MM PPC	544255	544253	Small	#6	#3	#3
6MM BR	544251	544259	Small	#1	#3	#3
308 WIN	544359	544357	Large	#1	#9	#7

MATCH™ GRADE DIE SETS

CARTRIDGE	Full-Length Die Set	Primer Punch Size	Shell Holder	Trimmer Pilot	Bullet Puller Collet
6MM X 47 Lapua	544610	Small	#1	#3	#3
6.5MM X 47 Lapua	544650	Small	#1	#5	#4
6.5 Creedmoor	544655	Large	#1	#5	#4

SELECT THE BUSHING YOUR CARTRIDGE REQUIRES

.22 Cal. Bushings		6MM Bushings		6.5MM Bushings		.30 Cal. Bushings	
.242 Bushing	No. 594242	.260 Bushing	No. 594260	.284 Bushing	No. 594284	.332 Bushing	No. 594332
.244 Bushing	No. 594244	.262 Bushing	No. 594262	.286 Bushing	No. 594286	.334 Bushing	No. 594334
.246 Bushing	No. 594246	.264 Bushing	No. 594264	.288 Bushing	No. 594288	.336 Bushing	No. 594336
.248 Bushing	No. 594248	.266 Bushing	No. 594266	.290 Bushing	No. 594290	.338 Bushing	No. 594338

DIE STORAGE BOXES

Every Hornady® die set comes in a convenient box that's compartmentalized for dies, bushings, shell holders and a taper crimp die. Stackable and clearly labeled, they offer an organized and clean approach to storing your dies.

No. 544600



Custom Dies

Hornady® Custom Made Dies are manufactured to the customer's specifications.

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.

2-DIE SET		
Case Length	Description	Price
2.60" or less	Full-Length Die Set	\$170.00
	Neck Size Die Set	\$170.00
2.601" to 2.999"	Full-Length Die Set	\$185.00
	Neck Size Die Set	\$185.00
3.00" or more	Full-Length Die Set	\$380.00
	Neck Size Die Set	\$380.00

2-DIE SET MATCH GRADE		
Case Length	Description	Price
2.60" or less	Full-Length Die Set	\$210.00
	Neck Size Die Set	\$210.00
2.601" to 2.999"	Full-Length Die Set	\$225.00
	Neck Size Die Set	\$225.00
3.00" or more	Full-Length Die Set	CALL
	Neck Size Die Set	CALL

3-DIE SET	
Case Length	Price
2.60" or less	\$205.00
2.601" to 2.999"	\$215.00
3.00" or more	CALL

4-DIE SET	
Description	Price
Handgun	\$240.00

RADIUS SHOULDER DIES	
Description	Price
2.60" or less	\$200.00
2.601" to 2.999"	\$215.00
3.00" or more	CALL

SINGLE FORM DIE		
Case Length	Description	Price
2.60" or less	Form Die	\$93.00
	Form Die with Reamer	\$157.00
	File Type Trim Die	\$105.00
2.601" to 2.999"	Form Die	\$105.00
	Form Die with Reamer	\$180.00
	File Type Trim Die	\$117.00
3.00" or more	Form Die	CALL
	Form Die with Reamer	CALL
	File Type Trim Die	CALL

SINGLE CUSTOM DIE		
Case Length	Description	Price
2.60" or less	Neck Size Die	\$140.00
	Full-Length Die	\$140.00
	Expander Die	\$93.00
	Bullet Seating Die	\$85.00
	Taper Crimp Die	\$93.00
	Body/Shoulder Bump	\$142.00
	Neck/Shoulder Bump	\$142.00
	Match Grade FL Size	\$180.00
2.601" to 2.999"	Match Grade Neck	\$180.00
	Neck Size Die	\$155.00
	Full-Length Die	\$155.00
	Expander Die	\$106.00
	Bullet Seating Die	\$88.00
	Taper Crimp Die	\$106.00
	Body/Shoulder Bump	\$172.00
	Neck/Shoulder Bump	\$172.00
3.00" or more	Match Grade FL Size	\$195.00
	Match Grade Neck	\$195.00
	Neck Size Die	CALL
	Full-Length Size Die	CALL
	Expander Die	CALL
3.00" or more	Bullet Seating Die	CALL
	Taper Crimp Die	CALL

2.601" to 2.999"	Neck Size Die	\$155.00
	Full-Length Die	\$155.00
	Expander Die	\$106.00
	Bullet Seating Die	\$88.00
	Taper Crimp Die	\$106.00
	Body/Shoulder Bump	\$172.00
	Neck/Shoulder Bump	\$172.00
	Match Grade FL Size	\$195.00
	Match Grade Neck	\$195.00

3.00" or more	Neck Size Die	CALL
	Full-Length Size Die	CALL
	Expander Die	CALL
	Bullet Seating Die	CALL
	Taper Crimp Die	CALL

HYDRAULIC FORM DIE KIT	
Description	Price
2.60" or less	\$180.00
2.601" to 2.999"	\$201.00

CUSTOM ACCESSORIES	
Description	Price
AP Shell Plate	\$135.00
Universal Shell Holder	\$60.00
Case Trimmer Pilot	\$70.00
Elliptical Expander	\$70.00
Custom Mandrel under .375"	\$70.00
Neck-Turning Mandrel over .375"	\$70.00
Bullet Seating Stem	\$60.00
Bullet Alignment Sleeve	\$85.00

Prices based on 7/8" x 14 die stock.
Note: For case diameters over .585" call for price. Non-standard bullet diameters must add \$50.00 to each die. Call for delivery and lead times.
Payment due at time of order.
1" x 14 Dies - call for price
1 1/4" x 12 Dies - call for price
1 1/2" x 12 Dies - call for price

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, component expense, and barrel wear.



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)

Please call for further information or to place an order.

800-338-3220



Individual Dies & Accessories.....

Custom Bullet Seating Stems

These seating stems are designed to fit Hornady® Custom-Grade™ Dies, and are machined to fit the profile of the A-MAX® and FTX® bullets to seat them as precisely as possible. *(Not compatible with other manufacturers' dies.)*

CUSTOM A-MAX® BULLET SEATING STEMS

Size	Item No.
22 Cal	397100
6MM	397103
6.5MM	397106
7MM	397107
30 Cal (155-178 gr.)	397108
30 Cal (208 gr.)	397109

CUSTOM FTX® BULLET SEATING STEMS

Size	Item No.
308 MX / 30 Cal / .308 / 160 gr. / 140 gr. MonoFlex (30-30)	397115
35 Rem / 35 Cal / .358 / 200 gr.	397116
444 Marlin / 44 Cal / .430 / 265 gr.	397117
460 S&W / 45 Cal / .452 / 200 gr.	397118
450BM / 45 Cal / .452 / 250 gr.	397119
45-70 / 45 Cal / .458 / 325 gr. / 250 gr. MonoFlex	397120
500 S&W / 50 Cal / .500 / 300 gr.	397121

DECAPPING DIE

The Hornady® decapping die is here by popular demand. Customers have been asking for a universal decapping die to decap military cases that have swaged primer pockets and are hard on conventional sizing/decapping dies.

No. 050085



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 semi-automatic handguns.



Cartridge	Item No.
9mm Luger/9x21 RN/HP 38 Super Auto/380 Auto	044170
10mm Auto - 40 S&W	044171
45 ACP/WM 45 AR	044172
450 Bushmaster	044176
454 Casull	044588
460 S&W	044722
480 Ruger/475 Linebaugh	044174
500 S&W	044702

MICROJUST™ SEATING STEM

Add the MicroJust™ to a Hornady® seating die, and you can precisely set bullet seating depth in .001" increments. (Not compatible with Taper Crimp Dies or Pistol Seating Dies.) It's an economical way to achieve accurate bullet seating depth for benchrest accuracy and consistency without the extra cost of another die. Hornady® die sets already include an in-line seater; simply replace the standard seating adjustment stem with the MicroJust™ seating stem.

No. 044090



SURE-LOC™ LOCK RINGS

Lets you make precise adjustments 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. Most other die rings lock by jamming a set screw directly into the threads.

WRENCH FLATS:

Remove and replace dies without pliers ruining the lock ring.

No. 044000

6 Pack No. 044606

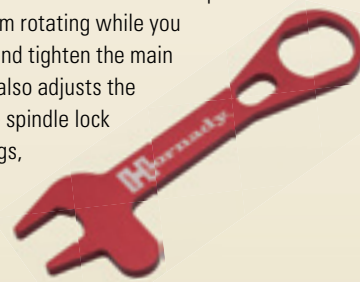


Compatible with any brand 7/8"x14 dies.

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.

No. 396495



HORNADY® DIE WRENCH

Fits the flats of the Custom Grade™ dies spindle assembly, lock rings and die body.

No. 396490



BLANK AMMUNITION DIE SET

Some shooters have a need for dies to load blanks and Hornady® engineers have delivered. They devised a set of dies that allow the loading of blanks for all popular cartridges, from the 223 through the 45-70. These dies are compatible with all 7/8" x 14 TPI presses.

No. 544591



All Hornady® dies are warranted against defects in material and workmanship for the life of the product.

Rifle 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.

Rifle Cartridge

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.
17 HORNET	.172	546118	I	046202	044101	—	—	—	#3/390543	#3/392603	Sm Rfl/095314	—	*3/390942	Small	#1/392154
17 REM FIREBALL	.172	546117	I	046200	044101	—	—	—	#16/390556	#16/392616	Sm Rfl/095314	—	*3/390942	Small	#1/392154
17 REM	.172	546200	III	046201	044101	—	—	—	#16/390556	#16/392616	Sm Rfl/095314	—	*3/390942	Small	#1/392154
17/222	.172	546202	IV	—	—	—	—	—	#16/390556	#16/392616	Sm Rfl/095314	—	*3/390942	Small	#1/392154
17/223	.172	546204	IV	—	—	—	—	—	#16/390556	#16/392616	Sm Rfl/095314	—	*3/390942	Small	#1/392154
20 VT	.204	546205	III	046206	044139	—	—	046038	#16/390556	#16/392616	Sm Rfl/095314	—	#22/390940	Small	#14/392167
20 TACTICAL	.204	546209	III	046208	044139	—	—	046038	#16/390556	#16/392616	Sm Rfl/095314	—	#22/390940	Small	#14/392167
204 RUGER	.204	546201	I	046590	044139	—	—	046038	#16/390556	#16/392616	Sm Rfl/095314	—	#22/390940	Small	#14/392167
22 HORNET	.224	546212	I	046213	044102	—	—	046066	#3/390543	#3/392603	Sm Rfl/095314	—	#1/390943	Small	#2/392155
22 K-HORNET	.224	546214	IV	—	—	—	—	046066	#3/390543	#3/392603	Sm Rfl/095314	—	#1/390943	Small	#2/392155
5.7x28 FN	.224	546203	III	046212	044136	—	—	—	#37/390577	—/—	Sm Rfl/095314	—	#1/390943	Small	#2/392155
218 BEE	.224	546206	IV	—	—	—	—	046066	#7/390547	#7/392607	Sm Rfl/095314	—	#1/390943	Small	#2/392155
221 REM FIREBALL	.224	546210	III	046211	044102	—	—	046040	#16/390556	#16/392616	Sm Rfl/095314	—	#1/390943	Small	#2/392155
222 REM	.224	546224	I	046225	044102	—	—	046040	#16/390556	#16/392616	Sm Rfl/095314	—	#1/390943	Small	#2/392155
223 REM	.224	546228	I	046229	044102	—	—	046040	#16/390556	#16/392616	Sm Rfl/095314	095340	#1/390943	Small	#2/392155
223 REM MATCH	.224	—	—	544229	044102	—	—	544227	#16/390556	#16/392616	Sm Rfl/095314	095340	#1/390943	Small	#2/392155
22 PPC	.224	546216	IV	—	—	—	—	046053	#6/390546	#6/392606	Sm Rfl/095314	—	#1/390943	Small	#2/392155
5.6x50 MAG	.224	546234	IV	—	—	—	—	046040	#16/390556	#16/392616	Sm Rfl/095314	—	#1/390943	Small	#2/392155
219 ZIPPER	.224	546208	IV	—	—	—	—	046040	#2/390542	#2/392602	Lg Rfl/095316	—	#1/390943	Large	#2/392155
225 WIN	.224	546232	III	046233	044127	—	—	046040	#4/390544	#4/392604	Lg Rfl/095316	—	#1/390943	Large	#2/392155
224 WBY	.224	546230	IV	—	—	—	—	046040	#17/390557	—/—	Lg Rfl/095316	—	#1/390943	Large	#2/392155
22/250 REM	.224	546220	I	046221	044102	—	—	046040	#1/390541	#1/392601	Lg Rfl/095316	—	#1/390943	Large	#2/392155
22/250 ACKLEY IMP	.224	546219	IV	—	—	—	—	046040	#1/390541	#1/392601	Lg Rfl/095316	—	#1/390943	Large	#2/392155
220 SWIFT	.224	546222	I	046223	044127	—	—	046054	#4/390544	#4/392604	Lg Rfl/095316	—	#1/390943	Large	#2/392155
5.6x57	.224	546236	IV	—	—	—	—	—	#1/390541	#1/392601	Lg Rfl/095316	—	#1/390943	Large	#2/392155
223 WIN SS MAG	.224	546223	I	046558	044707	—	—	—	#35/390575	#35/392635	Lg Rfl/095316	—	#1/390943	Large	#2/392155
22/6MM	.224	546249	III	046238	044127	—	—	046054	#1/390541	#1/392601	Lg Rfl/095316	—	#1/390943	Large	#2/392155
22 SAV HP	.227	546240	IV	—	—	—	—	—	#2/390542	#2/392602	Lg Rfl/095316	—	#2/390944	Large	#2/392155
5.6x52R	.227	546238	IV	—	—	—	—	—	#2/390542	#2/392602	Lg Rfl/095316	—	#2/390944	Large	#2/392155
6MM/223	.243	546248	IV	—	—	—	—	046047	#16/390556	#16/392616	Sm Rfl/095314	—	#3/390945	Small	#3/392156
6MM TCU	.243	546256	IV	—	—	—	—	046047	#16/390556	#16/392616	Sm Rfl/095314	—	#3/390945	Small	#3/392156
6x47 REM	.243	546258	IV	—	—	—	—	046047	#16/390556	#16/392616	Sm Rfl/095314	—	#3/390945	Small	#3/392156
6x47 LAPUA MATCH	.243	—	—	—	—	—	—	—	#1/390541	#16/392616	Sm Rfl/095314	—	#3/390945	Small	#3/392156
6MM PPC	.243	546254	IV	—	—	—	—	046052	#6/390546	#6/392606	Sm Rfl/095314	—	#3/390945	Small	#3/392156
6MM PPC MATCH	.243	—	—	544255	—	—	—	544253	#6/390546	#6/392606	Sm Rfl/095314	—	#3/390945	Small	#3/392156
6MM INT	.243	546252	IV	—	—	—	—	046041	#1/390541	#1/392601	Lg Rfl/095316	—	#3/390945	Large	#3/392156
6MM REM BR	.243	546432	IV	—	—	—	—	046047	#1/390541	#1/392601	Sm Rfl/095314	—	#3/390945	Small	#3/392156
6MM REM BR MATCH	.243	—	—	544251	—	—	—	544259	#1/390541	#1/392601	Sm Rfl/095314	—	#3/390945	Small	#3/392156
6MM HAGAR	.243	546303	IV	—	—	—	—	—	#12/390552	#12/392612	Sm Rfl/095314	—	#3/390945	Large	#3/392156
6MM CREEDMOOR	.243	546295	IV	—	—	—	—	046041	#1/390541	#1/392601	Lg Rfl/095316	—	#3/390945	Large	#3/392156
243 WIN	.243	546244	I	046245	044103	—	—	046041	#1/390541	#1/392601	Lg Rfl/095316	—	#3/390945	Large	#3/392156
244/6MM REM	.243	546246	I	046247	044103	—	—	046041	#1/390541	#1/392601	Lg Rfl/095316	—	#3/390945	Large	#3/392156
6MM/284	.243	546250	IV	—	—	—	—	046041	#1/390541	#1/392601	Lg Rfl/095316	—	#3/390945	Large	#3/392156
240 WBY	.243	546242	IV	—	—	—	—	046041	#1/390541	#1/392601	Lg Rfl/095316	—	#3/390945	Large	#3/392156
243 WIN SS MAG	.243	546225	I	046557	044104	—	—	—	#35/390575	#35/392635	Lg Rfl/095316	—	#3/390945	Large	#3/392156
25/20 WIN	.257	546264	IV	—	—	—	—	—	#7/390547	#7/392607	Sm Rfl/095314	—	#4/390946	Small	#4/392157
256 WIN	.257	546272	IV	—	—	—	—	—	#6/390546	#6/392606	Sm Rfl/095314	—	#4/390946	Large	#4/392157
25/35 WIN	.257	546266	IV	—	—	—	—	—	#2/390542	#2/392602	Lg Rfl/095316	—	#4/390946	Large	#4/392157
25 REM	.257	546260	III	046276	044104	—	—	—	#12/390552	#12/392612	Lg Rfl/095316	—	#4/390946	Large	#4/392157
250 SAV	.257	546270	IV	—	—	—	—	046042	#1/390541	#1/392601	Lg Rfl/095316	—	#4/390946	Large	#4/392157
257 ROBERTS	.257	546274	III	046275	044104	—	—	046042	#1/390541	#1/392601	Lg Rfl/095316	—	#4/390946	Large	#4/392157
25 WIN SS MAG	.257	546263	IV	—	—	—	—	—	#35/390575	#35/392635	Lg Rfl/095316	—	#4/390946	Large	#4/392157
25/06 REM	.257	546262	I	046263	044104	—	—	046042	#1/390541	#1/392601	Lg Rfl/095316	—	#4/390946	Large	#4/392157
25/284	.257	546268	IV	—	—	—	—	046042	#1/390541	#1/392601	Lg Rfl/095316	—	#4/390946	Large	#4/392157
257 WBY	.257	546276	III	046277	044104	—	—	046042	#5/390545	#5/392605	Lg Rfl/095316	—	#4/390946	Large	#4/392157
6.5MMx47 MATCH	.264	544650	—	—	—	—	—	—	#1/390541	—/—	—/—	—	#5/390947	Small	#4/392157
6.5MM TCU	.264	546296	IV	—	—	—	—	046048	#16/390556	#16/392616	Sm Rfl/095314	—	#5/390947	Small	#4/392157
6.5 GRENDDEL	.264	546291	I	046598	044164	—	—	—	#6/390546	#6/392606	Sm Rfl/095314	—	#5/390947	Large	#4/392157
6.5 JAP	.264	546290	III	046291	044106	—	—	046043	#34/390574	—/—	Lg Rfl/095316	—	#5/390947	Large	#4/392157

* 17 cal. trimmer pilots include a cutter for the Hornady® Cam Lock™ Trimmer.



Rifle Dies & Reloading Essentials

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.
6.5 JDJ	.264	—	—	—	—	—	—	046043	#4 / 390544	#4 / 392604	Lg Rfl / 095316	—	#5 / 390947	Large	#4 / 392157
6.5 MANN/SCH.	.264	546292	IV	—	—	—	—	046043	#20 / 390560	— / —	Lg Rfl / 095316	—	#5 / 390947	Large	#4 / 392157
6.5x55/SCAN.	.264	546282	I	046283	044106	—	—	046043	#19 / 390559	#19 / 392619	Lg Rfl / 095316	—	#5 / 390947	Large	#4 / 392157
260 REM	.264	546269	III	046441	044106	—	—	046043	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#5 / 390947	Large	#4 / 392157
6.5 CREEDMOOR	.264	546289	I	046596	044106	—	—	046043	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#5 / 390947	Large	#4 / 392157
6.5 CREEDMOOR MATCH	.264	544655	—	—	—	—	—	—	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#5 / 390947	Large	#4 / 392157
6.5x57	.264	546284	III	046285	044106	—	—	046043	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#5 / 390947	Large	#4 / 392157
6.5/284	.264	546301	III	046443	044106	—	—	046043	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#5 / 390947	Large	#4 / 392157
6.5/06	.264	546280	III	046281	044123	—	—	046043	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#5 / 390947	Large	#4 / 392157
6.5 REM MAG	.264	546294	IV	—	—	—	—	046043	#5 / 390545	#5 / 392605	Lg Rfl / 095316	—	#5 / 390947	Large	#4 / 392157
264 WIN MAG	.264	546278	III	046279	044123	—	—	046043	#5 / 390545	#5 / 392605	Lg Rfl / 095316	—	#5 / 390947	Large	#4 / 392157
6.5x68	.264	546286	III	046287	044123	—	—	046043	#30 / 390570	#30 / 392630	Lg Rfl / 095316	—	#5 / 390947	Large	#4 / 392157
26 NOSLER	.264	546279	III	046280	044191	—	—	046043	#5 / 390545	#5 / 392605	Lg Rfl / 095316	—	#5 / 390947	Large	#4 / 392157
6.5 CARC	.268	546288	III	046289	044134	—	—	046043	#21 / 390561	— / —	Lg Rfl / 095316	—	#5 / 390947	Large	#4 / 392157
6.8MM REM SPC	.277	546299	III	046711	044713	—	—	—	#12 / 390552	#12 / 392612	Lg Rfl / 095316	—	#6 / 390948	Small	#5 / 392158
270 REN	.277	—	—	—	—	—	—	—	#3 / 390543	#3 / 392603	Sm Rfl / 095314	—	#6 / 390948	Small	#5 / 392158
270 WIN	.277	546300	I	046301	044107	—	—	046051	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#6 / 390948	Large	#5 / 392158
270 WIN SHORT MAG	.277	546297	I	046450	044161	—	—	046055	#35 / 390575	#35 / 392635	Lg Rfl / 095316	—	#6 / 390948	Large	#5 / 392158
270 WBY	.277	546298	III	046299	044107	—	—	046051	#5 / 390545	#5 / 392605	Lg Rfl / 095316	—	#6 / 390948	Large	#5 / 392158
7MM/223 INGRAM	.284	546318	IV	—	—	—	—	046049	#16 / 390556	#16 / 392616	Sm Rfl / 095314	—	#7 / 390949	Small	#6 / 392159
7MM TCU	.284	546328	IV	—	—	—	—	046049	#16 / 390556	#16 / 392616	Sm Rfl / 095314	—	#7 / 390949	Small	#6 / 392159
7x47 HELM	.284	546306	IV	—	—	—	—	046049	#16 / 390556	#16 / 392616	Sm Rfl / 095314	—	#7 / 390949	Large	#6 / 392159
7MM REM BR	.284	546324	IV	—	—	—	—	046049	#1 / 390541	#1 / 392601	Sm Rfl / 095314	—	#7 / 390949	Large	#6 / 392159
7x30 WATERS	.284	546304	IV	—	—	—	—	046049	#2 / 390542	#2 / 392602	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
7MM MERRILL	.284	546322	IV	—	—	—	—	046044	#4 / 390544	#4 / 392604	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
7MM/08 REM	.284	546316	I	046317	044108	—	—	046044	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
7x57-7MM MAUSER	.284	546308	I	046309	044133	—	—	046044	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
7x57R	.284	—	—	—	—	—	—	046044	#13 / 390553	#13 / 392613	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
284 WIN	.284	546302	III	046303	044108	—	—	046044	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
280 REM/7MM EXP	.284	546320	I	046321	044133	—	—	046044	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
280 ACKLEY IMP	.284	546321	III	046304	044133	—	—	046044	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
7x65R	.284	546314	IV	046315	044133	—	—	046044	#13 / 390553	#13 / 392613	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
7x61 S&H	.284	546310	IV	—	—	—	—	046044	#35 / 390575	#35 / 392635	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
7x64	.284	546312	IV	046313	044133	—	—	046044	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
7MM REM SA ULTRA MAG	.284	546309	III	046452	044108	—	—	046056	#5 / 390545	#5 / 392605	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
7MM REM MAG	.284	546326	I	046327	044133	—	—	046044	#5 / 390545	#5 / 392605	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
7MM WIN SHORT MAG	.284	546327	I	046451	044108	—	—	046056	#35 / 390575	#35 / 392635	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
7MM WBY	.284	546330	III	046331	044133	—	—	046044	#5 / 390545	#5 / 392605	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
7MM STW	.284	546440	IV	—	—	—	—	046044	#5 / 390545	#5 / 392605	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
7MM REM ULTRA MAG	.284	546307	III	046454	044133	—	—	046056	#5 / 390545	#5 / 392605	Lg Rfl / 095316	—	#7 / 390949	Large	#6 / 392159
7.35 CARC	.300	546332	IV	—	—	—	—	—	#21 / 390561	— / —	Lg Rfl / 095316	—	#8 / 390950	Large	#7 / 392160
30 M1 CARB	.308	546503	II	046504	044142	044505	—	—	#22 / 390562	#22 / 392622	Sm Rfl / 095314	—	#9 / 390951	Small	#7 / 392160
30 REM	.308	—	—	—	—	—	—	046050	#12 / 390552	#12 / 392612	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
30 BLACKOUT (WHISPER)	.308	546349	I	046459	044165	—	—	—	#16 / 390556	#16 / 392616	Sm Rfl / 095314	—	#9 / 390951	Small	#7 / 392160
30 HERRETT	.308	546334	IV	—	—	—	—	046050	#2 / 390542	#2 / 392602	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
30/30 WIN	.308	546342	I	046343	044111	—	—	046050	#2 / 390542	#2 / 392602	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
30/30 ACKLEY IMP	.308	546345	IV	—	—	—	—	046050	#2 / 390542	#2 / 392602	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
303 SAV	.308	546354	IV	—	—	—	—	046050	#33 / 390573	— / —	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
300 SAV	.308	546348	III	046349	044111	—	—	046050	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
30 MERRILL	.308	546338	IV	—	—	—	—	046050	#4 / 390544	#4 / 392604	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
308 MARLIN EXP	.308	546357	I	046358	044111	—	—	046045	#27 / 390567	#27 / 392627	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
307 WIN	.308	—	—	—	—	—	—	046045	#33 / 390573	— / —	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
7.5 SWISS (7.5X55)	.308	546360	III	046361	044111	—	—	046045	#2 / 390542	#2 / 392602	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
7.5 SWISS K31	.308	546361	III	046362	044111	—	—	046045	#2 / 390542	— / —	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
308 WIN	.308	546358	I	046359	044111	—	—	046045	#1 / 390541	#1 / 392601	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160
308 WIN MATCH	.308	—	—	544359	—	—	—	544357	#1 / 390541	#1 / 392601	Lg Rfl / 095316	095345	#9 / 390951	Large	#7 / 392160
7.62 RUSS	.308	546362	III	046363	044111	—	—	046050	#23 / 390563	#23 / 392623	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
30/40 Krag	.308	546344	IV	—	—	—	—	046045	#11 / 390551	#11 / 392611	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
30 TC	.308	546335	I	046336	044111	—	—	046045	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
30/06	.308	546340	I	046341	044112	—	—	046045	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
30/06 ACKLEY IMP	.308	546341	IV	—	—	—	—	046045	#1 / 390541	#1 / 392601	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
300 H&H	.308	546346	IV	—	—	—	—	046045	#5 / 390545	#5 / 392605	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
300 OLYMPIC	.308	546355	IV	—	—	—	—	—	#35 / 390575	#35 / 392635	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
300 REM SA ULTRA MAG	.308	546347	I	046455	044160	—	—	046057	#5 / 390545	#5 / 392605	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
308 NORMA MAG	.308	546356	IV	—	—	—	—	046045	#5 / 390545	#5 / 392605	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
300 WIN SHORT MAG	.308	546369	I	046453	044160	—	—	046057	#35 / 390575	#35 / 392635	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
300 RCM	.308	546353	I	046592	044111	—	—	046045	#5 / 390545	#5 / 392605	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
300 WIN MAG	.308	546352	I	046353	044112	—	—	046045	#5 / 390545	#5 / 392605	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160
300 WBY	.308	546350	I	046351	044112	—	—	046045	#5 / 390545	#5 / 392605	Lg Rfl / 095316	—	#9 / 390951	Large	#7 / 392160

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.
300 REM ULTRA MAG	.308	546365	I	046447	044159	—	—	046057	#5/390545	#5/392605	Lg Rfl/095316	—	#9/390951	Large	#7/392160
30/378 WBY	.308	546419	IV	—	—	—	—	046057	#14/390554	#14/392614	Lg Rfl/095316	—	#9/390951	Large	#7/392160
309 JDJ	.308	—	—	—	—	—	—	046045	#27/390567	—/—	Lg Rfl/095316	—	#9/390951	Large	#7/392160
7.62x39	.308	546424	I	046425	044126	—	—	—	#6/390546	#6/392606	Sm Rfl/095314	—	#9/390951	Large	#7/392160
BLANK CART 22-45 CAL	—	544591	IV	—	—	—	—	—/—	—/—	—/—	—/—	—	—/—	—	—/—
32/20 WIN	.311	546364	III	046365	044113	—	—	—	#7/390547	#7/392607	Sm Rfl/095314	—	#9/390951	Small	#7/392160
7.65 BELG	.312	546368	III	046369	044114	—	—	—	#24/390564	—/—	Lg Rfl/095316	—	#10/390952	Large	#7/392160
303 BRITISH	.312	546366	I	046367	044114	—	—	—	#11/390551	#11/392611	Lg Rfl/095316	—	#10/390952	Large	#7/392160
7.7 JAP	.312	546370	III	046371	044114	—	—	—	#1/390541	#1/392601	Lg Rfl/095316	—	#10/390952	Large	#7/392160
32/40 WIN	.321	546374	IV	—	—	—	—	—	#2/390542	#2/392602	Lg Rfl/095316	—	#11/390953	Large	#8/392161
32 WIN SPL	.321	546372	IV	—	—	—	—	—	#2/390542	#2/392602	Lg Rfl/095316	—	#11/390953	Large	#8/392161
32 REM	.321	—	—	—	—	—	—	—	#12/390552	#12/392612	Lg Rfl/095316	—	#12/390954	Large	#8/392161
7.92x33 KURZ	.323	546375	III	046376	044137	—	—	—	#1/390541	#1/392601	Sm Rfl/095314	—	#11/390953	Large	#8/392161
8MM MAUS	.323	546382	I	046383	044116	—	—	—	#1/390541	#1/392601	Lg Rfl/095316	—	#11/390953	Large	#8/392161
8x60S	.323	546376	III	046377	044116	—	—	—	#1/390541	#1/392601	Lg Rfl/095316	—	#11/390953	Large	#8/392161
8MM/06	.323	546380	IV	—	—	—	—	—	#1/390541	#1/392601	Lg Rfl/095316	—	#11/390953	Large	#8/392161
8x50R LEBEL	.323	546383	IV	—	—	—	—	—	#49/390605	—/—	Lg Rfl/095316	—	#11/390953	Large	#8/392161
325 WSM	.323	546387	IV	—	—	—	—	—	#35/390575	#35/392635	Lg Rfl/095316	—	#11/390953	Large	#8/392161
8x68S	.323	546378	IV	—	—	—	—	—	#30/390570	#30/392630	Lg Rfl/095316	—	#11/390953	Large	#8/392161
8MM REM MAG	.323	546384	IV	—	—	—	—	—	#5/390545	#5/392605	Lg Rfl/095316	—	#11/390953	Large	#8/392161
8.15X46R	.324	546386	IV	—	—	—	—	—	#2/390542	#2/392602	Lg Rfl/095316	—	#11/390953	Large	#8/392161
8x56 HUNGARIAN-MANN	.329	546385	IV	—	—	—	—	—	#47/390603	—/—	Lg Rfl/095316	—	#11/390953	Large	#8/392161
33 WIN	.338	546388	IV	—	—	—	—	046058	#14/390554	#14/392614	Lg Rfl/095316	—	#13/390955	Large	#9/392162
338 FEDERAL	.338	546397	III	046595	044131	—	—	046058	#1/390541	#1/392601	Lg Rfl/095316	—	#13/390955	Large	#9/392162
338 MARLIN EXPRESS	.338	546359	I	046597	044131	—	—	046058	#52/390607	#52/392652	Lg Rfl/095316	—	#13/390955	Large	#9/392162
338 NORMA MAG	.338	—	—	—	—	—	—	046058	#43/390583	—/—	Lg Rfl/095316	—	#13/390955	Large	#9/392162
338/06	.338	546395	IV	—	—	—	—	046058	#1/390541	#1/392601	Lg Rfl/095316	—	#13/390955	Large	#9/392162
338 RCM	.338	546399	I	046594	044131	—	—	046058	#5/390545	#5/392605	Lg Rfl/095316	—	#13/390955	Large	#9/392162
338 WIN MAG	.338	546390	I	046391	044117	—	—	046058	#5/390545	#5/392605	Lg Rfl/095316	—	#13/390955	Large	#9/392162
340 WBY	.338	546392	IV	—	—	—	—	046058	#5/390545	#5/392605	Lg Rfl/095316	—	#13/390955	Large	#9/392162
338 ULTRA MAG	.338	546389	III	046446	044117	—	—	046058	#5/390545	#5/392605	Lg Rfl/095316	—	#13/390955	Large	#9/392162
338 LAPUA	.338	546393	III	046593	044117	—	—	046058	#43/390583	—/—	Lg Rfl/095316	—	#13/390955	Large	#9/392162
338/378 WBY	.338	546391	IV	—	—	—	—	046058	#14/390554	#14/392614	Lg Rfl/095316	—	#13/390955	Large	#9/392162
348 WIN	.348	546394	IV	—	—	—	—	—	#25/390565	—/—	Lg Rfl/095316	—	#14/390956	Large	#9/392162
35 REM	.358	546398	III	046399	044130	—	—	—	#26/390566	—/—	Lg Rfl/095316	—	#15/390957	Large	#9/392162
356 WIN	.358	—	—	—	—	—	—	046046	#33/390573	—/—	Lg Rfl/095316	—	#15/390957	Large	#9/392162
358 WIN	.358	546408	IV	—	—	—	—	046046	#1/390541	#1/392601	Lg Rfl/095316	—	#15/390957	Large	#9/392162
350 REM MAG	.358	546402	IV	—	—	—	—	—	#5/390545	#5/392605	Lg Rfl/095316	—	#15/390957	Large	#9/392162
35 WHELEN	.358	546400	III	046401	044119	—	—	046046	#1/390541	#1/392601	Lg Rfl/095316	—	#15/390957	Large	#9/392162
358 NORMA MAG	.358	546406	IV	—	—	—	—	046046	#5/390545	#5/392605	Lg Rfl/095316	—	#15/390957	Large	#9/392162
9.3x57	.366	546410	III	046411	044120	—	—	—	#1/390541	#1/392601	Lg Rfl/095316	—	#20/390962	Large	#9/392162
9.3x74R	.366	546414	III	046415	044120	—	—	—	#13/390553	#13/392613	Lg Rfl/095316	—	#20/390962	Large	#9/392162
9.3x62	.366	546412	III	046413	044120	—	—	—	#1/390541	#1/392601	Lg Rfl/095316	—	#20/390962	Large	#9/392162
375 JDJ	.375	—	—	—	—	—	—	—	#27/390567	—/—	Lg Rfl/095316	—	#16/390958	Large	#10/392163
38/55 WCF	.375	546537	IV	—	—	—	—	—	#2/390542	#2/392602	Lg Rfl/095316	—	#16/390958	Large	#10/392163
375 WIN	.375	546530	IV	—	—	—	—	—	#2/390542	#2/392602	Lg Rfl/095316	—	#16/390958	Large	#10/392163
376 STEYR	.375	546417	IV	—	—	—	—	—	#15/390555	—/—	Lg Rfl/095316	—	#16/390958	Large	#10/392163
375 H&H	.375	546416	I	046417	044121	—	—	—	#5/390545	#5/392605	Lg Rfl/095316	—	#16/390958	Large	#10/392163
375 RUGER	.375	546415	I	046418	044121	—	—	—	#5/390545	#5/392605	Lg Rfl/095316	—	#16/390958	Large	#10/392163
375 REM ULTRA MAG	.375	546450	IV	—	—	—	—	—	#5/390545	#5/392605	Lg Rfl/095316	—	#16/390958	Large	#10/392163
378 WBY	.375	546418	IV	—	—	—	—	—	#14/390554	#14/392614	Lg Rfl/095316	—	#16/390958	Large	#10/392163
450/400 NITRO EXPRESS 3"	.410	546421	IV	—	—	—	—	—	#54/390609	—/—	Lg Rfl/095316	—	#17/390959	Large	#11/392164
405 WIN	.411	546425	II	046456	044162	044571	—	—	#42/390582	—/—	Lg Rfl/095316	—	#17/390959	Large	#11/392164
10.3x60	.415	546420	IV	—	—	—	—	—	#25/390565	—/—	Lg Rfl/095316	—	#17/390959	Large	#11/392164
416 TAYLOR	.416	546427	IV	—	—	—	—	—	#5/390545	—/—	Lg Rfl/095316	—	#17/390959	Large	#11/392164
416 RIGBY	.416	546428	IV	—	—	—	—	—	#38/390578	—/—	Lg Rfl/095316	—	#17/390959	Large	#11/392164
416 RUGER	.416	546429	IV	—	—	—	—	—	#5/390545	#5/392605	Lg Rfl/095316	—	#17/390959	Large	#11/392164
416 REM MAG	.416	546426	IV	—	—	—	—	—	#5/390545	#5/392605	Lg Rfl/095316	—	#17/390959	Large	#11/392164
416 WBY	.416	546430	IV	—	—	—	—	—	#14/390554	#14/392614	Lg Rfl/095316	—	#17/390959	Large	#11/392164
404 JEFFERY	.423	546423	IV	—	—	—	—	—	#53/390608	—/—	Lg Rfl/095316	—	#17/390959	Large	#12/392165
444 MARLIN	.430	546551	II	046552	044149	044553	—	—	#27/390567	#27/392627	Lg Rfl/095316	—	#18/390960	Large	#12/392165
450 BUSHMASTER	.452	546452	V	046422	044721	044550	044176	—	#1/390541	#1/392601	Lg Rfl/095316	—	#19/390961	Large	#13/392166
458 SOCOM	.458	546464	III	046424	044190	—	—	—	#1/390541	#1/392601	Lg Rfl/095316	—	#19/390961	Small	#13/392166
45/70 GOVT	.458	546566	II	046567	044152	044568	—	—	#14/390554	#14/392614	Lg Rfl/095316	—	#19/390961	Large	#13/392166
450 MARLIN	.458	546553	II	046587	044152	044568	—	—	#5/390545	#5/392605	Lg Rfl/095316	—	#19/390961	Large	#13/392166
450 NITRO EXPRESS 3¼"	.458	546433	IV	—	—	—	—	—	#54/390609	—/—	N/A	—	#19/390961	Large	#13/392166
458 WIN MAG	.458	546569	II	046570	044153	044568	—	—	#5/390545	#5/392605	Lg Rfl/095316	—	#19/390961	Large	#13/392166
458 LOTT	.458	546465	II	046457	044153	044572	—	—	#5/390545	#5/392605	Lg Rfl/095316	—	#19/390961	Large	#13/392166
460 WBY	.458	546422	IV	—	—	—	—	—	#14/390554	#14/392614	Lg Rfl/095316	—	#19/390961	Large	#13/392166
470 NITRO EXPRESS	.474	546434	IV	—	—	—	—	—	#55/390610	—/—	N/A	—	#23/390939	Large	—/—
50/70 GOVT	.510	546462	IV	—	—	—	—	—	—/—	—/—	Lg Rfl/095316	—	#50/390937	Large	—/—
50 BEOWULF	.500	—	—	—	—	—	—	—	#6/390546	#6/392606	Lg Rfl/095316	—	#50/390937	Large	—/—
50 ALASKAN	.510	546586	IV	—	—	—	—	—	#25/390565	—/—	Lg Rfl/095316	—	#50/390937	Large	—/—
500 NITRO EXPRESS 3"	.510	546435	IV	—	—	—	—	—	#55/390610	—/—	N/A	—	#50/390937	Large	—/—



Pistol Dies & Reloading Essentials

Pistol Cartridge

	Bullet Diameter (inches)	Die Set	Die Series	Full-Length Size Die	Seating Die	Expander 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
22 RCFM-JET	.224	546218	IV	—	—	—	—	—	#6/390546	#6/392606	Sm Pstl/095310	N/A	#1/390943	Small
25 AUTO	.251	—	—	—	—	—	—	—	#37/390577	—/—	Sm Pstl/095310	N/A	#4/390946	Small
30 LUGER	.308	546336	IV	—	—	—	—	—	#8/390548	#8/392608	Sm Pstl/095310	N/A	#9/390951	Small
30 MAUSER	.309	—	—	—	—	—	—	—	#8/390548	#8/392608	Sm Pstl/095310	N/A	#9/390951	Small
32 AUTO	.311	546506	II	046507	044113	044508	—	—	#22/390562	#22/392622	Sm Pstl/095310	N/A	#10/390952	Small
32 S&W LONG/H&R/ 327 FEDERAL	.311	546509	II	046510	044143	044511	—	—	#36/390576	#36/392636	Sm Pstl/095310	N/A	#10/390952	Small
7.5 SWISS ORDEN	.312	546504	IV	—	—	—	—	—	#48/390604	—/—	Sm Pstl/095310	N/A	#10/390952	Small
8MM LEBEL REV	.326	546510	IV	—	—	—	—	—	#48/390604	—/—	Lg Pstl/095312	N/A	#11/390953	Large
380 AUTO	.355	546518	II	046519	044144	044517	—	044170	#16/390556	#16/392616	Sm Pstl/095310	095330	#15/390957	Small
TAPER CRIMP 9MM/9x21	.355	546516	II	046516	044177	044517	044177	—	#8/390548	#8/392608	—/—	N/A	#15/390957	Small
9MM LUGER/9x21	.355	546515	II	046516	044144	044517	—	044170	#8/390548	#8/392608	Sm Pstl/095310	095330	#15/390957	Small
357 SIG	.355	546575	II	046576	044144	044577	—	—	#10/390550	#10/392610	Sm Pstl/095310	N/A	#15/390957	Small
9x23	.355	546532	IV	—	—	—	—	—	#8/390548	#8/392608	Sm Pstl/095310	N/A	#15/390957	Small
38 S&W	.357	546521	IV	—	—	—	—	—	#28/390568	#28/392628	Lg Pstl/095312	N/A	#15/390957	Large
38 SUPER AUTO	.357	546524	II	046525	044144	044526	—	—	#8/390548	#8/392608	Sm Pstl/095310	N/A	#15/390957	Small
357 HERRETT	.357	546396	IV	—	—	—	—	—	#2/390542	#2/392602	Lg Pstl/095312	N/A	#15/390957	Large
357 B&D/44	.358	546404	IV	—	—	—	—	—	#30/390570	#30/392630	Lg Pstl/095312	N/A	#15/390957	Large
38 SPECIAL	.357	546527	II	046528	044145	044523	—	—	#6/390546	#6/392606	Lg Pstl/095312	095331	#15/390957	Small
357 MAGNUM	.357	546527	II	046528	044145	044523	—	—	#6/390546	#6/392606	Lg Pstl/095312	095331	#15/390957	Small
357 REM MAX	.357	546527	II	046528	044145	044523	—	—	#6/390546	#6/392606	Lg Pstl/095312	095331	#15/390957	Small
COWBOY 38-357-357 MAX	.357	546528	III	046528	044169	044591	—	—	#6/390546	#8/392608	Lg Pstl/095312	N/A	#15/390957	Small
9x18 MAKAROV	.364	546512	II	046513	044154	044514	—	—	#8/390548	#8/392608	Sm Pstl/095310	N/A	#15/390957	Small
40 S&W	.400	546533	II	046534	044146	044535	—	044171	#10/390550	#10/392610	Lg Pstl/095312	095332	#21/390941	Small
TAPER CRIMP 40 S&W	.400	546534	II	046534	—	044535	044178	044171	#10/390550	#10/392610	Lg Pstl/095312	N/A	#21/390941	Small
10MM AUTO	.400	546533	II	046534	044146	044535	—	044171	#10/390550	#10/392610	Lg Pstl/095312	095332	#21/390941	Large
TAPER CRIMP 10MM	.400	546534	II	046534	—	044535	044178	044171	#10/390550	#10/392610	Lg Pstl/095312	N/A	#21/390941	Large
38/40 WIN	.400	546536	IV	—	—	—	—	—	#9/390549	#9/392609	Lg Pstl/095312	N/A	#21/390941	Large
400 COR-BON	.400	546538	IV	—	—	—	—	—	#45/390606	#45/392645	Lg Pstl/095312	N/A	#21/390941	Large
41 AE	.410	546539	II	046540	044147	044541	—	—	#9/390549	#29/392629	Lg Pstl/095312	N/A	#17/390959	Small
41 REM MAG	.410	546539	II	046540	044147	044541	—	—	#29/390569	#29/392629	Lg Pstl/095312	N/A	#17/390959	Large
COWBOY 44/40 WIN	.429	546543	III	046460	044166	044593	—	—	#9/390549	#9/392609	Lg Pstl/095312	N/A	#18/390960	Large
44 AUTO MAG	.430	546545	IV	—	—	—	—	—	#1/390541	#1/392601	Lg Pstl/095312	095333	#18/390960	Large
44 REM MAG	.430	546548	II	046549	044148	044544	—	—	#30/390570	#30/392630	Lg Pstl/095312	N/A	#18/390960	Large
44 SPECIAL	.430	546548	II	046549	044148	044544	—	—	#30/390570	#30/392630	Lg Pstl/095312	095333	#18/390960	Large
COWBOY 44 SPCL	.430	546549	III	046549	044166	044592	—	—	#30/390570	#30/392630	Lg Pstl/095312	N/A	#18/390960	Large
445 SUPER MAG	.430	—	—	—	—	—	—	—	#30/390570	#30/392630	Lg Pstl/095312	N/A	#18/390960	Large
45 AUTO	.451	546554	II	046555	044151	044556	—	044172	#45/390606	#45/392645	Lg Pstl/095312	095334	#19/390961	Large
45 AUTO RIMMED	.451	546554	II	046555	044151	044556	—	044172	#31/390571	#31/392631	Lg Pstl/095312	095334	#19/390961	Large
45 WIN MAG	.451	546554	II	046555	044151	044556	—	044172	#1/390541	#1/392601	Lg Pstl/095312	095334	#19/390961	Large
TAPER CRIMP 45 AUTO	.451	546555	II	046555	044179	044556	044179	—	#45/390606	#45/392645	Lg Pstl/095312	095334	#19/390961	Large
COWBOY 45 COLT	.452	546581	III	046583	044168	044594	—	—	#32/390572	#32/392632	Lg Pstl/095312	095334	#19/390961	Large
45 COLT	.452	546582	II	046583	044151	044556	—	—	#32/390572	#32/392632	Lg Pstl/095312	095334	#19/390961	Large
45 SCHOFIELD	.452	546546	IV	—	—	—	—	—	#41/390581	—/—	Lg Pstl/095312	095334	#19/390961	Large
454 CASULL	.452	546584	V	046584	044151	044556	—	044588	#32/390572	#32/392632	Lg Pstl/095312	095334	#19/390961	Small
460 S&W	.452	546583	V	046720	044721	044719	—	044722	#46/390602	#46/392646	Lg Rfl/095316	095334	#19/390961	Large
455 WEBLEY	.455	—	—	—	—	—	—	—	#51/390601	—/—	Lg Pstl/095312	N/A	#19/390961	Large
480 RUGER/475 LINB	.475	546547	V	046585	044158	044586	—	044174	#14/390554	#14/392614	Lg Pstl/095312	N/A	#23/390939	Large
50 ACTION EXP	.500	546580	II	046581	044155	044582	—	—	#40/390580	—/—	Lg Rfl/095316	N/A	#50/390937	Large
500 S&W	.500	546585	V	046699	044700	044701	—	044702	#44/390584	#44/392644	Lg Rfl/095316	N/A	#50/390937	Large
500 LINEBAUGH	.510	546587	IV	—	—	—	—	—	#25/390565	—/—	Lg Rfl/095316	N/A	#50/390937	Large

Shooter Accessories

BINOCULAR CASE **NEW!**

Protect your valuable binoculars with a case built from tough, nylon Cordura®, and lined with synthetic suede backed by 1/8" closed cell foam padding. Includes heavy-duty zipper and shoulder strap for carrying. Coyote brown.

No. 99128 \$31.68



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 \$20.00**



HORNADY® SHOOTERS CHEEK PAD

Made of tough, nylon Cordura®, this stock pad is the perfect accessory, for your rifle. With elastic loops and a zippered accessory pouch. 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 \$30.44

LH No. 99113 \$30.44

Tan:

RH No. 99110 \$30.44

LH No. 99109 \$30.44



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.

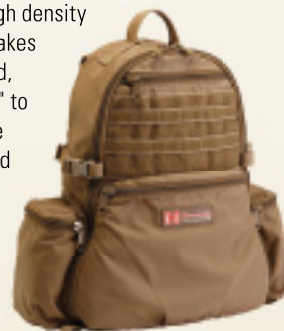
No. 9919 \$35.52



HORNADY® TUFF BACK PACK **NEW!**

Built from tough, nylon Cordura® and lined with high density nylon pack cloth and spacer mesh, this backpack takes a beating and still keeps your gear clean, organized, and close at hand. Multiple pockets lined with 1/8" to 1/2" closed-cell foam protect equipment, and close with heavy-duty zippers. Titan polymer buckles and hardware, and ample hook and loop fastener fabric comes in handy when you're on the move. Coyote brown. Imported.

No. 99127 \$86.89



UNIVERSAL SLING

Developed by the Hunter Company of Colorado, this durable leather and nylon sling is built to endure the toughest hunts and comes with Hogue® sling swivels. **No. 99107 \$21.72**



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.

Black No. 99115 \$15.22

Tan No. 99116 \$15.22



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 \$22.33



FREE with RAPiD® Safe purchase. (Page 94)

HORNADY® SOFT RIFLE CASE

This 46-inch padded rifle case features two exterior zippered pockets and is made of tough, nylon Cordura® for strength and durability. Imported.

No. 99120 \$48.71

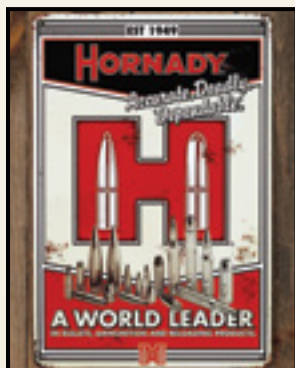




Shooter Accessories.....

Decorative Hornady® Tin Signs

These tin signs provide just the right accent for your trophy room, garage, or reloading area. Each have rounded corners and four pre-drilled holes for easy hanging.



Measures 11¾" x 17½"
No. 99101 \$15.22



Measures 18" x 18"
No. 99112 \$15.22



Measures 18" x 12"
No. 99118 \$15.22



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. (Measures 26" x 17")

No. 99102 \$15.22

HORNADY® MUGS

Set of four plastic 14 oz. mugs with Hornady® logo. Top rack dishwasher safe. Made in the USA.

No. 99124 \$17.38



HORNADY 17" 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).

Makes a great gift!

No. 99125 \$108.61

INSULATED COFFEE CUP

This 12 oz. travel mug for hot or cold beverages is made from durable lexan and features a metallic looking exterior with bold Hornady® logo — perfect for the morning commute or on a cold morning in the deer stand. Hand wash only. Imported.

No. 98250 \$9.24



HORNADY® CARTRIDGE INTRODUCTIONS BOARD

Shadow-box style display with wood frame measures 16" x 10". Display features 21 cartridges that Hornady® has introduced as SAAMI cartridges since 1988. Made in the USA.

No. 9948 \$101.51



HORNADY® COASTER SET

Set of four 4¼" square absorbant stone coasters with cork backing imprinted with weathered Hornady® logo.

No. 99104 \$19.28

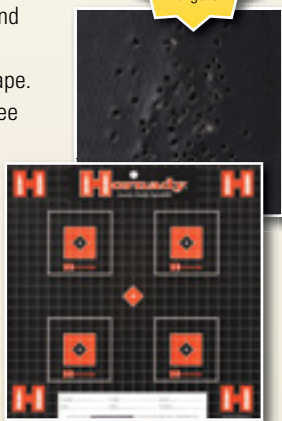


Shooter Accessories

LOCK-N-LOAD® CONVEYOR BELT TARGET

Heavy duty Hornady® CBT™ gong-like target backer made of conveyor belt material can be shot over and over again, while maintaining its shape. Packaged with three 12-inch Hornady Lock-N-Load® Targets featuring Shoot-N-C® technology from Birchwood Casey®. Measures 13" x 13". Made in the USA.

Includes three Shoot-N-C® targets



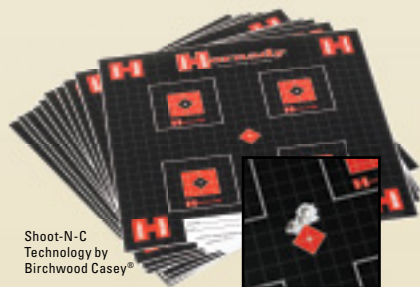
No. 9964 \$7.11

LOCK-N-LOAD® TARGETS

Hornady Lock-N-Load® Targets feature a half-inch grid pattern and multiple aiming points. Vivid white bullet holes provide long-range visibility without binoculars or spotting scopes. Immediate feedback makes target practice fun and productive.

10 Pack No. 9963 \$5.06

100 Pack No. 9963B \$41.61



Shoot-N-C Technology by Birchwood Casey®

HORNADY® LICENSE PLATE FRAME

This plastic license plate frame features the classic Hornady® company logo on the bottom and our "Accurate. Deadly. Dependable.®" slogan on the top. Made in the USA. **No. 99119 \$14.99**



HORNADY® BUCK® 110 KNIFE **NEW!**

Our 110 folding hunter knife features a Macassar Ebony Dymondwood handle and nickel-plated bolsters that provide the perfect balance of heft and feel in your hand. The blade is made of 420 HC stainless steel for years of reliable use. Made in the USA.

No. 99126 \$70.60



HORNADY® BUCK® KNIFE

The Buck Vantage™ Pro series knife features a Hornady® logo on the strong side of the blade. High impact polymer handle and pocket clip. Made in the USA. **No. 99181 \$42.99**



HORNADY® SELF-HEALING TARGETS

Hornady® Self-Healing Targets are constructed of technologically advanced material. The bullet passes through the 8-inch diameter, self-healing target with minimal damage. This material is rugged enough to handle the repeated punishment from all calibers of rifles and handguns. The metal stand is two times thicker and sturdier than comparable targets.

NOT FOR USE WITH HOLLOW POINT BULLETS

No. 99100 \$16.23



LOCK-N-LOAD® BOLT BALL **NEW!**

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 \$6.52



JOYCE HORNADY ON RELOADING & BULLET ACCURACY

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 \$15.64



RAIL COVERS

Sold as a set (2 covers) and also includes two "Fueled by Hornady®" stickers.

Black Fueled By Hornady

No. 98106 \$29.87

Green Zombie Max









No. 98105 \$29.87





Accessories & Apparel

Hornady® Stickers

<p>1 </p> <p>6 </p>	<p>2 </p> <p>7 </p>	<p>3 </p> <p>8 </p>	<p>4 </p> <p>5 </p> <p>9 </p> <p>10 </p>
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HORNADY® STICKERS \$1.99

<p>① Team Hornady® Antlers No. 98006 White and red. Measures 5.5" x 3.875"</p> <p>② Red Hornady® Logo..... No. 98004 White and red. Measures 3.5" x 3.5"</p>	<p>③ Hornady® TAP® No. 98001 Black and red. Measures 2.625" x 3.75"</p> <p>④ Full Boar® No. 98010 Measures 5.25" x 1.5"</p> <p>⑤ Fueled by Hornady® No. 98002 Black and red. Measures 5.625" x 0.6875"</p> <p>⑥ American Whitetail™ No. 98009 Measures 4.75" x 4.875"</p>	<p>⑦ Superformance® No. 98008 Measures 3" x 5.125"</p> <p>⑧ Law Enforcement No. 98000 Measures 3.125" x 4.625"</p> <p>⑨ American Gunner™ No. 98011 Measures 8.25" x 1.75"</p> <p>⑩ Team Hornady®..... No. 98003 Measures 2.375" x 6"</p>
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STEVE HORNADY "SIGNATURE" BOONIE

Embroidered logos, one size fits most.
Imported.



No. 9940 \$9.99

HORNADY® BEANIES

Embroidered logos, one size fits most.
Imported.



- OD Green No. 99399 \$9.99
Camo Fleece No. 99294 \$9.99
Blaze Orange Fleece No. 99392 \$9.99

*Apparel colors may vary.
Subject to change without notice.*

HORNADY® CAPS \$9.99



Gray Mesh
No. 99227



Mossy Oak®
No. 99296



Kryptek®
No. 99297



Black Shield
No. 99225



Olive Green
No. 99282



Sage Green
No. 99283



Brown Est. 1949
No. 99301



Vintage Red/Black
No. 99226



Camouflage Mesh
No. 99293



Snow-Camouflage
No. 99291



Camouflage
No. 99292



Orange
No. 99362



Brown & Pink Est. 1949
No. 99302



Camouflage Pink
No. 99295



Ladies White Patrol
No. 99303



Black
No. 99222



2ND AMENDMENT T-SHIRT

Imported.

No. 99672 (Med - XXXL) \$14.99



SAGE GREEN T-SHIRT

100% cotton with subdued logo, perfect for hunting. Imported.

No. 9974 (Med - XXL) \$14.99



RED WOMENS/ YOUTH T-SHIRTS

100% cotton. Imported.

Womens No. 9977 (Small - XXL) \$14.99

Youth No. 99592 (Small - XL) \$10.99



HORNADY® FLEECE JACKET

No. 99745 (Med - XXXL) \$39.99



SAGE & TAN HOODIE

Imported.

No. 99741 (Med - XXXL) \$39.99



HORNADY® SAGE & TAN SWEATSHIRT

100% cotton. Imported.

No. 99740 (Med - XXL) \$29.99



HORNADY® POLO

Moisture-wicking fabric by Sport Tek® Imported.

Red No. 99773 (Med - XXL) \$29.99

Gray No. 99774 (Med - XXL) \$29.99

Black No. 99775 (Med - XXL) \$29.99





Hornady® Security™

- Fastest access
- Touch-free entry
- Child-resistant design



Hornady
SECURITY™

RAPiD® Safe

Introducing the RAPiD® safe – a revolutionary concept in firearm protection that combines intuitive ease of access with safety and security.

FAST, TOUCH-FREE ENTRY

Open your safe in the blink of an eye - the RAPiD® safe is the first to use patent-pending Radio Frequency Identification (RFID) for instant access. Simply place the included RFID bracelet, card, or key fob over the reader, and the RAPiD® safe springs open to present your handgun.*

CHILD-RESISTANT DESIGN

Designed to exceed ASTM International safety standards for child and pry resistance, lock strength, drop/pick/saw tests and hinge attack resistance. Conforms to ASTM F2456 Youth Resistant Firearms Container. It is also listed by the California Department of Justice as an approved firearm safety device.

ACCESS OPTIONS

The RAPiD® safe can be opened with the RFID bracelet, card, key fob, or with a personally programmed code. It is also accessible with a conventional key lock.

SAFE AND READY

AC power means your handgun is both protected and ready to go 24/7. The RAPiD® safe also features a battery backup that may be used as a primary power source. Upon opening, the internal RAPiD® sleeve presents your handgun at the perfect angle.

HEAVY-DUTY CONSTRUCTION

The RAPiD® safe weighs over 15 pounds, and features wrapped, 16-gauge steel construction and a heavy-duty ¼" steel dual-lug locking system. A 1,500 lb.-rated cable secures the safe to an immobile object for additional theft protection.

Exterior: 15½"x9"x3½" Interior: 11"x8"x3"
Weight: 15.65 lbs No. 98150



Security cable, barrel key and RFID access options.



RFID bracelet for hands free access. Also included are the RFID card and key fob.



The RAPiD® safe uses standard household 110V power and includes a battery pack for backup or primary power.



Inside the RAPiD® safe is the padded RAPiD® sleeve that presents handguns at the perfect angle. The RAPiD® sleeve is removable, enabling storage of most revolvers with barrels as long as 6 inches. Also includes a security cable that is rated to 1,500 lbs.

Patent-pending RFID security technology

Shackle™ Box & TriPoint® Lock Box

CHILD-RESISTANT DESIGN

Designed to exceed ASTM International safety standards for child and pry resistance, lock strength, drop/pick/saw tests and hinge attack resistance. Conforms to ASTM F2456 Youth Resistant Firearms Container. It is also listed by the California Department of Justice as an approved firearm safety device.

HEAVY-DUTY CONSTRUCTION

Both are constructed of 16-gauge steel, which is far superior to the 20-gauge steel used by other products on the market.

PRODUCT FEATURES

- Designed to exceed ASTM standards for child resistance and protection from unauthorized access
- Both safes can travel with you and meet TSA requirements for handgun security in luggage*
- Industry first, patent pending TriPoint® locking system features 3 points of contact
- Three, ½" wide steel locking lugs
- Padded interior
- Ideal choice for concealed carry permit holders
- Approved firearm safety devices by the California Department of Justice.



Shackle™ Box

A patent-pending system features a ½" steel shackle that adjusts to accommodate objects up to 3" in diameter. **No. 98151**

Exterior: 10.25"x8"x3" Interior: 9.75"x7.5"x2.25"



The shackle can be adjusted to fit around objects as large as 3" in diameter.



Adjustments are made by pulling the spring loaded knob that releases the shackle.

TriPoint® Lock Box

The TriPoint® lock box provides affordable security for your handgun and other valuables, with patent-pending TriPoint® locking system and a security cable that is rated to 1,500 lbs.*

Exterior: 10.25"x8"x2.75"
Interior: 9.75"x7.5"x2.25"

No. 98152



Go to
hornady.com
for more
details.



*** IMPORTANT: Do not store loaded firearms in any safe. Follow local laws for firearm storage. Check TSA regulations and airline policies before traveling with any portable safe.**

FREE Pistol Case with RAPiD™ Safe purchase!

Purchase a Hornady Security™ RAPiD Safe™ (Item No. 98150) from a qualified dealer from now until December 31, 2015 and receive a FREE pistol case valued at \$22.33! This convenient soft-sided case accommodates one standard size semi-automatic handgun and five magazines or one 5½ inch barreled full size revolver and two speed loaders.

Visit **hornady.com** for complete details.





Ammunition Overview

AG

American Gunner™

This collection of tried-and-true, versatile loads are popular for target shooting, hunting or self-defense. Made in the USA with premium components, American Gunner™ ammunition combines generations of ballistics know-how with modern technology.

AW

American Whitetail®

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 and the technology you need to take the buck of a lifetime.

CD

Critical Defense®

Featuring the non-clogging, reliable expansion of the FTX® bullet, Critical Defense® handgun ammunition provides dependable performance for defensive or personal protection situations from short-barreled, concealed carry style firearms.

CDL

Critical Defense® Lite™

Designed with the same proven components as our Critical Defense® line of ammunition, Critical Defense® Lite™ features pink-tipped FTX® bullets and offers an effective, reduced recoil option for any shooter looking to minimize the felt recoil of their lightweight, compact personal protection firearm. A portion of the proceeds from the sale of Critical Defense® Lite™ go to help fund breast cancer research.

DUTY

Critical Duty®

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 virtually "barrier blind" performance when shot through common urban barriers.

C

Custom™

Millions of successful hunts have proven the accuracy and deadly effect of the famous Hornady InterLock®, SST®, InterBond® and GMX® bullets we load into Hornady® Custom™ rifle cartridge.

CL

Custom Lite®

Hornady® Custom Lite® ammunition provides reduced recoil and muzzle blast from standard cartridges and shotgun slugs, and puts the fun back into shooting for kids, women and every shooter looking to keep recoil to a minimum while still enjoying the use of their favorite rifle.

DG

Dangerous Game™ Series

Loaded in a variety of popular calibers, the foundation of our Dangerous Game™ Series ammunition is the expanding DGX® bullet for maximum energy transfer and devastating results, or the non-expanding DGS® bullet for thick-skinned game like elephant and hippo.

FB

Full Boar™

Full Boar™ ammunition features hard-hitting GMX® bullets for deep penetration and 95+% weight retention. These copper alloy bullets deliver uniform, controlled expansion for unmatched terminal performance on the toughest game.

LEV

LEVERevolution®

LEVERevolution® represents a breakthrough in ammo design for lever action rifles and revolvers. The key to its innovation and performance is the patented elastomer Flex Tip® technology that delivers up to 250 fps faster muzzle velocity than conventional lever gun loads, and is safe to use in tubular magazines.

M

Match™

Every component of our Match™ ammunition is carefully selected to ensure uniformity and we load to stringent specifications to provide pinpoint accuracy. Each cartridge is loaded with either Hornady® A-MAX® bullets or our high-performance boat tail hollow point bullets.

S

Steel Match®

This economical ammo choice features steel cartridge cases and non-corrosive berdan primers. Steel Match® ammunition is loaded with accurate and consistent Hornady® BTHP match bullets or HAP® pistol bullets.

SF

Superformance®

SM

Superformance® Match™

SV

Superformance® Varmint

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

T

TAP®-FPD™

Exceptionally accurate and consistent, TAP® FPD™ rifle ammo offers enhanced terminal performance with rapid expansion and fragmentation resulting in dramatic wound cavities and a reduced risk of over-penetration. Their nickel-coated cases help eliminate corrosion and improve feeding in all firearms.

V

Varmint Express®

For flat-shooting tack-driving accuracy, there's no better choice than Hornady® Varmint Express® ammunition. Loaded with Hornady® V-MAX® and NTX® bullets, these cartridges are designed to resist wind drift and are ideal for varmints of any size.

VM

Vintage Match™

Built to replicate the original military performance specifications unique to historic rifles, Hornady® Vintage Match™ ammunition provides superior quality and off-the-shelf match-grade performance from classic service rifles.

Handgun Ballistics.....

Ammo Description					Velocity (fps)			Energy (ft/lb)		
CARTRIDGE		BULLET	ITEM #	BARREL LENGTH	MUZZLE	50 yds	100 yds	MUZZLE	50 yds	100 yds
CD	22WMR	45gr.FTX®	83200	17/8 V"	1000	920	857	100	85	73
C	25Auto	35gr.XTP®	90012	2"	900	813	742	63	51	43
C	32Auto	60gr.XTP®	90062	4"	1000	905	833	133	109	92
CD	32NAA	80gr.FTX®	90070	4"	1000	933	880	178	155	137
CD	32H&R	80gr.FTX®	90060	4"	1150	1039	963	235	192	165
AG	380Auto	90gr.XTP®	90104	4"	1000	912	845	200	166	143
C	380Auto	90gr.XTP®	90102	4"	1000	912	845	200	166	143
CD	380Auto	90gr.FTX®	90080	4"	1000	912	845	200	166	143
CDL	9mmLuger	100gr.FTX® CD Lite	90240	4"	1125	1003	922	281	224	189
AG	9mmLuger	115gr.XTP®	90244	4"	1155	1038	958	341	275	234
C	9mmLuger	115gr.XTP®	90252	4"	1155	1038	958	341	275	234
S	9mmLuger	115gr.HAP (Steel Case)	90271	4"	1155	1038	958	341	275	234
CD	9mmLuger	115gr.FTX®	90250	4"	1135	1025	949	329	268	230
AG	9mmLuger+P	124gr.XTP®	90224	4"	1110	1027	965	339	290	257
C	9mmLuger	124gr.XTP®	90242	4"	1110	1027	965	339	290	257
DUTY	9mmLuger	135gr.FlexLock®	90236	4"	1010	960	918	306	276	253
DUTY	9mmLuger+P	135gr.FlexLock®	90226	4"	1110	1038	983	369	323	289
C	9mmLuger	147gr.XTP®	90282	4"	975	934	899	310	285	264
C	357Sig	147gr.XTP®	9131	4"	1225	1132	1060	490	418	367
DUTY	357Sig	135gr.FlexLock®	91296	4"	1225	1112	1031	450	371	319
CDL	38Special	90gr.FTX® CD Lite	90300	4"	1200	1037	938	288	215	176
CD	38Special	110gr.FTX®	90310	4" V	1010	939	882	249	215	190
CD	38Special+P	110gr.FTX®	90311	4" V	1090	996	928	290	242	210
AG	38Special	125gr.XTP®	90324	4" V	900	856	817	225	203	185
C	38Special	125gr.XTP®	90322	4" V	900	856	817	225	203	185
C	38Special	158gr.XTP®	90362	4" V	800	775	751	225	210	198
CD	357Magnum	125gr.FTX®	90500	8" V	1500	1312	1163	624	478	376
AG	357Magnum	125gr.XTP®	90504	8" V	1500	1313	1165	624	479	377
C	357Magnum	125gr.XTP®	90502	8" V	1500	1313	1165	624	479	377
DUTY	357Magnum	135gr.FlexLock®	90511	8" V	1275	1150	1058	487	396	336
LEV	357Magnum	140gr.FTX®	92755	8" V	1440	1281	1154	645	510	414
C	357Magnum	158gr.XTP®	90562	8" V	1250	1149	1072	548	463	403
C	9x18mmMakarov	95gr.XTP®	91002	4"	1000	929	873	211	182	161
CD	9x18mmMakarov	95gr.FTX®	91000	4"	1000	913	846	211	176	151
C	40S&W	155gr.XTP®	9132	4"	1180	1060	978	479	387	329
CD	40S&W	165gr.FTX®	91340	3"	1045	971	914	400	345	306
DUTY	40S&W	175gr.FlexLock®	91376	4"	1010	948	899	396	350	314
AG	40S&W	180gr.XTP®	91364	4"	1180	1060	978	479	387	329
C	40S&W	180gr.XTP®	9136	4"	950	902	861	361	325	297
C	10mmAuto	155gr.XTP®	9122	5"	1265	1118	1018	551	430	357
C	10mmAuto	180gr.XTP®	9126	5"	1180	1077	1002	556	463	402
C	44-40Cowboy™	205gr.Cowboy™	9075	7½" V	725	689	655	239	216	195
CD	44Special	165gr.FTX®	90700	2½" V	900	847	802	297	263	235
C	44Special	180gr.XTP®	9070	7½" V	1000	934	881	400	349	310
C	44RemMag	200gr.XTP®	9080	7½" V	1500	1332	1194	999	788	633
LEV	44RemMag	225gr.FTX®	92782	7½" V	1410	1233	1102	993	760	607
C	44RemMag	240gr.XTP®	9085	7½" V	1350	1230	1133	971	806	684
C	44RemMag	300gr.XTP®	9088	7½" V	1150	1083	1030	881	781	706
AG	45Auto	185gr.XTP®	90904	5"	970	911	862	386	341	305
C	45Auto	185gr.XTP®	9090	5"	970	911	862	386	341	305
CD	45Auto	185gr.FTX®	90900	3"	900	853	811	333	299	270
C	45Auto	200gr.XTP®	9112	5"	900	856	817	360	325	296
DUTY	45Auto+P	220gr.FlexLock®	90926	5"	975	927	887	464	420	384
C	45Auto+P	200gr.XTP®	9113	5"	1055	981	924	494	427	379
C	45Auto+P	230gr.XTP®	9096	5"	950	908	871	461	421	388
C	45Auto	230gr.FMJ-RN	9097	5"	850	819	790	369	342	319
CD	45Colt	185gr.FTX®	92790	3" V	920	870	826	348	311	280
C	45Colt	255gr.Cowboy™	9115	4¾" V	725	687	651	298	267	240
LEV	45Colt	225gr.FTX®	92792	4¾" V	960	903	855	460	407	366
C	454Casull	240gr.XTP® Mag	9148	7½" V	1900	1678	1478	1924	1500	1164
C	454Casull	300gr.XTP® Mag	9150	7½" V	1650	1474	1319	1813	1447	1158
C	460S&W	200gr.FTX®	9152	83/8"	2200	1941	1703	2149	1673	1288
C	475Linebaugh	400gr.XTP® Mag	9140	7½"	1300	1176	1083	1501	1229	1041
C	480Ruger	325gr.XTP® Mag	9138	7½"	1350	1191	1077	1315	1024	837
C	50AE	300gr.XTP®	9245	6"	1475	1251	1092	1449	1043	795
C	500S&W	300gr.FTX®	9249	8½"	1950	1653	1396	2533	1819	1298
C	500S&W	500gr.FP-XTP®	9252	8½"	1300	1178	1085	1876	1541	1308

Shotgun/Muzzleloader Ballistics.....

Shotgun Ammunition

Ammo Description			Velocity (fps)					Energy (ft/lb)					Trajectory Tables (inches)				
AMMO DESCRIPTION	BULLET	ITEM #	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	0.9	0.0	-4.8	-14.3
12 GA American Whitetail® Rifled Slug 2¾"	1 oz. Rifled Slug	86234	1600	1210	997	882	—	2484	1420	965	754	—	-0.5	2.8	0.0	-11.4	—
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	983	815	-1.5	2.6	3.3	0.0	-8.2
20 GA Custom Lite® Shotgun Slug 2¾"	250 gr. FTX®	86233	1600	1452	1321	1208	1118	1421	1171	968	810	694	-1.5	3.4	4.2	0.0	-10.1

AMMO DESCRIPTION	SHOT SIZE	SHELL LENGTH	ITEM #	Velocity (fps) muzzle
12 GA Varmint Express® 2¾"	#4 Buck	2¾"	86243	1325
12 GA Critical Defense® 2¾"	00 Buck (8 Pellets)	2¾"	86240	1600
12 GA Superformance® 2¾"	00 Buck (8 Pellets)	2¾"	86246	1600
12 GA Heavy Magnum® Turkey 3"	#4	3"	86242	1300
12 GA Heavy Magnum® Turkey 3"	#5	3"	86241	1300
12 GA Heavy Magnum® Turkey 3"	#6	3"	86244	1300

AMMO DESCRIPTION	SHOT SIZE	SHELL LENGTH	ITEM #	Velocity (fps) muzzle
12 GA Heavy Magnum® Coyote 3"	BB	3"	86222	1300
12 GA Heavy Magnum® Coyote 3"	00 Buck	3"	86224	1300
20 GA Heavy Magnum® Turkey 3"	#5	3"	86248	1150
410 Critical Defense® Triple Defense™	FTX® Slug & 2 round balls	2½"	86238	720

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.

Muzzleloader Projectiles

Description			Velocity (fps)							Energy (ft/lb)					Trajectory Tables (inches)					
DESCRIPTION	WEIGHT	ITEM #	MUZ	50 yd	100 yd	150 yd	200 yd	250 yd	MUZ	50 yd	100 yd	150 yd	200 yd	250 yd	MUZ	50 yd	100 yd	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. 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
50 Cal. FPB® (150 gr. charge)	300 gr.	6605	2100	1942	1792	1650	1518	1397	2937	2512	2139	1814	1535	1301	-0.9	2.2	3.0	1.1	-8.1	-12.9
50 Cal. FPB® (100 gr. charge)	300 gr.	6605	1800	1658	1525	1404	1295	1202	2158	1830	1549	1313	1117	962	-0.9	2.7	3.0	-0.3	-8.1	-21.1
50 Cal. FPB® (150 gr. charge)	350 gr.	6600	1950	1821	1697	1581	1473	1372	2955	2577	2238	1942	1685	1463	-1.5	2.0	3.0	0.9	-4.7	-14.2
50 Cal. FPB® (100 gr. charge)	350 gr.	6600	1620	1509	1406	1312	1230	1159	2039	1769	1536	1338	1176	1043	-1.5	2.7	3.0	-1.1	-10.2	-25.0

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.



Monty Deboer

Red Stag shot at 200 yards with 30-06 Superformance 165 gr. GMX. One shot and he dropped instantly.



Jay Vialpando

"My son, Cameron, was on his very first Nebraska turkey hunt with me when I shot this one. We were using 12 ga. #5 Heavy Magnum Turkey. It only took one shot at 56 yards and it performed flawlessly. It was one of greatest hunts I've experienced. He has been hooked on hunting ever since."



Alyssa Davies

Alyssa used 20 ga. Hornady Heavy Magnum Turkey ammo to bag her very first gobbler.



Rifle Ballistics

Hornady® Ammunition Product Lines:

AG	American Gunner™	C	Custom™	M	Match™	T	TAP® FPD™
AW	American Whitetail®	CL	Custom Lite®	S	Steel Match®	V	Varmint Express®
CD	Critical Defense®	DG	Dangerous Game™ Series	SF	Superformance®	VM	Vintage Match™
CDL	Critical Defense® Lite	FB	Full Boar™	SM	Superformance® Match		
DUTY	Critical Duty®	LEV	LEVERevolution®	SV	Superformance® Varmint		

Hornady® Bullet Types:

A-MAX®	FMJ Full Metal Jacket	InterBond®	OTM Open-Tip Match	SST® Super Shock Tip
BT Boattail	FP Flat Point	L Swaged Lead Bullet	RN Round Nose	V Vented
BTHP Boattail Hollow Point	FPB® Flex Tip® Projectile Blackpowder	LRN Lead Round Nose	SIL Silhouette	V-MAX®
DGS® Dangerous Game Solid	FTX® Flex Tip® eXpanding	ML Muzzleloading	SJ Short Jacket	XTP® eXtreme Terminal Performance™
DGX® Dangerous Game eXpanding	GMX® Copper Alloy eXpanding	MonoFlex®	SP Spire Point	
	HP Hollow Point	NTX® Non-Traditional eXpanding	SP-RP Spire Point Recoil Proof	

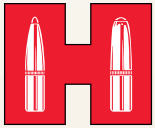
Ammo Description			Velocity (fps)							Energy (ft/lb)						Trajectory Tables (inches)					
CARTRIDGE	BULLET	ITEM #	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd		MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd
V	17 Mach 2	15.5 gr. NTX®	83176	2050	1450	1070	—	—	—	145	72	39	—	—	—	-1.5	0	-15.6	—	—	—
V	17 Mach 2	17 gr. V-MAX®	83177	2100	1531	1133	—	—	—	166	88	48	—	—	—	-1.5	0	-13.8	—	—	—
V	17 HMR	15.5 gr. NTX®	83171	2525	1830	1291	—	—	—	219	115	57	—	—	—	-1.5	0	-9.3	—	—	—
V	17 HMR	17 gr. V-MAX®	83170	2550	1902	1379	—	—	—	245	137	72	—	—	—	-1.5	0	-8.5	—	—	—
V	17 HMR	20 gr. XTP®	83172	2375	1755	1274	—	—	—	250	137	72	—	—	—	-1.5	0	-10.2	—	—	—
V	17 WSM	20 gr. V-MAX®	83180	3000	2504	2058	—	—	—	400	278	188	—	—	—	-1.5	0	-4.1	—	—	—
SV	17 Hornet	15.5 gr. NTX®	83004	3860	2924	2159	1531	1108	920	513	294	160	81	42	29	-1.5	1.4	0	-9.1	-33.7	-86.4
SV	17 Hornet	20 gr. V-MAX®	83005	3650	3077	2574	2122	1721	1383	592	420	294	200	132	85	-1.5	1.1	0	-6.4	-20.7	-46.9
SV	204 Ruger	24 gr. NTX® (26" Bbl)	83209	4400	3667	3046	2504	2023	1604	1032	717	494	334	218	137	-1.5	0.6	0	-4.3	-14.3	-33.0
SV	204 Ruger	32 gr. V-MAX® (26" Bbl)	83204	4225	3645	3137	2685	2275	1903	1268	944	699	512	368	257	-1.5	0.6	0	-4.1	-13.1	-28.9
SV	204 Ruger	40 gr. V-MAX® (26" Bbl)	83206	3900	3482	3104	2757	2435	2136	1351	1077	855	675	527	405	-1.5	0.7	0	-4.3	-13.2	-28.0
C	204 Ruger	45 gr. SP (26" Bbl)	83208	3625	3188	2793	2431	2096	1791	1313	1015	779	590	439	320	-1.5	1.0	0	-5.4	-16.8	-36.2
V	5.45x39mm	60 gr. V-MAX® (16" Bbl)	8124	2810	2495	2202	1929	1679	1457	1052	830	646	496	376	283	-1.8	1.9	0	-9.1	-27.7	-58.6
V	22 WMR	25 gr. NTX®	83201	2200	1383	974	—	—	—	269	106	53	—	—	—	-1.5	0	-17.5	—	—	—
V	22 WMR	30 gr. V-MAX®	83202	2200	1454	1026	—	—	—	322	141	70	—	—	—	-1.5	0	-15.7	—	—	—
V	22 Hornet	35 gr. V-MAX®	8302	3070	2247	1574	1117	918	802	732	392	192	97	65	50	-1.5	2.9	0	-17.5	-62.7	-149.2
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	-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	-6.7	-20.6	-44.3
SV	223 Rem	35 gr. NTX®	83266	4000	3353	2796	2302	1861	1483	1243	874	607	412	269	171	-1.5	0.8	0	-5.3	-17.3	-39.6
V	223 Rem	40 gr. V-MAX®	8325	3800	3249	2763	2326	1931	1582	1282	937	678	481	331	222	-1.5	0.9	0	-5.5	-17.6	-39.1
FB	223 Rem	50 gr. GMX®	83291	3335	2872	2455	2074	1730	1434	1235	916	669	477	332	228	-1.5	1.4	0	-7.2	-22.6	-49.8
SV	223 Rem	53 gr. V-MAX®	8025	3465	3106	2776	2470	2183	1916	1413	1135	907	718	561	432	-1.5	1.1	0	-5.6	-16.9	-35.6
SF	223 Rem	55 gr. GMX®	83274	3250	2849	2482	2144	1834	1557	1290	991	753	561	411	296	-1.5	1.4	0	-7.1	-21.8	-47.0
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
T	223 Rem	55 gr. TAP® FPD™	83278	3240	2855	2502	2175	1873	1602	1282	995	764	578	429	313	-1.5	1.4	0	-7.0	-21.4	-45.8
S	223 Rem	55 gr. HP	80274	3240	2853	2499	2171	1869	1597	1282	994	763	576	427	311	-1.5	1.4	0	-7.0	-21.5	-46.0
M	223 Rem	68 gr. BTHP	80289	2960	2697	2449	2215	1993	1786	1323	1098	906	741	600	482	-1.5	1.7	0	-7.5	-22.0	-45.4
M	223 Rem	75 gr. BTHP	8026	2790	2562	2345	2139	1943	1759	1296	1093	916	762	629	515	-1.5	1.9	0	-8.2	-24.1	-49.3
T	223 Rem	75 gr. TAP® FPD™	80268	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	2695	2471	2259	2057	1866	1430	1209	1017	850	705	580	-1.5	1.7	0	-7.4	-21.6	-44.0
S	223 Rem	75 gr. BTHP	80261	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. GMX® (20" Bbl)	81254	3130	2740	2382	2051	1750	1484	1196	917	693	514	374	269	-2.4	1.1	0	-7.3	-23.0	-50.1
SM	5.56 NATO	75 gr. BTHP (20" Bbl)	81264	2910	2676	2453	2242	2041	1851	1410	1192	1002	837	693	570	-2.4	1.2	0	-7.0	-21.0	-43.3
SV	22-250 Rem	35 gr. NTX®	8334	4450	3736	3128	2598	2125	1706	1539	1085	761	524	351	226	-1.5	0.5	0	-4.1	-13.4	-30.6
V	22-250 Rem	40 gr. V-MAX®	8335	4150	3553	3033	2570	2151	1774	1530	1121	817	587	411	280	-1.5	0.6	0	-4.4	-14.2	-31.6
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	2696	2337	2006	1776	1373	1057	807	606	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

All data from a 24" Bbl, unless otherwise noted.

Ammo Description				Velocity (fps)						Energy (ft/lb)						Trajectory Tables (inches)					
CARTRIDGE		BULLET	ITEM #	MUZ	100 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
SV	243Win	58 gr. V-MAX®	8343	3925	3465	3052	2676	2330	2010	1984	1546	1200	922	699	520	-1.5	0.7	0	-4.4	-13.8	-29.6
SV	243Win	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
FB	243Win	80 gr. GMX®	80454	3325	2989	2678	2387	2115	1862	1964	1587	1274	1012	795	616	-1.5	1.2	0	-6.1	-18.3	-38.3
SF	243Win	80 gr. GMX®	80456	3425	3081	2763	2468	2190	1931	2084	1686	1357	1082	852	663	-1.5	1.1	0	-5.7	-17.1	-35.8
CL	243Win	87 gr. SST®	80466	2800	2574	2359	2155	1961	1778	1514	1280	1075	897	743	611	-1.5	1.9	0	-8.1	-23.8	-48.5
SF	243Win	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	243Win	100 gr. InterLock® BTSP	8047	2960	2729	2509	2300	2101	1912	1945	1653	1398	1175	980	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
SF	257 Roberts +P	117 gr. SST®	81353	2946	2707	2480	2265	2060	1866	2255	1903	1598	1332	1102	905	-1.5	1.6	0	-7.3	-21.4	-43.7
SF	25-06 Rem	90 gr. GMX®	81446	3350	3001	2679	2378	2098	1837	2243	1799	1434	1130	879	674	-1.5	1.2	0	-6.0	-18.3	-38.5
SF	25-06 Rem	117 gr. SST®	81453	3110	2862	2627	2405	2193	1992	2513	2127	1793	1502	1249	1031	-1.5	1.4	0	-6.4	-18.9	-38.6
AW	25-06 Rem	117 gr. InterLock® BTSP	8144	2990	2749	2521	2304	2098	1902	2322	1963	1651	1379	1143	940	-1.5	1.6	0	-7.0	-20.7	-42.2
C	257 Wby Mag	90 gr. GMX®	8136	3550	3184	2848	2537	2246	1974	2518	2026	1621	1286	1008	779	-1.5	1.0	0	-5.3	-16.0	-33.6
C	257 Wby Mag	110 gr. InterBond®	81363	3330	3069	2823	2591	2370	2160	2708	2300	1947	1639	1372	1139	-1.5	1.1	0	-5.5	-16.1	-33.0
VM	6.5 x 55mm Swedish Mauser	140 gr. BTHP	85508	2600	2450	2305	2164	2029	1899	2101	1865	1651	1456	1280	1121	-1.5	2.2	0	-8.7	-24.8	-49.4
SF	6.5 x 55mm Swedish Mauser	140 gr. SST®	85507	2735	2563	2397	2237	2084	1937	2325	2041	1786	1556	1350	1166	-1.5	1.9	0	-8.0	-22.9	-45.9
M	6.5 Grendel	123 gr. A-MAX®	8150	2580	2410	2247	2090	1940	1796	1818	1586	1379	1193	1028	881	-2.4	1.8	0	-8.7	-25.3	-51.3
C	6.5 Grendel	123 gr. SST®	8152	2590	2420	2256	2099	1948	1804	1832	1599	1390	1203	1037	889	-2.4	1.8	0	-8.6	-25.1	-50.9
SF	6.5 Creedmoor	120 gr. GMX®	81490	3050	2850	2659	2476	2300	2132	2479	2164	1884	1634	1410	1211	-1.5	1.4	0	-6.3	-18.3	-36.9
M	6.5 Creedmoor	120 gr. A-MAX®	81492	2910	2710	2519	2336	2161	1993	2256	1957	1691	1454	1244	1058	-1.5	1.6	0	-7.1	-20.6	-41.6
SF	6.5 Creedmoor	129 gr. SST®	81496	2950	2756	2571	2394	2223	2059	2493	2176	1894	1641	1415	1214	-1.5	1.5	0	-6.8	-19.7	-39.7
SF	6.5 Creedmoor	129 gr. InterBond®	81497	2950	2756	2571	2394	2223	2059	2493	2176	1894	1641	1415	1214	-1.5	1.5	0	-6.8	-19.7	-39.7
M	6.5 Creedmoor	140 gr. A-MAX®	81494	2710	2557	2410	2267	2129	1997	2283	2033	1805	1598	1410	1239	-1.5	1.9	0	-7.9	-22.6	-44.9
FB	6.8 Rem SPC	100 gr. GMX®	8348	2550	2276	2019	1781	1564	1373	1444	1150	905	704	543	419	-1.5	2.6	0	-11.2	-33.4	-69.9
V	6.8 Rem SPC	110 gr. V-MAX® (16" Bbl)	8346	2570	2338	2119	1911	1718	1540	1613	1335	1096	892	721	579	-2.4	2.0	0	-9.8	-29.1	-60.3
M	6.8 Rem SPC	110 gr. BTHP (16" Bbl)	8146	2570	2332	2107	1895	1697	1517	1613	1328	1084	877	703	562	-2.4	2.0	0	-9.9	-29.5	-61.2
C	6.8 Rem SPC	120 gr. SST® (16" Bbl)	8347	2460	2250	2051	1863	1687	1524	1612	1349	1121	925	758	619	-2.4	2.3	0	-10.5	-31.1	-64.0
CL	270Win	120 gr. SST®	80526	2675	2288	1935	1619	1351	1148	1907	1395	998	699	486	351	-1.5	2.6	0	-12.0	-37.4	-82.0
FB	270Win	130 gr. GMX®	80527	3050	2842	2643	2453	2270	2096	2685	2331	2016	1737	1488	1268	-1.5	1.4	0	-6.4	-18.6	-37.5
SF	270Win	130 gr. InterBond®	80548	3200	2984	2779	2583	2396	2216	2956	2570	2229	1926	1656	1417	-1.5	1.2	0	-5.7	-16.7	-33.7
SF	270Win	130 gr. GMX®	8052	3190	2975	2770	2575	2387	2208	2937	2554	2215	1913	1645	1407	-1.5	1.2	0	-5.7	-16.8	-33.9
SF	270Win	130 gr. SST®	80543	3200	2984	2779	2583	2396	2216	2956	2570	2229	1926	1656	1417	-1.5	1.2	0	-5.7	-16.7	-33.7
AW	270Win	130 gr. InterLock® SP	8053	3060	2852	2653	2463	2281	2107	2703	2347	2032	1752	1502	1281	-1.5	1.4	0	-6.4	-18.4	-37.2
SF	270Win	140 gr. SST®	80563	3090	2894	2707	2528	2355	2189	2968	2604	2278	1986	1724	1490	-1.5	1.3	0	-6.1	-17.6	-35.5
C	270Win	140 gr. InterLock® BTSP	8056	2940	2747	2563	2386	2216	2053	2687	2346	2042	1770	1526	1310	-1.5	1.6	0	-6.8	-19.8	-39.9
C	270Win	150 gr. InterLock® SP	8058	2840	2642	2453	2271	2097	1931	2686	2325	2004	1718	1465	1242	-1.5	1.7	0	-7.5	-21.8	-44.1
SF	7 x 57mm Mauser	139 gr. GMX®	81556	2740	2556	2379	2209	2046	1891	2317	2016	1747	1506	1292	1103	-1.5	1.9	0	-8.1	-23.3	-46.8
SF	7 x 57mm Mauser	139 gr. SST®	81553	2760	2575	2397	2227	2063	1907	2351	2046	1774	1530	1314	1122	-1.5	1.9	0	-7.9	-22.9	-46.0
C	275 Rigby	140 gr. InterLock® SP	8070	2680	2456	2242	2040	1848	1670	2217	1861	1552	1284	1054	860	-1.5	2.2	0	-9.1	-26.5	-54.2
CL	7mm-08 Rem	120 gr. SST®	80572	2675	2435	2207	1992	1790	1604	1907	1579	1298	1057	854	685	-1.5	2.2	0	-9.4	-27.5	-56.6
SF	7mm-08 Rem	139 gr. GMX®	80576	2910	2719	2535	2359	2190	2028	2613	2281	1984	1718	1481	1270	-1.5	1.6	0	-7.0	-20.3	-40.8
SF	7mm-08 Rem	139 gr. SST®	80573	2950	2757	2572	2395	2224	2061	2686	2346	2042	1770	1527	1311	-1.5	1.5	0	-6.8	-19.7	-39.6
AW	7mm-08 Rem	139 gr. InterLock® SP	8057	2840	2608	2387	2177	1978	1790	2489	2098	1758	1463	1207	989	-1.5	1.8	0	-7.9	-23.2	-47.5
SF	280 Rem	139 gr. GMX®	81586	3070	2871	2682	2500	2326	2158	2909	2545	2220	1929	1669	1437	-1.5	1.4	0	-6.2	-18.0	-36.2
SF	280 Rem	139 gr. SST®	81583	3090	2891	2700	2518	2343	2174	2947	2579	2250	1957	1694	1459	-1.5	1.3	0	-6.1	-17.7	-35.7
FB	7mm Rem Mag	139 gr. GMX®	80597	3100	2900	2709	2527	2351	2182	2966	2596	2266	1970	1706	1470	-1.5	1.3	0	-6.1	-17.6	-35.4
AW	7mm Rem Mag	139 gr. InterLock® SP	80591	3150	2933	2728	2531	2343	2162	3062	2656	2296	1977	1694	1443	-1.5	1.3	0	-5.9	-17.3	-35.1
CL	7mm Rem Mag	139 gr. SST®	80596	2800	2613	2434	2262	2097	1939	2420	2108	1829	1579	1357	1161	-1.5	1.8	0	-7.7	-22.2	-44.6
SF	7mm Rem Mag	139 gr. GMX®	80592	3190	2986	2791	2605	2427	2255	3141	2752	2405	2095	1817	1569	-1.5	1.2	0	-5.7	-16.5	-33.2
SF	7mm Rem Mag	139 gr. SST®	80593	3240	3033	2837	2649	2469	2295	3240	2840	2484	2166	1881	1626	-1.5	1.2	0	-5.5	-15.9	-32.0
SF	7mm Rem Mag	154 gr. InterBond®	80628	3100	2915	2737	2567	2403	2244	3286	2905	2562	2253	1974	1722	-1.5	1.3	0	-5.9	-17.2	-34.4
SF	7mm Rem Mag	154 gr. SST®	8061	3100	2915	2737	2567	2403	2244	3286	2905	2562	2253	1974	1722	-1.5	1.3	0	-5.9	-17.2	-34.4
C	7mm Rem Mag	154 gr. InterLock® SP	8060	3035	2815	2605	2405	2214	2031	3150	2709	2321	1978	1676	1411	-1.5	1.5	0	-6.6	-19.2	-38.9
SF	7mm Rem Mag	162 gr. SST®	80633	3030	2856	2689	2527	2372	2222	3302	2933	2600	2298	2023	1775	-1.5	1.4	0	-6.2	-17.8	-35.7
C	7mm Rem Mag	162 gr. InterLock® BTSP	8063	2940	2758	2583	2414	2252	2096	3109	2735	2399	2097	1825	1581	-1.5	1.5	0	-6.7	-19.5	-39.1
C	7mm Wby Mag	139 gr. GMX®	80666	3300	3091	2891	2701	2519	2343	3361	2948	2580	2252	1958	1695	-1.5	1.1	0	-5.2	-15.2	-30.7
C	7mm Wby Mag	154 gr. InterBond®	80689	3200	3010	2829	2655	2488	2326	3501	3098	2737	2410	2116	1850	-1.5	1.2	0	-5.5	-16.0	-32.1
CD	30 Carbine	110 gr. FTX® (20" Bbl)	81030	2000	1601	1279	1067	—	—	977	626	399	278	—	—	-0.9	0	-12.9	-47.2	—	—
C	300 Blackout	110 gr. V-MAX® (16" Bbl)	8089	2375	2094	1834	1597	1389	—	1378	1071	821	623	471	—	-1.5	3.2	0	-13.7	-41.0	—
C	300 Blackout	208 gr. A-MAX® (16" Bbl)	80892	1020	987	959	—	—	—	480	450	424	—	—	—	-1.5	0	-34.1	—	—	—
LEV	30-30Win	140 gr. MonoFlex®	82731	2500	2198	1918	1662	—													

Ammo Description				Velocity (fps)						Energy (ft/lb)						Trajectory Tables (inches)					
CARTRIDGE		BULLET	ITEM #	MUZ	100 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
LEV	30-30 Win	160 gr. FTX®	82730	2400	2151	1917	1700	—	—	2046	1643	1305	1027	—	—	-1.5	3.0	0	-12.5	—	—
LEV	308 Marlin Express	140 gr. MonoFlex®	82734	2800	2532	2279	2040	1818	1613	2437	1992	1614	1294	1027	809	-1.5	2.0	0	-8.7	-25.8	-53.4
LEV	308 Marlin Express	160 gr. FTX®	82733	2660	2438	2227	2027	1838	1661	2514	2112	1762	1459	1200	980	-1.5	2.2	0	-9.2	-26.9	-54.9
SF	300 Savage	150 gr. SST®	82221	2740	2499	2272	2056	1852	1663	2500	2081	1718	1407	1143	921	-1.5	2.1	0	-8.8	-25.8	-53.1
T	308 Win	110 gr. TAP® FPD™	80898	3165	2830	2520	2230	1960	1711	2447	1956	1551	1215	938	715	-1.5	1.4	0	-6.9	-20.9	-44.0
CL	308 Win	125 gr. SST®	80866	2675	2389	2121	1871	1642	1437	1986	1584	1248	971	748	573	-1.5	2.3	0	-10.1	-30.1	-63.2
SF	308 Win	150 gr. SST®	80933	3000	2772	2556	2350	2153	1966	2997	2559	2176	1839	1543	1287	-1.5	1.5	0	-6.8	-20.0	-40.7
SF	308 Win	150 gr. GMX®	8094	2940	2715	2502	2298	2103	1919	2879	2455	2084	1758	1473	1226	-1.5	1.6	0	-7.2	-21.0	-42.7
SF	308 Win	150 gr. InterBond®	80938	3000	2772	2556	2350	2153	1966	2997	2559	2176	1839	1543	1287	-1.5	1.5	0	-6.8	-20.0	-40.7
AW	308 Win	150 gr. InterLock® SP	8090	2820	2561	2316	2085	1868	1667	2649	2184	1787	1448	1162	925	-1.5	1.9	0	-8.4	-24.9	-51.3
C	308 Win	150 gr. SST®	8093	2820	2601	2393	2194	2005	1826	2649	2253	1907	1603	1338	1110	-1.5	1.8	0	-7.9	-23.1	-46.9
M	308 Win	155 gr. OTM	8087N	2775	2553	2342	2141	1950	1770	2650	2243	1887	1577	1308	1078	-1.5	1.9	0	-8.3	-24.2	-49.3
M	308 Win	155 gr. A-MAX®	8095PM	2850	2640	2439	2247	2064	1889	2795	2398	2047	1737	1466	1229	-1.5	1.8	0	-7.6	-22.1	-44.8
S	308 Win	155 gr. BTHP	80926	2610	2396	2192	1998	1815	1645	2344	1975	1654	1374	1134	931	-1.5	2.3	0	-9.5	-27.8	-56.7
T	308 Win	155 gr. TAP® FPD™	80928	2785	2578	2380	2190	2010	1838	2669	2286	1949	1651	1390	1163	-1.5	1.9	0	-8.0	-23.3	-47.3
FB	308 Win	165 gr. GMX®	80987	2610	2416	2230	2052	1883	1723	2496	2138	1821	1542	1299	1088	-1.5	2.2	0	-9.2	-26.8	-54.1
SF	308 Win	165 gr. SST®	80983	2840	2636	2440	2253	2074	1904	2955	2545	2182	1860	1577	1328	-1.5	1.8	0	-7.6	-22.1	-44.6
SF	308 Win	165 gr. InterBond®	80998	2840	2636	2440	2253	2074	1904	2955	2545	2182	1860	1577	1328	-1.5	1.8	0	-7.6	-22.1	-44.6
SF	308 Win	165 gr. GMX®	8099	2750	2550	2358	2174	1999	1833	2771	2381	2037	1732	1464	1231	-1.5	1.9	0	-8.2	-23.8	-48.1
C	308 Win	165 gr. InterLock® BTSP	8098	2700	2496	2302	2116	1939	1772	2671	2283	1941	1640	1377	1150	-1.5	2.1	0	-8.6	-25.0	-50.7
M	308 Win	168 gr. BTHP	8097	2700	2503	2315	2134	1962	1799	2719	2337	1998	1699	1436	1207	-1.5	2.0	0	-8.5	-24.7	-50.0
M	308 Win	168 gr. A-MAX®	8096	2700	2513	2334	2162	1998	1841	2719	2356	2032	1744	1489	1264	-1.5	2.0	0	-8.4	-24.3	-48.8
SM	308 Win	168 gr. A-MAX®	80964	2840	2647	2463	2286	2116	1954	3009	2614	2263	1949	1670	1424	-1.5	1.7	0	-7.5	-21.6	-43.6
T	308 Win	168 gr. TAP® FPD™	80968	2700	2513	2334	2162	1998	1841	2719	2356	2032	1744	1489	1264	-1.5	2.0	0	-8.4	-24.3	-48.8
M	308 Win	178 gr. BTHP	8105	2600	2436	2278	2125	1979	1839	2672	2345	2050	1785	1548	1337	-1.5	2.2	0	-8.9	-25.5	-51.0
SM	308 Win	178 gr. BTHP	8077	2780	2609	2445	2287	2134	1987	3054	2691	2363	2066	1800	1561	-1.5	1.8	0	-7.6	-21.9	-43.9
CL	30-06 Springfield	125 gr. SST®	81066	2700	2412	2143	1891	1660	1454	2023	1615	1274	993	765	586	-1.5	2.3	0	-9.9	-29.5	-61.9
SF	30-06 Springfield	150 gr. InterBond®	81098	3080	2848	2628	2418	2218	2028	3159	2701	2300	1948	1639	1370	-1.5	1.4	0	-6.4	-18.8	-38.3
SF	30-06 Springfield	150 gr. SST®	81093	3080	2848	2628	2418	2218	2028	3159	2701	2300	1948	1639	1370	-1.5	1.4	0	-6.4	-18.8	-38.3
SF	30-06 Springfield	150 gr. GMX®	8112	3080	2848	2628	2418	2218	2028	3159	2701	2300	1948	1639	1370	-1.5	1.4	0	-6.4	-18.8	-38.3
AW	30-06 Springfield	150 gr. InterLock® SP	8108	2910	2637	2381	2139	1911	1700	2820	2317	1888	1523	1216	963	-1.5	1.8	0	-7.9	-23.5	-48.6
FB	30-06 Springfield	165 gr. GMX®	81163	2800	2597	2404	2218	2041	1873	2872	2471	2117	1803	1526	1285	-1.5	1.8	0	-7.9	-22.8	-46.1
SF	30-06 Springfield	165 gr. InterBond®	81158	2960	2750	2550	2358	2175	2000	3210	2770	2382	2037	1733	1465	-1.5	1.6	0	-6.9	-20.1	-40.6
SF	30-06 Springfield	165 gr. SST®	81153	2960	2750	2550	2358	2175	2000	3210	2770	2382	2037	1733	1465	-1.5	1.6	0	-6.9	-20.1	-40.6
SF	30-06 Springfield	165 gr. GMX®	8116	2940	2731	2532	2341	2158	1984	3167	2732	2348	2007	1706	1442	-1.5	1.6	0	-7.0	-20.4	-41.3
C	30-06 Springfield	165 gr. InterLock® BTSP	8115	2800	2592	2393	2203	2022	1850	2872	2461	2098	1778	1498	1254	-1.5	1.9	0	-7.9	-23.0	-46.7
VM	30-06 Springfield	168 gr. A-MAX® Match	81170	2710	2523	2343	2171	2006	1849	2739	2374	2048	1758	1501	1275	-0.9	2.3	0	-8.6	-24.6	-49.3
SF	30-06 Springfield	180 gr. InterBond®	81188	2820	2630	2448	2274	2106	1946	3178	2765	2396	2066	1772	1513	-1.5	1.8	0	-7.6	-21.9	-44.1
SF	30-06 Springfield	180 gr. SST®	81183	2820	2630	2448	2274	2106	1946	3178	2765	2396	2066	1772	1513	-1.5	1.8	0	-7.6	-21.9	-44.1
C	30-06 Springfield	180 gr. InterLock® SP	8118	2700	2492	2293	2103	1923	1753	2914	2481	2101	1768	1478	1228	-1.5	2.1	0	-8.7	-25.2	-51.2
SF	30 TC	150 gr. SST®	81004	3000	2772	2556	2350	2153	1966	2997	2559	2176	1839	1543	1287	-1.5	1.5	0	-6.8	-20.0	-40.7
SF	30 TC	150 gr. GMX®	81006	2920	2696	2483	2280	2087	1903	2840	2421	2054	1732	1450	1206	-1.5	1.7	0	-7.3	-21.3	-43.3
SF	30 TC	165 gr. SST®	81014	2850	2645	2449	2262	2083	1912	2976	2563	2198	1875	1589	1340	-1.5	1.7	0	-7.5	-21.9	-44.3
SF	300 RCM	150 gr. SST®	82231	3310	3065	2834	2615	2406	2207	3649	3129	2675	2277	1928	1622	-1.5	1.1	0	-5.5	-16.0	-32.6
SF	300 RCM	150 gr. GMX®	82230	3265	3023	2794	2577	2369	2172	3550	3043	2600	2211	1870	1571	-1.5	1.2	0	-5.6	-16.5	-33.6
SF	300 RCM	165 gr. SST®	82232	3185	2964	2754	2554	2362	2178	3716	3218	2778	2389	2044	1738	-1.5	1.2	0	-5.8	-17.0	-34.4
SF	300 RCM	165 gr. InterBond®	82227	3185	2964	2754	2554	2362	2178	3716	3218	2778	2389	2044	1738	-1.5	1.2	0	-5.8	-17.0	-34.4
SF	300 RCM	165 gr. GMX®	82229	3130	2912	2704	2506	2316	2135	3589	3106	2679	2301	1966	1669	-1.5	1.3	0	-6.1	-17.7	-35.8
SF	300 RCM	180 gr. InterBond®	82228	3040	2840	2650	2467	2292	2124	3694	3225	2807	2433	2099	1802	-1.5	1.4	0	-6.4	-18.5	-37.2
SF	300 RCM	180 gr. SST®	82235	3040	2840	2650	2467	2292	2124	3694	3225	2807	2433	2099	1802	-1.5	1.4	0	-6.4	-18.5	-37.2
C	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
CL	300 Win Mag	150 gr. SST®	82017	2800	2582	2375	2177	1988	1810	2611	2220	1878	1578	1316	1091	-1.5	1.9	0	-8.0	-23.5	-47.7
SF	300 Win Mag	150 gr. GMX®	82012	3400	3150	2914	2691	2479	2276	3850	3304	2829	2412	2046	1725	-1.5	1.0	0	-5.1	-15.1	-30.7
AW	300 Win Mag	150 gr. InterLock® SP	8204	3275	2988	2719	2466	2227	2001	3572	2973	2463	2026	1651	1333	-1.5	1.2	0	-5.9	-17.6	-36.3
FB	300 Win Mag	165 gr. GMX®	82023	3100	2883	2677	2480	2291	2111	3521	3045	2625	2253	1923	1632	-1.5	1.3	0	-6.2	-18.1	-36.6
SF	300 Win Mag	165 gr. InterBond®	82028	3260	3035	2822	2618	2424	2237	3893	3374	2917	2511	2152	1834	-1.5	1.2	0	-5.5	-16.1	-32.6
SF	300 Win Mag	165 gr. GMX®	82026	3260	3035	2822	2618	2424	2237	3893	3374	2917	2511	2152	1834	-1.5	1.2	0	-5.5	-16.1	-32.6
C	300 Win Mag	165 gr. InterLock® BTSP	8202	3100	2877	2666	2464	2271	2087	3521	3033	2604	2224	1889	1595	-1.5	1.4	0	-6.3	-18.3	-37.0
SF	300 Win Mag	180 gr. InterBond®	82198	3130	2926	2732	2546	2368	2196	3915	3422	2983	2591	2240	1928	-1.5	1.3	0	-5.9	-17.2	-34.8
C	300 Win Mag	180 gr. InterLock® SP	8200	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																	

Ammo Description			Velocity (fps)							Energy (ft/lb)						Trajectory Tables (inches)					
CARTRIDGE	BULLET	ITEM #	MUZ	100 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	
C	7.62x39mm	123 gr. SST® (20" Bbl)	8078	2360	2049	1764	1511	1296	1133	1521	1147	850	623	459	350	-1.5	3.4	0	-14.7	-44.7	-96.6
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
VM	303 British	174 gr. BTHP	8228	2430	2252	2082	1919	1765	1621	2281	1959	1674	1423	1204	1015	-1.5	2.7	0	-10.7	-30.9	-62.3
LEV	32 Win Special	165 gr. FTX®	82732	2410	2144	1897	1669	—	—	2128	1685	1318	1020	—	—	-0.9	3.4	0	-13.1	—	—
C	8 x 57mm Mauser	196 gr. SP	8229	2500	2293	2097	1911	1735	1573	2720	2289	1914	1589	1310	1076	-1.5	2.6	0	-10.5	-30.5	-62.2
VM	8 x 57mm Mauser	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
LEV	338 Marlin Express	200 gr. FTX®	82240	2565	2365	2174	1992	1820	1659	2922	2484	2099	1763	1471	1221	-1.5	2.4	0	-9.7	-28.3	-57.3
SF	338 RCM	185 gr. GMX®	82238	2980	2756	2543	2339	2145	1961	3648	3119	2656	2248	1891	1579	-1.5	1.6	0	-6.9	-20.2	-41.1
SF	338 RCM	200 gr. SST®	82237	2950	2744	2548	2359	2179	2007	3865	3344	2882	2472	2108	1788	-1.5	1.6	0	-6.9	-20.1	-40.7
SF	338 RCM	225 gr. InterBond®	82138	2750	2575	2408	2246	2091	1942	3778	3314	2896	2521	2184	1884	-1.5	1.9	0	-7.9	-22.7	-45.5
SF	338 RCM	225 gr. SST®	82236	2750	2575	2408	2246	2091	1942	3778	3314	2896	2521	2184	1884	-1.5	1.9	0	-7.9	-22.7	-45.5
SF	338 Win Mag	185 gr. GMX®	82226	3080	2851	2633	2426	2228	2039	3897	3338	2848	2417	2038	1708	-1.5	1.4	0	-6.4	-18.8	-38.2
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
SF	338 Win Mag	225 gr. InterBond®	82338	2840	2662	2491	2326	2168	2016	4029	3540	3100	2704	2348	2030	-1.5	1.7	0	-7.3	-21.1	-42.2
SF	338 Win Mag	225 gr. SST®	82233	2840	2662	2491	2326	2168	2016	4029	3540	3100	2704	2348	2030	-1.5	1.7	0	-7.3	-21.1	-42.2
M	338 Lapua Mag	250 gr. BTHP	8230	2900	2761	2626	2495	2368	2244	4668	4230	3827	3455	3112	2796	-1.5	1.5	0	-6.6	-18.8	-37.1
C	338 Lapua Mag	250 gr. InterLock® SP-RP	82307	2900	2685	2481	2285	2098	1921	4668	4002	3416	2899	2444	2048	-1.5	1.7	0	-7.3	-21.3	-43.3
M	338 Lapua Mag	285 gr. A-MAX®	82301	2745	2629	2516	2406	2298	2193	4768	4373	4005	3662	3342	3044	-1.5	1.8	0	-7.3	-20.6	-40.4
M	338 Lapua Mag	285 gr. BTHP	82306	2745	2626	2509	2396	2286	2178	4768	4362	3984	3633	3306	3002	-1.5	1.8	0	-7.3	-20.7	-40.7
LEV	35 Rem	200 gr. FTX®	82735	2225	1963	1722	1505	—	—	2198	1711	1317	1006	—	—	-1.5	3.8	0	-15.6	—	—
SF	35 Whelen	200 gr. InterLock® SP	81193	2910	2585	2283	2001	1742	1509	3760	2968	2314	1778	1347	1012	-1.5	1.9	0	-8.6	-25.9	-54.8
C	358 Win	200 gr. InterLock® SP	91318	2475	2180	1906	1655	1434	1248	2720	2110	1612	1217	913	692	-1.5	2.9	0	-12.6	-37.9	-80.3
DG	9.3x62mm	286 gr. InterLock® SP-RP	82303	2360	2155	1961	1778	1608	1453	3537	2949	2442	2008	1642	1341	-1.5	0	-6.0	-21.1	-47.2	-86.8
DG	9.3x74R	286 gr. InterLock® SP-RP	82304	2360	2155	1961	1778	1608	1453	3537	2949	2442	2008	1642	1341	-1.5	3.0	-6.0	-21.1	-47.2	-86.8
DG	376 Steyr	225 gr. InterLock® SP-RP	8234	2600	2331	2079	1843	1627	1433	3377	2715	2159	1697	1322	1026	-1.5	2.5	0	-10.5	-31.4	-65.4
DG	376 Steyr	270 gr. InterLock® SP-RP	8237	2600	2373	2157	1953	1761	1584	4053	3375	2789	2286	1859	1505	-1.5	2.4	0	-9.8	-28.8	-59.1
SF	375 H&H Mag	250 gr. GMX®	82311	2890	2675	2471	2275	2088	1911	4636	3973	3388	2873	2421	2027	-1.5	1.7	0	-7.4	-21.5	-43.6
DG	375 H&H Mag	270 gr. InterLock® SP-RP SF	8508	2800	2562	2337	2123	1921	1732	4700	3936	3275	2703	2213	1798	-1.5	1.9	0	-8.3	-24.3	-49.8
DG	375 H&H Mag	270 gr. InterLock® SP-RP	82312	2700	2468	2247	2038	1841	1657	4370	3650	3027	2490	2032	1647	-1.5	2.1	0	-9.0	-26.5	-54.2
DG	375 H&H Mag	300 gr. DGS®	82322	2530	2224	1939	1680	1450	1257	4264	3293	2506	1879	1400	1052	-1.5	2.8	0	-12.1	-36.6	-77.8
DG	375 H&H Mag	300 gr. DGX®	82332	2530	2224	1939	1680	1450	1257	4264	3293	2506	1879	1400	1052	-1.5	2.8	0	-12.1	-36.6	-77.8
SF	375 Ruger	250 gr. GMX®	82310	2890	2675	2471	2275	2088	1911	4636	3973	3388	2873	2421	2027	-1.5	1.7	0	-7.4	-21.5	-43.6
DG	375 Ruger	270 gr. InterLock® SP-RP SF	8231	2840	2600	2373	2158	1953	1762	4835	4054	3377	2791	2288	1861	-1.5	1.8	0	-8.0	-23.6	-48.2
DG	375 Ruger	300 gr. DGX® SF	82333	2660	2345	2052	1782	1539	1330	4713	3662	2804	2114	1577	1177	-1.5	2.4	0	-10.8	-32.6	-69.2
DG	375 Ruger	300 gr. DGS® SF	8232	2660	2345	2052	1782	1539	1330	4713	3662	2804	2114	1577	1177	-1.5	2.4	0	-10.8	-32.6	-69.2
DG	450/400 Nitro Express 3"	400 gr. DGX®	82433	2050	1820	1609	1420	—	—	3732	2940	2298	1791	—	—	-0.9	0	-9.7	-32.8	—	—
DG	450/400 Nitro Express 3"	400 gr. DGS®	8242	2050	1820	1609	1420	—	—	3732	2940	2298	1791	—	—	-0.9	0	-9.7	-32.8	—	—
C	405 Win	300 gr. InterLock® SP	8241	2200	1890	1612	1371	—	—	3224	2380	1730	1252	—	—	-1.5	0	-8.3	-30.2	—	—
DG	416 Rem Mag	400 gr. DGX®	82673	2400	2142	1901	1679	—	—	5116	4076	3211	2504	—	—	-1.5	3.1	0	-12.7	—	—
DG	416 Rem Mag	400 gr. DGS®	82674	2400	2142	1901	1679	—	—	5116	4076	3211	2504	—	—	-1.5	3.1	0	-12.7	—	—
DG	416 Ruger	400 gr. DGX®	82665	2400	2142	1901	1679	—	—	5116	4076	3211	2504	—	—	-1.5	3.1	0	-12.7	—	—
DG	416 Ruger	400 gr. DGS®	82666	2400	2142	1901	1679	—	—	5116	4076	3211	2504	—	—	-1.5	3.1	0	-12.7	—	—
DG	416 Rigby	400 gr. DGX®	82663	2415	2156	1915	1691	—	—	5180	4130	3256	2540	—	—	-1.5	0	-6.0	-21.6	—	—
DG	416 Rigby	400 gr. DGS®	8265	2415	2156	1915	1691	—	—	5180	4130	3256	2540	—	—	-1.5	0	-6.0	-21.6	—	—
DG	404 Jeffery	400 gr. DGX®	8238	2300	2053	1823	1611	—	—	4698	3743	2950	2306	—	—	-1.5	0	-6.8	-24.1	—	—
DG	404 Jeffery	400 gr. DGS®	8239	2300	2053	1823	1611	—	—	4698	3743	2950	2306	—	—	-1.5	0	-6.8	-24.1	—	—
SF	444 Marlin	265 gr. InterLock® FP	82453	2400	1974	1601	1295	—	—	3389	2294	1508	987	—	—	-1.5	3.8	0	-17.5	—	—
LEV	444 Marlin	265 gr. FTX®	82744	2325	1971	1654	1381	—	—	3181	2286	1609	1123	—	—	-1.5	3.8	0	-16.6	—	—
C	450 Bushmaster	250 gr. FTX® (20" Bbl)	82244	2200	1835	1515	1255	—	—	2687	1868	1274	874	—	—	-2.4	4.1	0	-19.3	—	—
LEV	45-70 Govt	250 gr. MonoFlex®	82741	2025	1616	1285	1068	—	—	2276	1449	917	634	—	—	-1.5	6.1	0	-27.2	—	—
LEV	45-70 Govt	325 gr. FTX®	82747	2000	1685	1413	1197	—	—	2886	2049	1441	1035	—	—	-1.5	5.5	0	-23.0	—	—
LEV	450 Marlin	325 gr. FTX®	82750	2225	1887	1587	1332	—	—	3572	2570	1816	1280	—	—	-1.5	4.2	0	-18.1	—	—
DG	450 Nitro Express 3 1/4"	480 gr. DGX®	8255	2150	1881	1635	1418	—	—	4927	3769	2850	2144	—	—	-1.5	0	-8.4	-29.9	—	—
DG	450 Nitro Express 3 1/4"	480 gr. DGS®	8256	2150	1881	1635	1418	—	—	4927	3769	2850	2144	—	—	-1.5	0	-8.4	-29.9	—	—
DG	458 Win Mag	500 gr. DGX® SF	85833	2140	1880	1643	1432	—	—	5084	3924	2996	2276	—	—	-1.5	0	-8.4	-29.8	—	—
DG	458 Win Mag	500 gr. DGS® SF	8585	2140	1880	1643	1432	—	—	5084	3924	2996	2276	—	—	-1.5	0	-8.4	-29.8	—	—
DG	458 Lott	500 gr. DGX®	82613	2300	2029	1778	1551	—	—	5873	4569	3509	2671	—	—	-1.5	0	-7.0	-25.1	—	—
DG	458 Lott	500 gr. DGS®	8262	2300	2029	1778	1551	—	—	5873	4569	3509	2671	—	—	-1.5	0	-7.0	-25.1	—	—
DG	470 Nitro Express	500 gr. DGX®	8263	2150	1885	1643	1429	—	—	5132	3945	2998	2267	—	—	-0.9	0	-8.9	-30.8	—	—
DG	470 Nitro Express	500 gr. DGS®	8264	2150	1885	1643	1429	—	—	5132	3945	2998	2267	—	—	-0.9	0	-8.9	-30.8	—	—
DG	500 Nitro Express 3"	570 gr. DGX®	8268	2150	1889	1651	1439	—	—	5850	4518	3450	2621	—	—	-0.9	0	-8.9	-30.6	—	—
DG	500 Nitro Express 3"	570 gr. DGS®	8269	2150	1889	1651	1439	—	—	5850	4518	3450	2621	—	—	-0.9	0	-8.9	-30.6	—	—
M	50 BMG	75																			



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