



2022

BARNES BULLETS | PRODUCT CATALOG



**BARNES®**

**UTAH'S HOME. ALWAYS WILL BE.**

**UTAH PROUD & WORLD RENOWNED.**

Utah isn't just home. It's America's epicenter of ballistic science and home to the most obsessed, dedicated, and passionate group of ammunition engineers and craftsmen on the planet. Avid shooters and hunters who use what they build – honing the most accurate, most effective bullets, components and ammunition the world has ever seen. Forged here in Mona, Utah, our advancements have taken the world by storm, bringing the pinnacle of our ballistic innovation to the doorsteps of hunters worldwide.



## **KNOCKDOWN PACK-OUT CHAMPION OF THE WEST.**

**BARNES AMMUNITION: THE WORLD'S MOST  
EFFECTIVE ALL-COPPER HUNTING BULLET.**

Western big game hunts will challenge even the most seasoned hunter. We know because these are our stomping grounds. From traversing steep timber canyons and bugling in bull elk in heavy timber, to taking cross-canyon shots and stalking pronghorn across open plains, these hunts demand peak performance from you and your gear. That's why we make bullets purpose-built for the challenges of a western hunt. With higher weight retention and twice the expansion of other hunting projectiles, our bullets deliver terminal results at any range and any species, so when the moment of truth arrives, you'll have everything you need to tag out.

Barnes all-copper bullets—the most technologically advanced ammunition on the planet made by the most dedicated western hunters on the planet.



**HUNTING****VOR-TX LR RIFLE****14**

Loaded with premium all-copper Barnes LRX bullets and designed for deadly precision at long range.

**VOR-TX RIFLE****16**

Handloaded precision in a factory round super-engineered to stop big game in its tracks.

**VOR-TX SAFARI****18**

The destructive power of TSX bullets and the virtually indestructible, straight-tracking, deep-penetrating Banded Solids.

**VOR-TX HANDGUN****19**

The XPB bullets deliver deep penetration and double-diameter expansion in popular calibers.

**TSX / TTSX / LRX****20**

Proven to be the most accurate and lethal hunting bullets available at any ethical distance.

**MUZZLELOADER****21**

Extreme muzzleloader precision, with awesome expansion, high weight retention and deep penetration.

**PERSONAL DEFENSE****24**

Large, deep hollow-point cavity bullets designed for top performance when it's most critical.

**TAC-XP PISTOL****25**

The all-copper construction and very large, deep hollow-point cavity expand, penetrate and perform more consistently than any personal defense product on the market.

**DEFENSE BUCKSHOT****26**

The terminal punch and dense consistent patterns you need when it matters most.

**MATCH RANGE TARGET****PRECISION MATCH****28**

For shooters who demand uncompromising performance and exceptionally accurate, long-range results.

**MATCH BURNERS****29**

Premium match-grade bullets for competitive and target shooting at extreme distances.

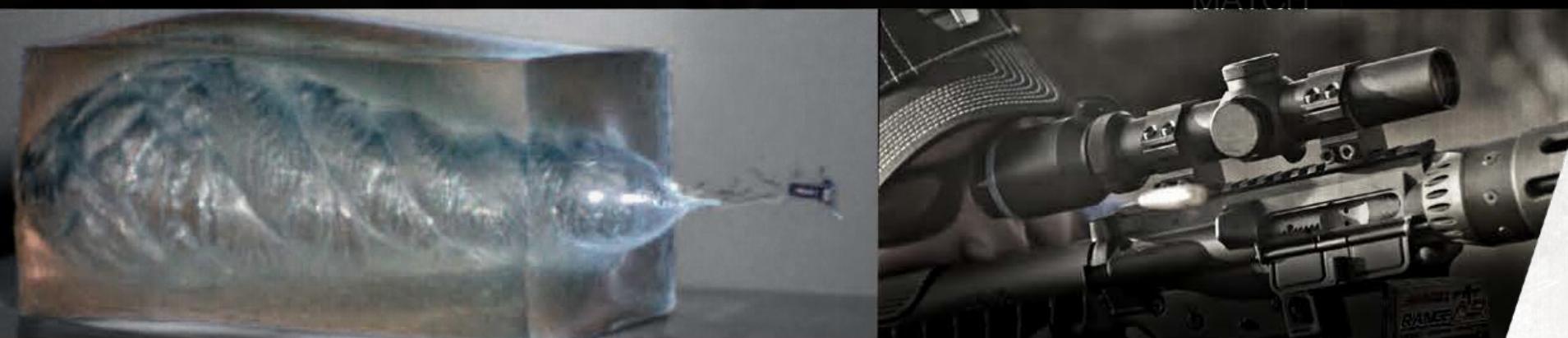
**BARNES AMMUNITION****ALL-PURPOSE****32**

All-purpose ammunition optimized for ultimate confidence on the range, small game, and for personal defense.



# THE BARNES X BULLET

**BARNES**  
PRECISION  
MATCH



The XLC Bullet featured a dry film lubricating coating designed to decrease fouling and improve velocity and accuracy. Introduced in 2003, the TSX Bullet incorporated horizontal grooves along the circumference of the bullet, which eliminated the need for a dry lubricating film. These grooves also provided a place for copper displaced by the rifling to resettle.

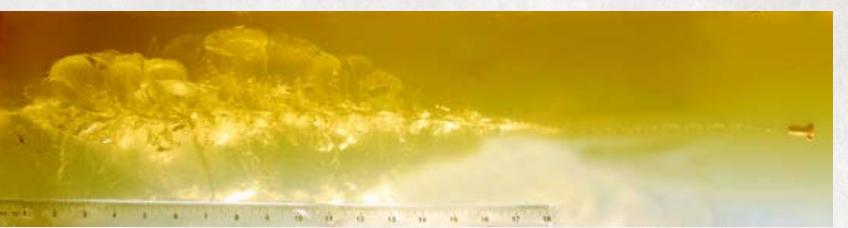
The Barnes TTSX added a blue polymer tip to the proven X Bullet equation. This tip raised the ballistic coefficient for improved flight characteristics and acted as a wedge to promote full expansion and energy transfer.

In 2011, Barnes introduced the LRX Bullet, designed for consistent terminal results at close and long range, with a bullet shape and design optimized for maximum ballistic coefficient.

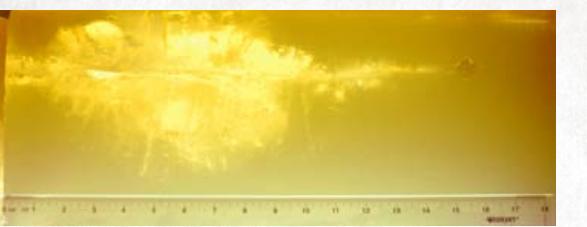
## PIONEERING THE WORLD'S MOST EFFECTIVE ALL-COPPER HUNTING BULLET.

For more than 30 years since its introduction, the all-copper Barnes X Bullet has remained the first choice of serious big-game hunters. Its specially engineered razor-sharp petals produce massive wound channels even in dense, thick-skinned game. With deeper penetration, near 2X expansion and higher weight retention than virtually any other projectile on the market today. Ballistic innovation that continues to evolve over five X Bullet generations – all adding up to ammunition worthy of the most dangerous African big game, and the next deer season.

**COMPETITIVE ANALYSIS  
PERFORMED WITH  
180 GRAIN BULLETS  
FIRED FROM A 300  
WIN MAG AT 300-YARD  
IMPACT VELOCITY INTO  
BALLISTICS GELATIN.**



Barnes all-copper TSX



Leading competitor's jacketed lead-core hunting bullet



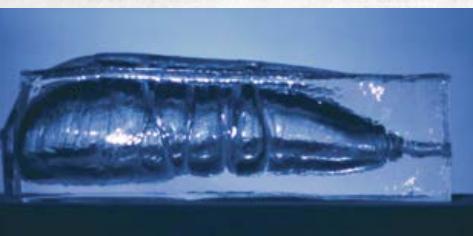
VOR-TX 35 Whelen 180 GR Tipped TSX,  
recovered from a hog

**THE BULLET IS THE LEAST  
EXPENSIVE PART OF THE HUNT.  
DON'T COMPROMISE.**

Barnes all-copper bullets expand rapidly, dump more energy and penetrate deeper than any lead-core bullet available. The Barnes all-copper bullets expand into four, five or six cutting petals that tear through tissue, bone and vital organs allowing for deeper penetration and maximum terminal performance.



**BARNES VOR-TX LR GEL BLOCKS**



Barnes VOR-TX LR (Long Range)  
6mm Creedmoor  
95gr. Barnes LRX BT  
Impact Distance: 500 yd.  
Penetration: 20+ in.



Barnes VOR-TX LR (Long Range)  
270 Winchester  
129gr. Barnes LRX BT  
Impact Distance: 500 yd.  
Penetration: 20+ in.



Barnes VOR-TX LR (Long Range)  
7mm Remington Magnum  
139gr. Barnes LRX BT  
Impact Distance: 500 yd.  
Penetration: 20+ in.

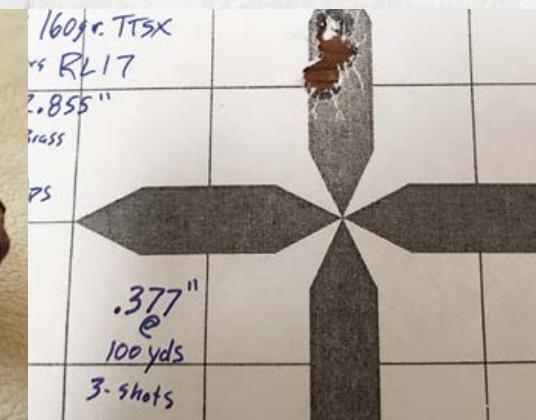


Barnes VOR-TX LR (Long Range)  
338 Remington Ultra Magnum  
250gr. Barnes LRX BT  
Impact Distance: 500 yd.  
Penetration: 20+ in.

**GC**

**WHEN YOU COMBINE  
PRECISION WITH  
THE TERMINAL  
PERFORMANCE OF  
BARNES BULLETS,  
YOU GET AN INSTANT  
KNOCK DOWN.**

**BRADY MILLER**  
GOHUNT DIGITAL CONTENT MANAGER  
NEW MEXICO  
WESTERN HUNT EXPERIENCE 2021





**LOADED WITH  
DECades OF  
ON-GAME  
EXPERIENCE.**

At Barnes, constant innovation leads to ballistic perfection. Since 1991, we've employed aerospace technical abilities in our manufacturing process. And today, we're taking accuracy and on-game effectiveness to new levels with VOR-TX LR. It's optimized to deliver stunning performance at close and extended ranges. As pioneers of all-copper hunting bullet technology, we are driven to achieve an unrivaled combination of precision and devastating terminal results. A reputation born of extensive testing and countless hunts. Proudly creating the most technologically advanced hunting bullets and ammunition on the planet.



# HUNTING

## AMMUNITION & COMPONENTS

VOR-TX AMMUNITION

TSX / TTSX / LRX

MUZZLELOADER

HANDGUN COMPONENTS

PREDATORS & VARMINTS

ORIGINAL / SOLIDS



# VOR-TX LR

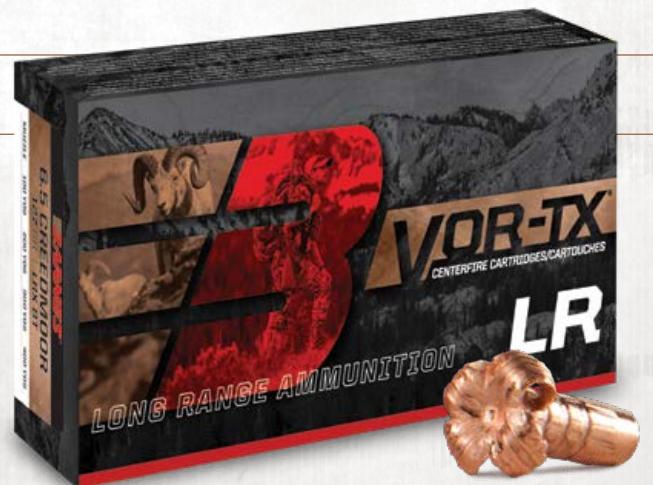
HUNTING AMMUNITION

**SURGICAL PRECISION AND  
UNMATCHED TERMINAL  
PERFORMANCE  
AT EVERY DISTANCE.**

## VOR-TX LR AMMUNITION

Target bullets with high ballistic coefficients can't be trusted to take down big-game animals quickly and humanely. VOR-TX LR ammunition is loaded with premium all-copper Barnes LRX bullets specially designed not only for precision at long range but unrivaled on-game effectiveness at every range. So whether your trophy presents at close or extreme distance, you can rely on devastating terminal performance from the purpose-built LRX bullet.

SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 37.

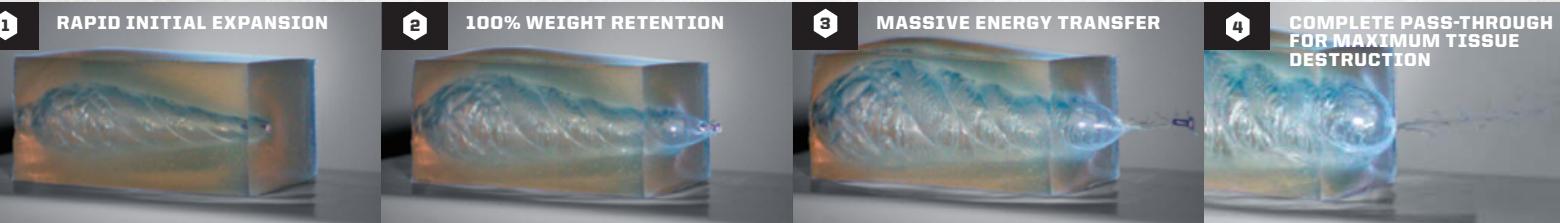


MORE VOR-TX LR INFO @ BARNESBULLETS.COM



## THE ETHICAL SOLUTION TO LONG-RANGE HUNTING

As hunters, we strive to be worthy of our hunting tradition. The bullet delivers your intentions to the target, but all bullets are not designed equal.



**LRX BULLETS ARE DESIGNED  
TO MATCH THE LATEST  
ADVANCEMENTS IN FIREARMS  
AND EXTENDED RANGE  
OPTICS CAPABILITIES.**

Doppler radar technology was utilized in the development process to optimize the bullet's profile for low drag and top accuracy at extreme distances. Its long-range precision previously available only to handloaders - loaded and ready for your hunt today.



## LONG-RANGE PERFORMANCE: IT'S ALL ABOUT THE BULLET.

The all-copper LRX (Long Range X Bullet) opens instantly on impact into four razor-sharp petals that plow a wide wound channel and deposit massive amounts of energy throughout the entire length of the cavity. High weight retention sustains bullet momentum for maximum destruction of tissue, bone and vital organs to effectively and humanely take down game at close and extreme distances.



- Polymer tip boosts ballistic coefficient and helps initiate rapid expansion
- Specially engineered scored nose cavity expands into four razor-sharp petals and a large frontal diameter for maximum energy transfer and deep penetration on game at close and extreme distances
- Accu-Groove technology for minimal fouling and superior accuracy
- Boattail design with precision heel radius



## HUNTING AMMUNITION

### THE PRECISION OF A HANDLOAD. **THE TERMINAL RESULTS ONLY BARNES CAN DELIVER.**

VOR-TX Ammunition delivers handloaded precision in a factory round super-engineered to stop big game in its tracks. Expect complete penetration from our all-copper bullet technology with virtually 100% weight retention and double-diameter expansion. It's a flawless confluence of bullet integrity and predictable, bone-busting chaos that puts animals on the ground like nothing else. They're the deadliest and most accurate hunting loads on the planet.

#### VOR-TX RIFLE

The whirling, destructive power of the Barnes all-copper bullets offer double-diameter expansion, maximum weight retention and excellent accuracy. These bullets provide maximum tissue and bone destruction, pass-through penetration and devastating energy transfer. Loaded with TSX, Tipped TSX and TSX FN bullets.

SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 37.



#### VOR-TX 300 AAC BLACKOUT

Profile ensures flawless magazine-length loading in AR rifles. An excellent choice for whitetail, hogs and defense initiatives.

Available in 110 GR TAC-TX FB and 120 GR TAC-TX BT in VOR-TX Ammunition and reloading components, Barnes legitimized the 300 AAC Blackout as an extremely lethal medium- and large-game hunting cartridge. Engineered exclusively for the 300 AAC Blackout, the competition doesn't hold a candle to the accuracy, terminal performance and wide range of workability the Barnes TAC-TX delivers in this cartridge.

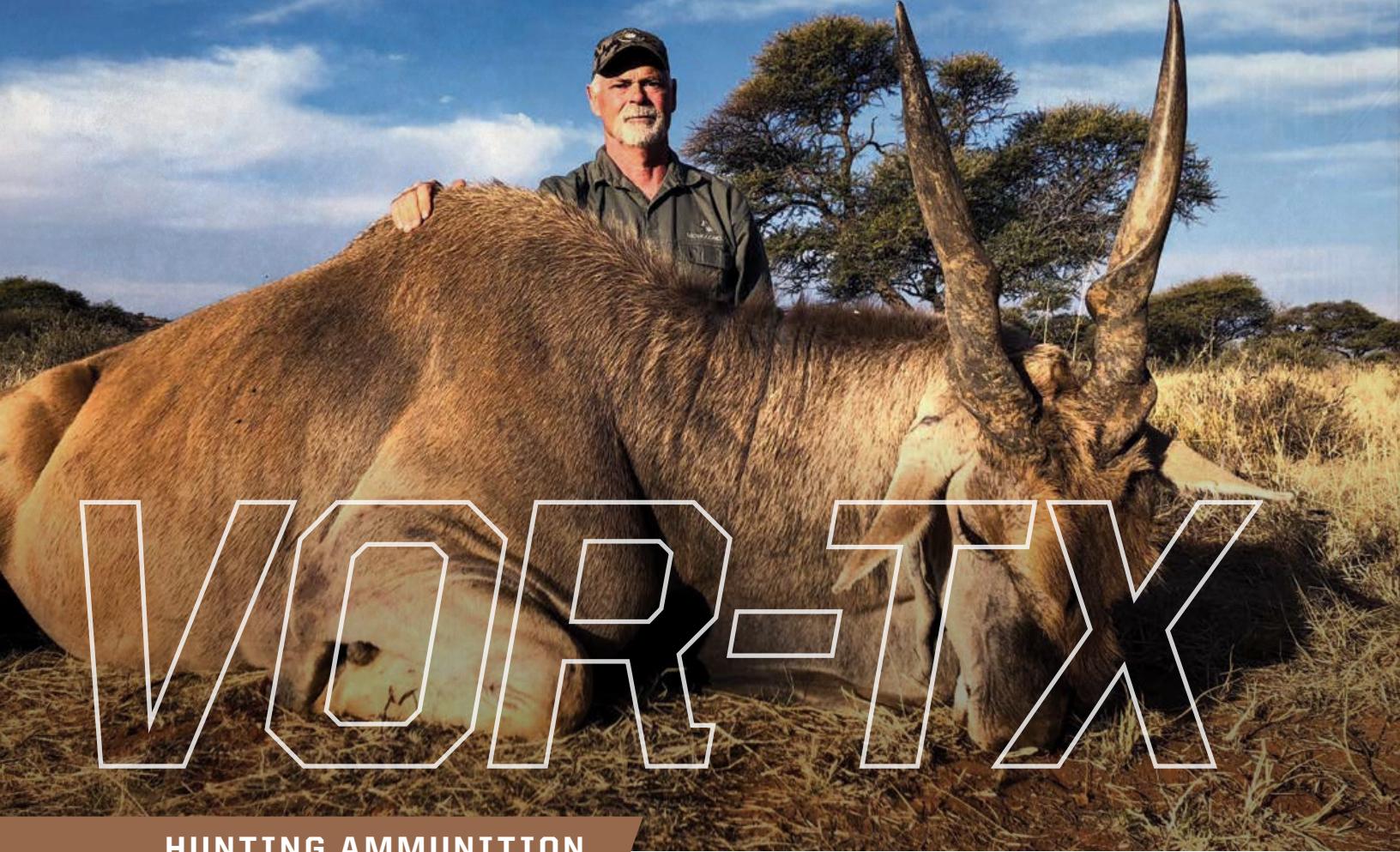
SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 37.



BARNES VOR-TX  
110 GR TAC-TX



BARNES VOR-TX  
110 GR TAC-TX



## HUNTING AMMUNITION

VOR-TX Ammunition delivers hand-loaded precision in a factory round super-engineered to stop game in its tracks. Expect complete penetration from our all-copper bullet technology with virtually 100% weight retention and double-diameter expansion to put animals down like nothing else.

### VOR-TX SAFARI

The destructive power of TSX bullets and the virtually indestructible, straight-tracking, deep-penetrating Banded Solids.

**SOLIDS AVAILABLE AGAIN IN:**  
**375 H&H, 458 WIN AND 458 LOTT**

SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 38.



### NEW VOR-TX EXPANDER SHOTSHELL

New VOR-TX Expander Shotgun slugs deliver rifle-like performance with Barnes proven on-game results engineered in. Its polymer-tipped, all-copper body produce awesome expansion, high weight retention and deep penetration – a trifecta of deer-dropping performance. With higher velocity, flatter trajectory and unmatched accuracy. Available in both 12 and 20 gauge, in 2½" and 3".



### NEW FOR 2020

**EXPANDER TIPPED, 12 GAUGE 437 GR 2¾", #20733**  
**EXPANDER TIPPED, 12 GAUGE 437 GR 3", #20737**  
**EXPANDER TIPPED, 20 GAUGE 250 GR 2¾", #20735**  
**EXPANDER TIPPED, 20 GAUGE 250 GR 3", #20739**

SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 39.

### VOR-TX HANDGUN

The XPB bullets deliver deep penetration and double diameter expansion for maximum weight retention and DRT performance.

**NOW AVAILABLE IN:**  
**9MM, 40 S&W, 45 ACP**

SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 39.



## A REPUTATION FORGED FROM **SOLID COPPER** AND EPIC KNOCKDOWNS.

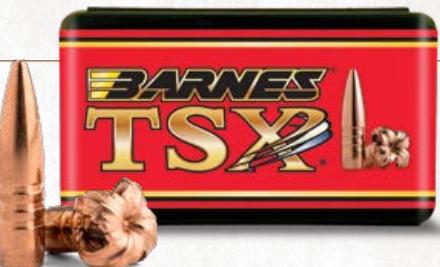
The TSX, TTSX and LRX bullets have proven to be the most accurate and lethal hunting bullets available – a fact countless shooters have confirmed time and time again.

### TSX

NOW AVAILABLE IN: **35 CAL 180 GR FNFB (35 REM)**

The deadly effectiveness of the original Barnes X Bullet with:

- All-copper construction
- Sleek profile and precision heel radius in FB and BT designs
- Accu-Groove technology for decreased fouling and top accuracy
- Devastating terminal performance
- Available in select Barnes VOR-TX ammunition offerings



SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGES 41-42.

### TIPPED TSX

All the features of the TSX Bullet, plus:

- Polymer tip that boosts B.C. and helps initiate rapid expansion
- Re-engineered nose cavity to provide faster expansion and devastating terminal performance
- Popular calibers and weights available in Barnes VOR-TX ammunition



SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGES 40-41.

### LRX

NOW AVAILABLE IN: **25 CAL 101 GR & 30 CAL 208 GR**

All the features of the TSX and the Tipped TSX Bullets, plus:

- Designed to match the latest advancements in firearms and extended range optics capabilities
- Re-engineered nose cavity to provide a wide range of workability for full expansion and deep penetration on game at close and extended distances
- Doppler radar technology utilized in the development process to optimize the bullet's profile for low drag and top accuracy at extended distance
- Available in select Barnes VOR-TX LR Ammunition offerings



SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 45.

## SOLID ACCURACY, **FROM TIP TO TERMINAL** PERFORMANCE.

### MAGNUM MZ

Delivering 100% copper bullets with higher velocity, flatter trajectory and unmatched accuracy. Its unique, magnum load sabot guides its 250 grain polymer tipped, 50-caliber bullet to the highest levels of muzzleloader precision, with awesome expansion, high weight retention and deep penetration – a trifecta of deer-dropping performance. For use in all 50-caliber muzzleloaders.

- High-tech sabot is specifically engineered to withstand magnum powder charges while, while properly sealing the bore and allowing for exceptional accuracy
- Performs well in modern super-magnum MZ rifles that generate over 35,000 psi chamber pressure
- Bullet delivers reliable expansion and deep penetration at both high and low velocities



SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 44.

### EXPANDER MZ

These bullets deliver deadly performance at both high and low velocities. Expand to twice their original diameter, creating six razor-sharp copper petals that slice through game. No fragmentation. These tough, deep-driving bullets typically retain 100 percent of their original weight.

SEE FULL PRODUCT LISTING ON PAGE 44.



### SPIT-FIRE TMZ

The Spit-Fire TMZ shares the same boattail design and 100 percent copper construction with the Spit-Fire MZ but has a streamlined polymer tip for rapid expansion. Higher ballistic coefficient aids exceptional long-range performance.

SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 44.



### SPIT-FIRE T-EZ

Spit-Fire T-EZ muzzleloader bullets with EZ Load sabots load easier in guns with tight bores. Ramrod pressure required to load and seat these 50 caliber flat base bullets is greatly reduced.

SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 44.





**BUILT TO  
DEFEND.  
ENGINEERED TO  
PERFORM.**

The most technologically advanced personal defense loads and components on the market today. The result of thousands of rounds of testing, Barnes personal defense products provide maximum energy transfer and straight tracking for solid confidence in any scenario. They're optimized to meet stringent FBI protocol and law enforcement standards, and engineered to penetrate intermediate barriers with minimal deflection, Barnes personal defense loads and bullets deliver consistent, threat-stopping performance you can trust.

# PERSONAL DEFENSE

## AMMUNITION & COMPONENTS

TAC-XPD AMMUNITION

TAC-XP HANDGUN COMPONENTS

DEFENSE BUCKSHOT

**PERSONAL DEFENSE****BARNES TAC-XPD DEFENSE**

The optimized solution for personal and home defense. Engineered to deliver top performance in life-threatening situations. Nickel plated cases and coated, all-copper TAC-XP bullets produce smooth, reliable feeding with virtually no muzzle flash.

The all-copper construction and very large, deep hollow-point cavity expand, penetrate and perform more consistently than any personal defense product on the market.

[SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 39.](#)

PERSONAL DEFENSE OPTIMIZED.  
**WE DIDN'T INVENT PERSONAL DEFENSE AMMUNITION.  
WE PERFECTED IT.**

With a large, deep hollow-point cavity, TAC-XPD ammunition is designed to deliver top performance when it's most critical.

**BARNES TAC-XP PISTOL**

Designed for law enforcement and personal defense, 100-percent copper TAC-XP pistol bullets meet the requirements of lead-free practice environments. They maintain their original weight and track straight after being fired through intermediate barriers like car doors, plywood and automobile windshield glass.

[SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 45.](#)

**NEW BARNES DEFENSE BUCKSHOT SHOTSHELLS**

The massive terminal punch and dense consistent patterns you want when the stakes are at their highest. Every round of Barnes 00 Buckshot is produced with the uncompromising precision and reliability we've built our name on, because every load just may be the one lives depend on.

[SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 45.](#)



**PURSUE  
PERFECTION AT  
ITS FARTHEST  
REACHES.**

Created from first quality, factory-fresh brass, temperature-stable propellants and high-ballistic-coefficient projectiles, Barnes match, range and target ammunition is the most consistent commercially manufactured ammunition on the market today. Barnes is a proud supplier of precision ammunition to America's Elite Military marksmen. Precision rifle, 3-gun and high power competitors can expect that same unwavering consistency in their chosen pursuit.

# MATCH RANGE TARGET

## AMMUNITION & COMPONENTS

PRECISION MATCH  
RIFLE AMMUNITION

MPG [MULTI-PURPOSE GREEN]  
COMPONENTS

MATCH BURNERS  
COMPONENTS





## SEND IT WITH CONFIDENCE. **EVERY TIME.**

For shooters who demand uncompromising performance and exceptionally accurate, long-range results.

### PRECISION MATCH AMMUNITION

Engineered for precision at extreme distances. Barnes' exacting manufacturing and quality standards result in low standard deviations and extreme variations. **CONSISTENCY DELIVERED.**

- High B.C., Match grade, OTM BT projectile for competitive and target shooting at extreme distances
- Temperature stable propellant for low extreme spreads and standard deviations
- First quality, premium brass
- Scan the QR Code located on each box to view Doppler-radar generated drop tables specific to each load
- Barnes proudly supplies precision ammunition to America's Military Elite

**+ NEW FOR 2021 6.5 PRC 145 GR, #30819**  
**223 REM, 55 GR, #32017**  
**223 REM, 77 GR, #32018**

SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 39.



MORE PRECISION MATCH INFO @ BARNESBULLETS.COM

## DESIGNED FOR THE **COMPETITIVE SHOOTER.**

These premium bullets deliver accurate, aggressive results.

### MATCH BURNERS

Barnes Match Burners feature lead-core construction with precision match-grade jackets. They offer competitive shooters the performance and consistency they demand at a competitive price. Match Burners are extremely accurate, consistent and offer high ballistic coefficients. The 6mm/.243" 112gr has a class leading BC of 0.624 (G1) and the new 6.5mm/.264" 145gr has a class leading BC of 0.703 (G1)"

**Available in various calibers and optimized weights and styles to handloaders and loaded in Barnes Precision Match ammunition.**

**6.5MM, 145 GR (100-ct), #30100**  
**6.5MM, 145 GR (Bulk 500-ct), #30102**  
**22 CAL, 77 GR (Bulk 100-ct), #32050**

SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 46.



BULK  
PACKS



MORE MATCH BURNER INFO @ BARNESBULLETS.COM



## BARNES BALLISTIC COEFFICIENT VALIDATION. MEASURE TWICE, ESTIMATE NEVER.

**Before it makes it to you, every new Barnes bullet must make it through one of the industry's most rigorous testing protocols, followed directly by another; advanced Doppler Radar. No short-distance measuring. No computer estimating. Because the smallest variations in velocity, pressure or time of flight add up to downrange differences we'll never accept, nor ask you to. Our process delivers ultimate precision for our published BC values and, most importantly, downrange.**



Barnes utilizes its 300 yard indoor range to accurately measure and calculate BC values, using three variables: instrumental velocity, time of flight (TOF) and air density. Instrumental velocity and TOF are measured using commercial ballistic testing equipment, accurate within .1%. Air density is determined by carefully measuring the current temperature pressure, and humidity at our indoor range. But Barnes doesn't stop there. Even though this test method ranks among the most accurate in the industry, we confirm all data using another highly accurate measuring technique – Doppler radar.

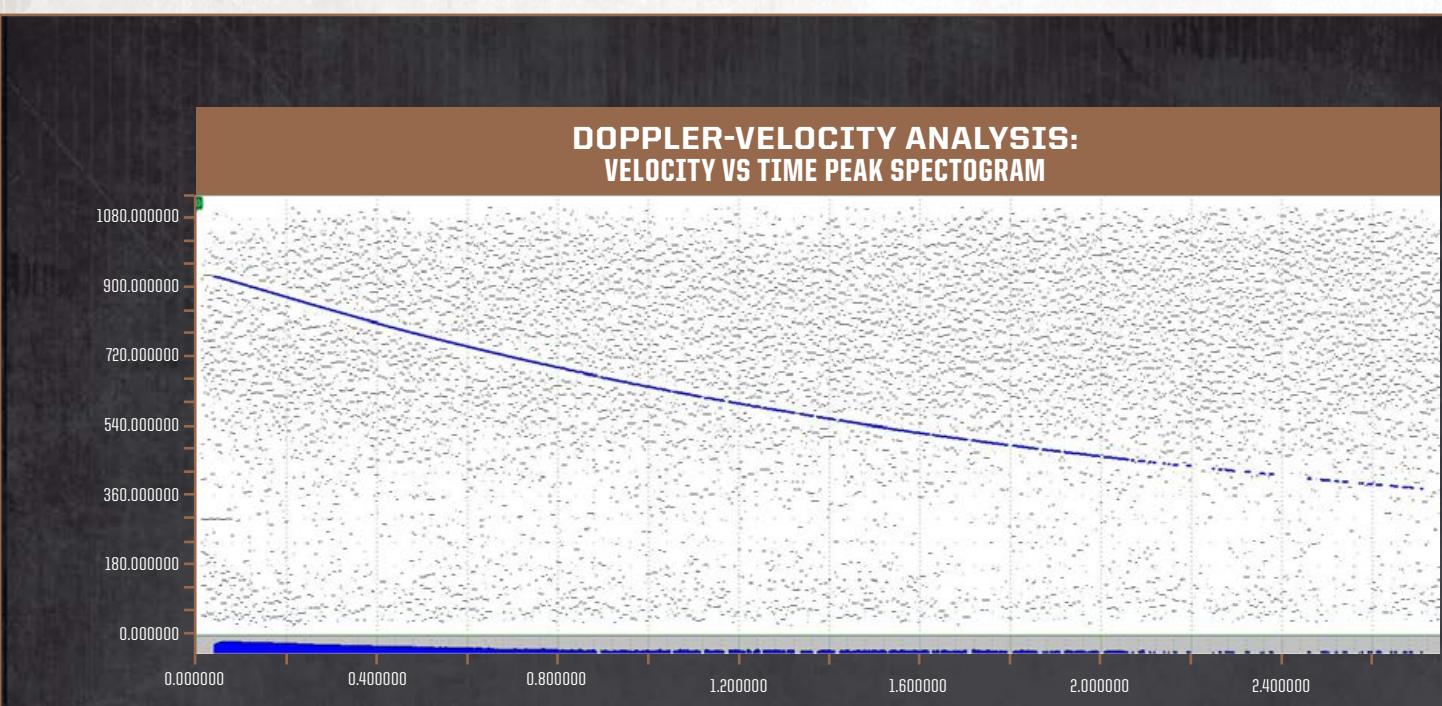
Doppler radar sends electromagnetic waves at a known frequency toward the bullet in flight. These waves reflect off the bullet, returning to the radar head where a new frequency is recorded. The change in frequency is known as the Doppler effect. From this change, the bullet's velocity and TOF are measured thousands of times,

anywhere from just in front of the muzzle to 1600+ yards downrange. Instead of measuring a single BC value, this system allows us to measure multiple drag coefficient (CD) values for the full velocity range of the flight.

The first step in post analysis to measure the CD values, is to accurately model the bullet using a 6 Degree of Freedom (DOF) software. This program accurately determines the mass properties and estimates the aerodynamic coefficients. This data is then passed into additional sophisticated software, which runs a theoretical flyout in an attempt to match the observed data. The drag curve (CD vs Mach #) is modified until the theoretical matches the observed. When the error has been minimized to a few fps, the drag curve is finalized.

From here, the BC can be calculated for a given Mach #. Barnes compares the BC value between the two test methods to determine the validity of the value. In almost every case, there is a very small error between the values and the BC value is settled upon and finalized. If not, we go back and repeat testing to ensure we're providing the most accurate data possible.

At Barnes, we take great pride in our published BC values. We're committed to providing shooters data they can trust, every time. By double checking and validating data using these two proven methods, you can be confident you're sending your best.





# BARNES AMMUNITION

## THE GOLD STANDARD FOR PERFORMANCE NOW AVAILABLE IN LEAD CORE.

It's a whole new breed of lead-core ammunition with unprecedented Barnes precision in its DNA, crafted in Utah to master a wide world of applications. Barnes Ammunition is loaded with new jacketed hollow-point lead-core bullets, premium components and the same rigorous standards for shot-to-shot consistency we've built our name on. This all-purpose ammunition is optimized for ultimate confidence on the range, small game and for personal defense. With a host of new chamberings coming soon.

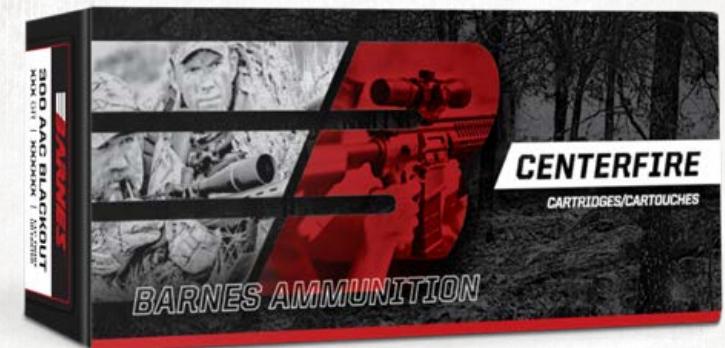
BARNES AMMUNITION.  
MULTI-PURPOSE,  
**ONE HIGH STANDARD  
OF PERFORMANCE.**

### BARNES AMMUNITION

Every round of lead-core Barnes Ammunition is carefully engineered for maximum versatility. This 55-grain jacketed hollow-point bullet delivers impressive terminal results ideal for predators, varmints and range metal, with industry-leading Barnes precision built-in. Constructed with unmatched quality control and premium components for confidence on the range, on game and for personal defense.

AVAILABLE IN .223/5.56MM AND 300 BLACKOUT. ADDITIONAL RIFLE AND HANDGUN CALIBERS COMING SOON.

SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 44.



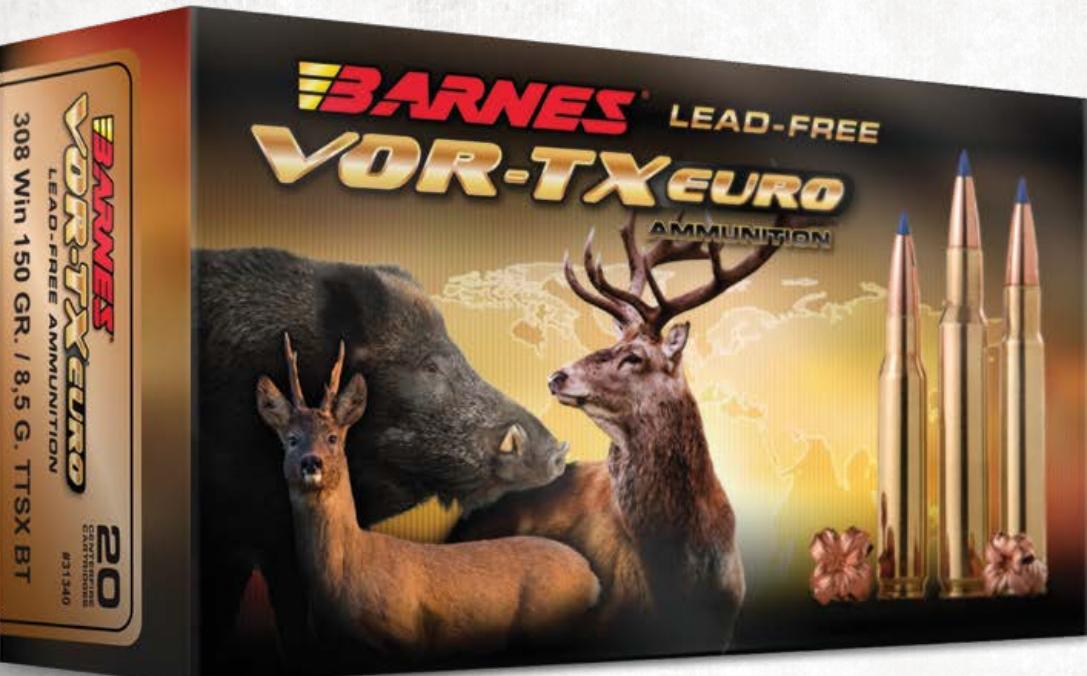


FROM THE FACTORY TO THE FIELD,  
BARNES EMPLOYEES USE WHAT THEY BUILD:  
**THE MOST ACCURATE,  
MOST EFFECTIVE HUNTING  
BULLETS ON EARTH.**



**FROM UTAH TO THE FIELDS &  
WOODS OF EUROPE WITH  
*UNMATCHED PRECISION AND  
TERMINAL PERFORMANCE.***

Barnes VOR-TX EURO delivers hand-loaded precision in a factory round super-engineered to stop European game in its tracks.



**VOR-TX EURO:**

VOR-TX EURO is precision loaded with the venerable Barnes all-copper, lead-free bullets and conforms to CIP pressure standards. This ensures safe operation and maximum ballistic potential, while offering European hunters the accuracy and terminal performance that surpasses lead-core bullets on both thin-skinned and heavy game.

SEE FULL PRODUCT AND COMPONENTS LISTING ON PAGE 39.

NOTE: VOR-TX EURO products are not available for sale in North America.

**VOR-TX LR CENTERFIRE RIFLE CARTRIDGES**

ORDER NUMBER	BULLET STYLE	WEIGHT [GR.]	CARTRIDGE	ROUNDS PER BOX	UPC BOX 716876	BOXES PER CASE	UPC CASE 716876
30830	LRX BT	127	6.5 PRC	20	65027 9	10	05027 7
30232	LRX BT	95	6mm Creedmoor	20	65129 0	10	05129 8
28986	LRX BT	127	6.5 Creedmoor	20	16512 4	10	06512 7
31198	LRX BT	129	270 Win	20	27012 5	10	07012 8
28981	LRX BT	139	7mm Remington Magnum	20	17145 3	10	07145 6
28985	LRX BT	145	7mm Remington Ultra Magnum	20	17146 0	10	07146 3
30748	LRX BT	175	30-06 Sprg	20	30617 6	10	30607 7
29013	LRX BT	190	300 Win Magnum	20	13190 7	10	03190 0
29011	LRX BT	190	300 Remington Ultra Mag	20	13019 1	10	03019 4
29061	LRX BT	250	338 Remington Ultra Magnum	20	13383 3	10	03383 6
29067	LRX BT	270	375 Remington Ultra Magnum	20	13752 7	10	03752 0

**VOR-TX CENTERFIRE RIFLE CARTRIDGES**

ORDER NUMBER	BULLET STYLE	WEIGHT [GR.]	CARTRIDGE	ROUNDS PER BOX	UPC BOX 716876	BOXES PER CASE	UPC CASE 716876
22008	TSX FB	50	22-250 Remington	20	02245 8	10	12245 5
21520	TSX FB	55	223 Remington	20	02235 9	10	12235 6
31190*	TSX BT	62	5.56 x 45mm	20	15093 9	10	15093 6
31191*	TSX BT	70	5.56 x 45mm	20	15092 2	10	15092 9
21522	TTSX BT	80	243 Win	20	02438 4	10	12438 1
21557	TTSX BT	100	25-06 Remington	20	12510 4	10	02510 7
22010	TTSX BT	120	260 Remington	20	02601 2	10	12601 9
30829	TTSX BT	115	6.5 Grendel	20	65120 7	10	05120 5
30815	TTSX BT	120	6.5 Creedmoor	20	02246 5	10	12246 2
21524	TTSX BT	130	270 Win	20	02703 3	10	12703 0
21559	TSX BT	140	270 WSM	20	12705 4	10	02705 7
21561	TTSX BT	120	7mm-08 Remington	20	12843 3	10	02843 6
21526	TTSX BT	140	7mm Remington Magnum	20	02844 3	10	12844 0
21563	TTSX BT	150	7mm Remington Magnum	20	12845 7	10	02845 0
21529	TSX BT	160	7mm Remington Magnum	20	02846 7	10	12846 4
21548	TAC-TX FB	110	300 AAC Blackout	20	13011 5	10	03011 8
30827	TAC-TX BT	120	300 AAC Blackout	20	30120 1	10	30120 8
21535	TSX FN	150	30-30 Win	20	03030 9	10	13030 6

TSX = TSX Bullet | FB = Flat Base | TTSX = Tipped TSX Bullet | BT = Boat Tail | FN = Flat Nose

\* Special Barrel Twist Requirements: 31190 requires 1:9" twist or faster, 31191 requires 1:8" twist or faster.

**VOR-TX CENTERFIRE RIFLE CARTRIDGES (CONT'D)**

ORDER NUMBER	BULLET STYLE	WEIGHT (GR.)	CARTRIDGE	ROUNDS PER BOX	UPC BOX 716876	BOXES PER CASE	UPC CASE 716876
21531	TTSX BT	150	30-06 SPRG	20	03065 1	10	13065 8
21565	TTSX BT	168	30-06 SPRG	20	13067 2	10	03067 5
21533	TTSX BT	180	30-06 SPRG	20	03068 2	10	13068 9
30816	TTSX BT	130	308 Win	20	15109 7	10	15109 4
21540	TTSX BT	150	308 Win	20	03085 9	10	13085 6
21541*	TTSX BT	168	308 Win	20	03086 6	10	13086 3
21569	TTSX BT	150	300 Win Mag	20	13005 4	10	03005 7
21537	TTSX BT	165	300 Win Mag	20	03006 4	10	13006 1
21538	TTSX BT	180	300 Win Mag	20	03008 8	10	13008 5
21567	TTSX BT	150	300 WSM	20	13015 3	10	03015 6
21536	TTSX BT	165	300 WSM	20	03016 3	10	13016 0
21571	TTSX BT	165	300 Remington Ultra Magnum	20	13026 9	10	03026 2
21539	TTSX BT	180	300 Remington Ultra Magnum	20	03028 6	10	13028 3
22013	TTSX BT	180	300 Wby Magnum	20	05001 7	10	15001 4
21581	TTSX FB	180	35 Whelen	20	03580 9	10	13580 6
30729	TTSX FB	200	35 Whelen	20	35200 5	10	25200 8
21575	TTSX BT	210	338 Win Mag	20	13381 9	10	03381 2
21542	TTSX BT	225	338 Win Mag	20	03382 9	10	13382 6
30727	LRX BT	280	338 Lapua Mag	20	38280 4	10	38280 1
21579	TSX FN	300	45-70 Govt	20	14573 7	10	04573 0
30838	TSX	250	450 Bushmaster	20	45025 1	10	05025 3

**VOR-TX SAFARI CENTERFIRE RIFLE CARTRIDGES**

ORDER NUMBER	BULLET STYLE	WEIGHT (GR.)	CARTRIDGE	ROUNDS PER BOX	UPC BOX 716876	BOXES PER CASE	UPC CASE 716876
22014	TSX FB	300	375 H&H Mag	20	13001 6	10	03001 9
22015	BND SLD	300	375 H&H Mag	20	13130 3	10	03130 6
22017	TSX FB	400	416 Remington Magnum	20	14164 7	10	04164 0
22018	BND SLD RN	400	416 Remington Magnum	20	14168 5	10	04168 8
22034	TSX FB	400	416 Rigby	50	14174 6	10	04174 9
22035	BND SLD RN	400	416 Rigby	20	14178 4	10	04178 7
22022	TSX FB	450	458 Win Mag	20	14562 1	10	04562 4
22023	BND SLD	450	458 Win	20	14566 9	10	04566 2
22027	TSX FB	500	458 Lott	20	14574 4	10	04574 7
22029	BND SLD	500	458 Lott	20	14578 2	10	04578 5
22030	TSX FB	500	470 Nitro Express	20	14704 5	10	04704 8
22031	BND SLD FN	500	470 Nitro Express	20	14708 3	10	04708 6
22032	TSX FB	570	500 Nitro Express 3"	20	15015 1	10	05015 4
22033	BND SLD FN	570	500 Nitro Express 3"	20	15017 5	10	05017 8

**VOR-TX HANDGUN CARTRIDGES**

ORDER NUMBER	BULLET STYLE	WEIGHT (GR.)	CARTRIDGE	ROUNDS PER BOX	UPC BOX 716876	BOXES PER CASE	UPC CASE 716876
32005	XPB	115	9mm Luger	20	19115 4	10	09115 7
32006	XPB	140	40 S&W	20	40140 6	10	00140 8
21543	XPB	140	357 Magnum	20	15352 7	10	05352 0
31180	XPB	155	10mm Auto	20	10155 9	10	XXXXX X
22037	XPB	180	41 Remington Magnum	20	15410 4	10	05410 7
21545*	XPB	225	44 Remington Magnum	20	15444 9	10	05444 2
32007	XPB	185	45 Auto	20	45185 2	10	05185 4
21547	XPB	200	45 Colt	20	15453 1	10	05453 4
22024	XPB	250	454 Casull	20	15454 8	10	05454 1

**VOR-TX EURO CARTRIDGES**

ORDER NUMBER	BULLET STYLE	WEIGHT (GR.)	CARTRIDGE	ROUNDS PER BOX	UPC BOX 716876	BOXES PER CASE	UPC CASE 716876
31300	TTSX	140	7 x 64 Brenneke	20	15105 9	10	05105 2
31306	TTSX	160	8 x 57 IS	20	15104 2	10	05104 5
31312	TTSX	250	9.3 x 62mm	20	15103 5	10	05103 8
31330	TTSX	150	30-06 SPRG	20	15102 8	10	05102 1
31331	TTSX	168	30-06 SPRG	20	15101 1	10	05101 4
31333	TTSX	180	30-06 SPRG	20	15100 4	10	05100 7
31340	TTSX	130	308 Win	20	15108 0	10	05108 3
31341	TTSX	150	308 Win	20	15106 6	10	05106 9
31342*	TTSX	168	308 Win	20	15107 3	10	05107 6

**TAC-XPD DEFENSE CARTRIDGES**

ORDER NUMBER	BULLET STYLE	WEIGHT (GR.)	CARTRIDGE	ROUNDS PER BOX	UPC BOX 716876	BOXES PER CASE	UPC CASE 716876
21552	TAC-XP	80	380 Auto	20	13808 1	10	23808 8
21551	TAC-XP	115	9mm Luger +P	20	13511 0	10	23511 7
21550	TAC-XP	125	357 Magnum	20	13572 1	10	23572 8
21554	TAC-XP	140	40 S&W	20	14001 5	10	24001 2
21555	TAC-XP	185	45 Auto +P	20	14501 0	10	24501 7

**VOR-TX EXPANDER SHOTSHIELDS**

ORDER NUMBER	GAUGE	SHELL LENGTH	VELOCITY	WEIGHT (OZ.)	ROUNDS PER BOX	UPC BOX 716876	BOXES PER CASE	UPC CASE 716876
20733	12	2 3/4"	1450	1	5	15111 0	20	03712 4
20737	12	3"	1550	1	5	15087 8	20	13712 1
20735	20	2 3/4"	1800	5/8	5	15087 8	20	05020 8
20739	20	3"	1850	5/8	5	15087 8	20	15020 5

**PRECISION MATCH CARTRIDGES**

ORDER NUMBER	BULLET STYLE	WEIGHT (GR.)	CARTRIDGE	ROUNDS PER BOX	UPC BOX 7

**VARMIN-A-TOR BULLETS**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30092	20 Cal	0.204"	32	Varminator HP FB	100	20432 8	10
30168	22 Cal	0.224"	40	Varminator HP FB	100	22429 6	10
30178	22 Cal	0.224"	50	Varminator HP FB	100	22442 5	10
30207	6mm	0.243"	58	Varminator HP FB	100	24329 7	10
30210	6mm	0.243"	72	Varminator HP FB	100	24339 6	10

**VARMIT GRENADE (LEAD-FREE) BULLETS**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30090	20 Cal	0.204"	26	Varmint Grenade FB	100	20426 7	10
30094	20 Cal	0.204"	26	Varmint Grenade FB	250	20456 4	10
30170	22 Hornet	0.224"	30	Varmint Grenade FB	100	22430 2	10
30184	22 Hornet	0.224"	30	Varmint Grenade FB	250	22446 3	10
30171	22 Cal	0.224"	36	Varmint Grenade FB	100	22436 4	10
30189	22 Cal	0.224"	36	Varmint Grenade FB	250	22456 2	10
30198*	223 Cal	0.224"	50	Varmint Grenade FB	100	22486 9	10
30201*	223 Cal	0.224"	50	Varmint Grenade FB	250	22496 8	10
30214*	6mm	0.243"	62	Varmint Grenade FB	100	24372 3	10
30217*	6mm	0.243"	62	Varmint Grenade FB	250	24392 1	10

**TIPPED TSX BULLETS**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30185*	22 Cal	0.224"	50	TTSX FB	50	22452 4	10
30187*	22 Cal	0.224"	55	TTSX BT	50	22453 1	10
30188*	22 Cal	0.224"	62	TTSX BT	50	22454 8	10
30208	6mm	0.243"	80	TTSX BT	50	24338 9	10
30218	25 Cal	0.257"	80	TTSX BT	50	25731 7	10
30220	25 Cal	0.257"	100	TTSX BT	50	25734 8	10
30240	6.5mm	0.264"	100	TTSX BT	50	26428 5	10
30242	6.5mm	0.264"	120	TTSX BT	50	26430 8	10
30271	270 Cal	0.277"	95	TTSX BT	50	27751 3	10
30274	270 Cal	0.277"	110	TTSX BT	50	27772 8	10
30276	270 Cal	0.277"	130	TTSX BT	50	27775 9	10
30296	7mm	0.284"	110	TTSX FB	50	28470 2	10
30298	7mm	0.284"	120	TTSX BT	50	28472 6	10
30300	7mm	0.284"	140	TTSX BT	50	28474 0	10
30303	7mm	0.284"	150	TTSX BT	50	28476 4	10
30362	30 Cal	0.308"	110	TTSX FB	50	30871 2	10
30364	30 Cal	0.308"	130	TTSX BT	50	30873 6	10
30366	30 Cal	0.308"	150	TTSX BT	50	30875 0	10
30368	30 Cal	0.308"	165	TTSX BT	50	30877 4	10
30370*	30 Cal	0.308"	168	TTSX BT	50	30878 1	10

\* Special Barrel Twist Requirements: **30370** requires 1:11" twist or faster, **30198, 30201, 30214 & 30217** requires 1:10" twist or faster, **30188** requires 1:8" twist or faster, **30187** requires 1:9" twist or faster, **30185** requires 1:12" twist or faster.

**TIPPED TSX BULLETS (CONT'D)**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30372*	30 Cal	0.308"	180	TTSX BT	50	30879 8	10
30400	8mm	0.323"	160	TTSX BT	50	32362 3	10
30424	338 Cal	0.338"	160	TTSX FB	50	33873 3	10
30426	338 Cal	0.338"	185	TTSX BT	50	33874 0	10
30428	338 Cal	0.338"	210	TTSX BT	50	33876 4	10
30430	338 Cal	0.338"	225	TTSX BT	50	33879 5	10
30459	35 Cal	0.358"	180	TTSX FB	50	35830 4	5
30461	35 Cal	0.358"	200	TTSX BT	50	35832 8	5
30475	9.3mm	0.366"	250	TTSX BT	50	36674 3	5
30484	375 Cal	0.375"	250	TTSX BT	50	37542 4	5
30519	416 Cal	0.416"	350	TTSX BT	50	41623 3	5
30996	450 Bushmaster	0.451"	250	TTSX BT	20	45026 8	5
30642	458 SOCOM	0.458"	300	TTSX BT	50	45872 1	10

**TSX BULLETS**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30176	22 Cal	0.224"	45	TSX FB	100	22441 8	10
30174	22 Cal	0.224"	50	TSX FB	100	22440 1	10
30180*	22 Cal	0.224"	53	TSX FB	100	22443 2	10
30182*	22 Cal	0.224"	55	TSX FB	100	22444 9	10
30190*	22 Cal	0.224"	62	TSX BT	100	22460 9	10
30193*	22 Cal	0.224"	70	TSX BT	100	22470 8	10
30204*	22 Valkyrie	0.224"	78	TSX BT	50	22478 4	10
30212	6mm	0.243"	85	TSX BT	100	24341 9	10
31112	35 Rem	0.358"	180	TSX FN FB	50	35380 4	10
30222	25 Cal	0.257"	100	TSX BT	50	25742 3	10
30224*	25 Cal	0.257"	115	TSX FB	50	25743 0	10
30244	6.5mm	0.264"	120	TSX BT	50	26441 4	10
31140	6.5mm	0.264"	130	TSX BT	50	26443 8	10
30254	270 Cal	0.277"	85	TSX FB	50	27732 2	10
30260	270 Cal	0.277"	110	TSX BT	50	27738 4	10
30264	270 Cal	0.277"	130	TSX BT	50	27742 1	10
30266	270 Cal	0.277"	140	TSX BT	50	27744 5	10
30269*	270 Cal	0.277"	150	TSX FB	50	27746 9	10
30289	7mm	0.284"	140	TSX BT	50	28444 3	10
30293	7mm	0.284"	150	TSX BT	50	28447 4	10
30291	7mm	0.284"	160	TSX FB	50	28446 7	10
30294*	7mm	0.284"	175	TSX FB	50	28448 1	5
30334	30-30 Win	0.308"	150	TSX FN FB	50	30820 0	10
30341	30 Cal	0.308"	110	TSX FB	50		

**TSX BULLETS (CONT'D)**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30345	30 Cal	0.308"	130	TSX BT	50	30838 5	10
30347	30 Cal	0.308"	150	TSX BT	50	30841 5	10
30349	30 Cal	0.308"	165	TSX BT	50	30843 9	10
30351	30 Cal	0.308"	168	TSX BT	50	30844 6	10
30353	30 Cal	0.308"	180	TSX BT	50	30846 0	10
30356*	30 Cal	0.308"	200	TSX FB	50	30848 4	10
30391	7.62 X 39	0.310"	123	TSX BT	50	31012 8	10
30393	303 Cal / 7.65mm	0.311"	150	TSX FB	50	31115 6	10
30396	8mm	0.323"	180	TSX BT	50	32306 7	10
30398	8mm	0.323"	200	TSX BT	50	32320 3	10
30408	338 Cal	0.338"	185	TSX BT	50	33843 6	10
30410	338 Cal	0.338"	210	TSX BT	50	33845 0	10
30412	338 Cal	0.338"	225	TSX FB	50	33846 7	10
30415	338 Cal	0.338"	250	TSX FB	50	33848 1	10
30417	338 Lapua Mag	0.338"	285	TSX BT	50	33850 4	10
30457	35 Cal	0.350"	225	TSX FB	50	35824 3	5
30469	9.3mm	0.366"	250	TSX FB	50	36625 5	10
30473	9.3mm	0.366"	286	TSX FB	50	36628 6	10
30486	375 Cal	0.375	235	TSX FB	50	37552 3	10
30489	375 Cal	0.375	270	TSX FB	50	37556 1	10
30491	375 Cal	0.375	300	TSX FB	50	37558 5	10
30494	375 Cal	0.375	350	TSX FB	50	37560 8	10
30514	450-400 Cal	0.410	400	TSX FB	50	41085 9	10
30516	405 Win	0.411	300	TSX FB	50	41130 6	10
30527	416 Cal	0.416	300	TSX FB	50	41683 7	10
30529	416 Cal	0.416	350	TSX FB	50	41686 8	5
30532	416 Cal	0.416	400	TSX FB	50	41689 9	5
30537	404 Jeffery	0.422	400	TSX FB	50	42340 8	10
30628	450 Bushmaster	0.451	275	TSX FB	20	45027 5	10
30615	458 Cal	0.458	300	TSX FB	50	45814 1	10
30617	458 Cal	0.458	350	TSX FB	50	45816 5	10
30619	458 Cal	0.458	450	TSX FB	50	45819 6	5
30622	458 Cal	0.458	500	TSX FB	50	45821 9	5
30629	45-70 GOVT	0.458	250	TSX FN FB	50	45841 7	10
30630	45-70 GOVT	0.458	300	TSX FN FB	50	45843 1	10
30647	470 Nitro Exp	0.474	500	TSX FB	50	47452 3	10
30688	505 Gibbs	0.505	525	TSX FB	50	50553 1	10
30692	500 Nitro Exp 3"	0.509	570	TSX FB	50	50958 4	10
30700	50 BMG	0.510	647	TSX FB	50	51062 7	10
30712	577 Nitro Exp	0.583	750	TSX FB	50	58472 7	10

FB = Flat Base | BT = Boat Tail | FN = Flat Nose

\* Special Barrel Twist Requirements: 30356 requires 1:10" twist or faster.

**XPB PISTOL BULLETS**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30453	357 Mag	0.357"	140	XPB	20	35714 7	10
30512	41 Remington Mag	0.41"	180	XPB	20	41018 7	10
30541	44 Remington Mag	0.429"	200	XPB	20	42920 2	10
30543	44 Remington Mag	0.429"	225	XPB	20	42922 6	10
30556	45 Colt	0.451"	200	XPB	20	45116 6	10
30558	45 Colt	0.451"	225	XPB	20	45120 3	10
30562	454 Casull	0.451"	200	XPB	20	45115 9	10
30554	460 S&W Mag	0.451"	250	XPB	20	45123 4	5
30548	460 S&W Mag	0.451"	275	XPB	20	45105 0	10
30659	480 Ruger	0.475"	275	XPB	20	48010 4	10
30663	500 S&W Mag	0.500"	275	XPB	20	50025 3	10
30665	500 S&W Mag	0.500"	325	XPB	20	50026 0	5
30667	500 S&W Mag	0.500"	375	XPB	20	50028 4	5

**BANDED SOLID BULLETS**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30785	375 CAL	0.375"	300	BND SLD RN	50	37525 7	10
30787	375 CAL	0.375"	350	BND SLD RN	50	37527 1	10
30791	458 CAL	0.458"	450	BND SLD RN	20	45840 8	10
30792	458 CAL	0.458"	500	BND SLD RN	20	45855 4	10
30466	9.3mm	0.366"	250	BND SLD RN	50	36611 8	10
30467	9.3mm	0.366"	286	BND SLD RN	50	36612 5	10
30520	416 Cal	0.416"	350	BND SLD RN	50	41628 8	10
30526	416 Cal	0.416"	400	BND SLD RN	50	41660 8	10
30536	404 Jeffery	0.422"	400	BND SLD RN	50	42330 9	10
30649	470 Nitro Exp	0.474"	500	BND SLD FN	20	47455 4	10
30685	505 Gibbs	0.504"	525	BND SLD RN	20	50505 0	10
30690	500 Nitro Exp 3"	0.509"	570	BND SLD FN	20	50950 8	10
30694	500 Jeffery	0.510"	535	BND SLD RN	20	51003 0	10
30703	50 BMG	0.510"	750	BND SLD Bore Rider	20	51075 7	10
30707	50 BMG	0.510"	800	BND SLD Bore Rider	20	51080 1	10
30713	577 Nitro Exp	0.583"	750	BND SLD FN	20	58525 0	10
30714	600 Nitro Exp	0.618"	900	BND SLD FN	20	62025 8	10

**ORIGINAL BULLETS**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30360	30-30 Win	0.308"	190	Original FN FB	50	30301 4	10
30437	348 Win	0.348"	220	Original FN FB	50	34805 3	10
30438	348 Win	0.348"	250	Original FN FB	50	34810 7	10
30496	375 Win	0.375"	255	Original FN FB	50	37520 2	10
30497	38-55 Win	0.375"	255	Original FN FB	50	38551 5	10
30498	38-55 Win	0.377"	255	Original FN FB	50	38552 2	10
30611	45-70 GOVT	0.458"	300	Original Semi-Spitzer FB	50	45701 4	10

**ORIGINAL BULLETS (CONT'D)**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30612	45-70 GOVT	0.458"	300	Original FN FB	50	45702 1	10
30613	45-70 GOVT	0.458"	400	Original Semi-Spitzer FB	50	45703 8	10
30614	45-70 GOVT	0.458"	400	Original FN FB	50	45704 5	10
30682	50-110 Win	0.510"	300	Original FN FB	20	50111 3	10
30683	50-110 Win	0.510"	450	Original FN FB	20	50112 0	10

**BUSTER BULLETS**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30545	44 Remington MAG	0.429"	300	Buster FN FB	50	42982 0	10
30572	454 Casull	0.451"	325	Buster FN FB	50	45135 7	10
30644	45-70 GOVT	0.458"	400	Buster FN FB	50	45884 4	10
30672	500 S&W Mag	0.500"	400	Buster FN FB	50	50040 6	10

**MUZZLELOADER BULLETS**

ORDER NUMBER	CALIBER	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET STYLE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30506	45 Cal	0.400"	195	Expander MZ FB	15	40016 4	10
30509	45 Cal	0.400"	195	Expander MZ FB	24	40052 2	10
30564	50 Cal	0.451"	250	Expander MZ FB	15	45126 5	10
30577	50 Cal	0.451"	250	Expander MZ FB	24	45152 4	10
30589	50 Cal	0.451"	250	TMZ BT	15	45172 2	10
30598	50 Cal	0.451"	250	TMZ BT	24	45180 7	10
30587	50 Cal	0.451"	250	T-EZ FB	15	45171 5	10
30601	50 Cal	0.451"	250	T-EZ FB	24	45182 1	10
30594	50 Cal	0.451"	290	TMZ BT	15	45175 3	10
30604	50 Cal	0.451"	290	TMZ BT	24	45190 6	10
30592	50 Cal	0.451"	290	T-EZ FB	15	45174 6	10
30607	50 Cal	0.451"	290	T-EZ FB	24	45192 0	10
32014	50 Cal	0.451"	250	Magnum MZ FB	24	45125 8	10
30569	50 Cal	0.451"	300	Expander MZ FB	15	45131 9	10
30583	50 Cal	0.451"	300	Expander MZ FB	24	45162 3	10
30674	54 Cal	0.500"	275	Expander MZ FB	15	50041 3	10
30679	54 Cal	0.500"	275	Expander MZ FB	24	50052 9	10
30676	54 Cal	0.500"	325	Expander MZ FB	15	50045 1	10
30680	54 Cal	0.500"	325	Expander MZ FB	24	50054 3	10

FN = Flat Nose | FB = Flat Base

**BARNES AMMUNITION (JHP CFR)**

ORDER NUMBER	BULLET STYLE	WEIGHT (GR.)	CARTRIDGE	ROUNDS PER BOX	UPC BOX 716876	BOXES PER CASE	UPC CASE 716876
32002	JHP BT	55	223 Remington	20	22300 8	10	02300 4
32003	JHP BT	69	223 Remington	20	22301 5	10	02301 1
32004	JHP FB	120	300 AAC Blackout	20	12030 7	10	02030 0

**TAC-TX BULLETS**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30321	300 AAC Blackout	0.308"	110	TAC-TX FB	50	30811 8	10
30320	300 AAC Blackout	0.308"	120	TAC-TX BT	50	30812 5	10
31142	6.5mm	0.264"	115	TAC-TX BT	50	26409 4	10

**TAC-XP PISTOL BULLETS**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30440	380 Auto	0.355"	80	TAC-XP FB	40	35500 6	10
30444	9mm Luger	0.355"	95	TAC-XP FB	40	35502 0	10
30442	9mm Luger	0.355"	115	TAC-XP FB	40	35501 3	10
30446	357 Sig	0.355"	125	TAC-XP FB	40	35503 7	10
30449	38 Spl	0.357"	110	TAC-XP FB	40	35703 1	10
30451	357 Mag	0.357"	125	TAC-XP FB	40	35713 0	10
30500	10mm Auto/40 S&W	0.400"	125	TAC-XP FB	40	40003 4	10
30502	10mm Auto/40 S&W	0.400"	140	TAC-XP FB	40	40005 8	10
30504	10mm Auto	0.400"	155	TAC-XP FB	40	40006 5	10
30539	44 S&W Spl	0.429"	200	TAC-XP FB	40	42912 7	10
30550	45 Auto	0.451"	160	TAC-XP FB	40	45106 7	10
30552	45 Auto	0.451"	185	TAC-XP FB	40	45108 1	10

**BARNES DEFENSE BUCKSHOT**

ORDER NUMBER	GAUGE	SHELL LENGTH	SHOT (OZ.)	SHOT SIZE	VELOCITY	ROUNDS PER BOX	UPC BOX 716876	BOXES PER CASE	UPC CASE 716876
32009	12	2%	9	00 BK	1325	5	12900 3	20	12901 0
32010	12	2%	8	00 BK	1200	5	12800 6	20	12801 3
32011	12	3"	15	00 BK	1225	5	12150 2	20	12151 9
32012	12	2%	21	4 BK	1200	5	12210 3	20	12211 0
32013	20	2%	17	3 BK	1140	5	12170 9	20	20171 6

**LRX (LONG-RANGE X) BULLETS**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30479	25 Cal	0.257"	101	LRX BT	50	25711 9	10
30311*	30 Cal	0.308"	208	LRX BT	50	30209 3	10
30881*	22 Cal	0.224"	77	LRX BT	50	22477 7	10
30							

**MATCH BURNER BULLETS**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30160	22 Cal	0.224"	52	Match Burner OTM FB	100	22413 5	10
30162*	22 Cal	0.224"	69	Match Burner OTM BT	100	22415 9	10
30164*	22 Cal	0.224"	85	Match Burner OTM BT	100	22417 3	10
30205	6mm	0.243"	68	Match Burner OTM FB	100	24313 6	10
30206*	6mm	0.243"	105	Match Burner OTM BT	100	24316 7	10
30864*	6mm	0.243"	112	Match Burner OTM BT	100	24311 2	10
30234	6.5mm	0.243"	120	Match Burner OTM BT	100	26401 8	10
30230	6.5mm	0.264"	140	Match Burner OTM BT	100	26404 9	10
30100*	6.5mm	0.264"	145	Match Burner OTM BT	100	26407 0	10
30285	7mm	0.284"	171	Match Burner OTM BT	100	28414 6	10
30381	30 Cal	0.308"	155	Match Burner OTM BT	100	30892 7	10
30385	30 Cal	0.308"	175	Match Burner OTM BT	100	30896 5	10

**MATCH BURNERS BULK PACKS**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
31120*	6mm	0.243"	105	Match Burner BT	500	22413 5	2
31122*	6mm	0.243"	112	Match Burner BT	500	22415 9	2
31144	6.5mm	0.264"	140	Match Burner BT	500	22417 3	2
30102*	6.5mm	0.264"	145	Match Burner BT	500	26408 7	2

**MPG BULLETS (MULTI-PURPOSE GREEN, LEAD-FREE)**

ORDER NUMBER	BULLET DESCRIPTION	NOMINAL BULLET DIA.	WEIGHT (GR.)	BULLET TYPE	BULLETS PER BOX	UPC BOX 716876	BOXES PER CASE
30195*	223 Cal / 5.56mm	0.224"	55	MPG FB	100	22476 0	10
30249	6.8mm	0.277"	85	MPG FB	100	27701 8	10
30331	30 Cal	0.308"	150	MPG FB	50	30817 0	10
30388	7.62 X 39mm	0.310"	108	MPG FB	50	31008 1	10


**ACCESSORIES**
**BORE CLEANER**

ORDER NUMBER	DESCRIPTION	UPC BOX 716876	BOXES PER CASE
30756	CR-10 Bore Cleaner 2 Oz Bottle	00210 8	10
30755	CR-10 Bore Cleaner 8 Oz Bottle	00810 0	10

**MUZZLELOADER TOOLS**

ORDER NUMBER	DESCRIPTION	UPC BOX 716876	BOXES PER CASE
30547	45 CAL MZ Aligner Tool	04500 6	10
30661	50 CAL MZ Aligner Tool	05000 0	10
30678	50 CAL SPTF Aligner Tool	05005 5	10
30763	50 CAL TMZ & T-EZ Aligner Tool	05007 9	10
30708	54 CAL MZ Aligner Tool	05400 8	10

**CENTERFIRE RIFLE BALLISTICS**

CARTRIDGE	ORDER NUMBER	WT. (GR)	BULLET STYLE	SIGHT HEIGHT (INCHES)	ZERO (YARDS)	VELOCITY (FPS)			ENERGY (FT-LB)			TRAJECTORY (INCHES)			BALLISTIC COEFFICIENT			
						MZL	100	200	300	MZL	100	200	300	MZL				
223 Remington	21520	55	TSX FB	15	200	3240	2774	2353	1970	1282	940	676	474	-15	15	0.0	-7.9	0.209
	32017	55	MATCH BURNER OTM BT	15	100	3240	2820	2436	2084	1282	971	725	531	-15	0.0	-2.9	-11.7	0.233
	32002	55	MATCH BURNER OTM BT	15	200	3240	2820	2436	2084	1282	971	725	531	-15	15	0.0	-7.4	0.233
	32018	77	MATCH BURNER OTM BT	15	100	2680	2428	2190	1966	1228	1008	820	591	-15	0.0	-4.4	-16.1	0.349
5.56 x 45mm	31190	62	TSX BT	2.5	200	3000	2674	2370	2086	1239	984	773	599	-2.5	12	0.0	-7.4	0.287
	30846	69	MATCH BURNER OTM BT	2.0	100	2900	2621	2359	2111	-	-	-	-	-2.0	0.0	-3.1	-12.4	0.330
	31191	70	TSX BT	2.5	200	2850	2568	2303	2054	1263	1026	825	656	-2.5	14	0.0	-8.0	0.323
	30848	85	MATCH BURNER OTM BT	2.0	100	2600	2385	2180	1986	-	-	-	-	-2.0	0.0	-4.1	-15.6	0.403
22-250 Remington	22008	50	TSX FB	15	200	3830	3267	2771	2326	1629	1185	853	601	-15	0.9	0.0	-5.5	0.197
6mm Creedmoor	30830	95	LRX BT	15	200	3150	2925	2711	2607	2094	1805	1551	1326	-15	13	0.0	-6.0	0.436
30814	112	MATCH BURNER OTM BT	2.0	100	2960	2808	2662	2520	-	-	-	-	-2.0	0.0	-2.4	-9.7	0.624	
243 Win	21522	80	TTSX BT	1.5	200	3350	3042	2755	2486	1994	1644	1349	1098	-15	11	0.0	-5.7	0.331
25-06 Remington	21557	100	TTSX BT	1.5	200	3225	2947	2686	2439	2310	1929	1602	1322	-15	13	0.0	-6.1	0.357
30815	120	TTSX BT	1.5	200	2910	2685	2470	2266	2257	1921	1626	1368	-15	1.7	0.0	-7.4	0.412	
6.5 Creedmoor	28986	127	LRX BT	1.5	200	2825	2630	2443	2263	2251	1951	1683	1445	-15	1.8	0.0	-7.6	0.468
30166	140	MATCH BURNER OTM BT	2.0	100	2700	2548	2400	2258	-	-	-	-	-2.0	0.0	-3.4	-12.8	0.586	
30166	115	TAC-TX BT	1.5	200	2590	2367	2155	1954	1713	1431	1186	975	-15	24	0.0	-9.9	0.387	
6.5 Grendel	30829	115	TAC-TX BT	1.5	200	2590	2367	2155	1954	1713	1431	1186	975	-15	24	0.0	-9.9	0.387
30831	120	MATCH BURNER OTM BT	2.0	100	2590	2401	2221	2048	-	-	-	-	-2.0	0.0	-4.0	-15.1	0.460	
22010	120	TTSX BT	1.5	200	2950	2723	2506	2300	2319	1976	1674	1410	-15	16	0.0	-7.1	0.412	
30742	140	MATCH BURNER OTM BT	2.0	100	2735	2581	2433	2290	-	-	-	-	-2.0	0.0	-1.5	-12.3	0.586	
31198	139	LRX BT	1.5	200	3140	2928	2726	2533	2825	2457	2130	1839	-15	0.0	1.3	-6.0	0.463	
21524	130	TTSX BT	1.5	200	3060	2815	2584	2364	2704	2289	1928	1613	-15	15	0.0	-6.7	0.392	
21559	140	TTSX BT	1.5	200	3135	2893	2665	2447	3056	2603	2208	1862	-15	13	0.0	-6.2	0.404	
280 Remington	22011	140	TTSX BT	1.5	200	2985	2756	2538	2331	2771	2362	2003	1889	-15	15	0.0	-7.0	0.412
7mm-08 Remington	21561	120	TTSX BT	1.5	200	3005	2751	2512	2284	2407	2018	1682	1391	-15	16	0.0	-7.1	0.373
7mm Remington Magnum	28981	139	LRX BT	1.5	200	3210	2998	2796	2603	3181	2775	2413	2091	-15	12	0.0	-5.6	0.470
21526	140	TTSX BT	1.5	200	3100	2885	2642	2429	2988	2552	2170	1835	-15	14	0.0	-6.4	0.412	
21563	150	TTSX BT	1.5	200	3060	2846	2642	2448	3120	2699	2326	1998	-15	14	0.0	-6.4	0.450	
7mm Remington Ultra Mag	21529	160	TSX BT	1.5	200	2950	2738	2536	2343	3093	2664	2286	1951	-15	16	0.0	-7.0	0.443
28985	145	LRX BT	1.5	200	3350	3138	2936	2743	3613	3170	2775	2422	-15	10	0.0	-5.1	0.486	
21548	110	TAC-TX FB	2.5	100	2350	2070	1810	1574	1349	1046	800	606	-2.5	0.0	-5.7	-22.0	0.289	
300 AAC Blackout	32004	120	JHP FB	2.5	100	2100	1845	1611	1406	1175	907	692	527	-2.5	0.0	-7.8	-29.0	0.297
30827	120	TAC-TX BT	2.5	100	2100	1887	1688	1507	1175	949	760	605	-2.5	0.0	-2.3	-26.9	0.358	
30737	125	MATCH BURNER OTM	2.5	100	2215	1977	1755	1552	-	-	-	-	-2.5	0.0	-6.4	-24.2	0.330	
30-30 Win	21535	150	TSX FN	0.9	100	2335	1905	1532	1237	1816	1209	782	510	-0.9	0.0	-8.8	-32.7	0.184
21531	150	TTSX BT	1.5	200	3000	2784	2579	2382	2998	2583	2216	1891	-15	15	0.0	-6.7	0.440	
30-06 Sprg	21565	168	TTSX BT	1.5	200	2850	2654	2467	2288	3031	2629	2271	1953	-15	17	0.0	-7.4	0.470
30748	175	LRX BT	1.5	200	2800	2621	2449	2283	3047	2670	2330	2026	-15	18	0.0	-7.6	0.508	
21533	180	TTSX BT	1.5	200	2750	2584	2386	2215	3023	2629	2276	1961	-15	19	0.0	-8.0	0.484	
300 Win Mag	21569	150	TTSX BT	1.5	200	3285	3044	2816	2600	3595	3087	2643	2252	-15	11	0.0	-5.5	0.420
21537	165	TTSX BT	1.5	200	3120	2899	2690	2489	3567	3081	2651	2271	-15	13	0.0			

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