

Nosler[®]

2019 CATALOG

AMMUNITION

BRASS

BULLETS

RIFLES

2019 PRESIDENT'S MESSAGE

Thank you

A good friend of our family often speaks of his business in terms of phases. He refers to the last several decades since their company's beginning as just the "first", and we would like to think the 70 years between 1948 and 2018 were our "first". We are already looking forward to the future, but want to take a moment and thank you, our extremely loyal customers, for getting us here. It hasn't been an easy path these first 70 years. We've had lots of ups and downs, lots of growth, lots of demand and oftentimes frustrated customers constantly waiting for our product to show up at their local retailer. You are extremely loyal customers and we want you to know, it doesn't go unnoticed or get taken for granted.

I was fortunate enough to grow up in this industry at a time when it was still a business based on relationships. Companies were family owned, everyone knew each other, we treated people with respect, and a handshake was gold. Unfortunately, those times have changed. Many of the companies in our

industry are owned by large corporations, and we need lawyers and contracts to get anything agreed upon. People tend to be cutthroat rather than help each other, and companies take shortcuts on the premise of making a quick dollar. Sometimes I wonder if the customer is even thought of or considered.

Fortunately, we haven't changed. We are still an American-owned, Veteran-owned, family-owned company. Here, we believe in "Quality First". That motto is on our factory wall- it has been there since my Grandfather's time, throughout my Father's time as President and it will be during my tenure.

We will never change our commitment to our core values. Nosler preaches our core values and we make sure before someone joins our team that they have the same principles.

Quality **FIRST**

Nosler

Faith, Family, Honesty, Integrity, Quality.

I don't know of many companies that spend large amounts of time in management meetings discussing quality. We do, and we take great pride in having uncomfortable conversations with ourselves. We go so far as to devote entire meetings to reviewing our products. We open boxes like we are the customer and gauge our reactions and expectations. We cringe when anyone says, "it's good enough". It will always be easy to skimp on quality, but we at Nosler won't- it's not in our DNA.

In addition to quality, we also pride ourselves on innovation. We are constantly looking for ways to develop better products. Some ideas take years to come to fruition, and some never see the light of day. The new

products that we have developed and introduced in this catalog are 100% stamped by our brand and our people. We are proud of our lineup, and hope you continue to trust us with your business.

Thank you for being along for the ride with us through our "first" 70 years. We are honored by your trust, loyalty, and support. Here's to the next 70 years.



John R. Nosler
President
Nosler, Inc.

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OUR PROMISE

For us, excellence is not negotiable. We'll never sacrifice quality for cost.

We don't cater to every trend and we aren't everything to everyone.

We know who we are and being true to yourself allows you to become the best at what you do. For us, that's building the most innovative, most accurate—and most effective—bullets and ammunition in the industry.
By a longshot.

Our products lead the pack, because they're built with equal parts ingenuity and integrity, passion and precision, consistency and confidence.

The truth is, we owe it to you. Trophies, victories, lives—there's too much at stake for second thoughts or second chances. You won't settle, and neither will we.

THREE GENERATIONS OF PASSION

For our founder's grandson, John R. Nosler, the journey to President of the family business didn't start in some fancy corner office. It started with a push broom after he busted out the window of his old pickup at 16-years-old. His dad (photo, left) gave him no choice but to pay for the repair by working that summer cleaning the Nosler factory. John worked every summer to follow throughout high school and college in various manufacturing positions. In fact, most don't know that he's worked every single position on the Nosler factory floor. After college graduation, John started with the company

full-time, working his way up from answering phones and making sales calls, to playing a larger role in managing Nosler's day-to-day business. This year, we congratulate John on his hard-earned promotion to company President, a position both his father and grandfather have held before him. John finally has that fancy corner office, but most days you'll find him right where he started— out on the factory floor with the production team responsible for making the best shooting products in the world. Congratulations, John!

HISTORY

- 2018: Nosler® Model 48 Custom Handgun was introduced
- 2018: Nosler® Model 48 Long Range Carbon Rifle was introduced
- 2018: Nosler's Match Grade Ammunition in 22 Nosler receives American Hunter's Golden Bullseye Award for "Ammunition of the Year"
- 2018: John R. Nosler promoted to President of Nosler
- 2018: 70th Anniversary of Nosler Inc.
- 2017: 22 Nosler® introduced
- 2017: E-Tip Ammunition introduced
- 2017: M48 Long-Range and M48 Western rifles introduced
- 2016: Bob and Joan Nosler Receive NRA Corporate Executive of the Year Award
- 2016: 33 Nosler® introduced
- 2016: RDF Bullets® introduced
- 2015: 30 Nosler® introduced
- 2015: Reloading Guide #8 was released
- 2015: Nosler purchases land and completes construction of additional facility in Redmond, OR.
- 2015: Nosler® receives Gun Digest Gear Of The Year Award for "28 Nosler"
- 2015: 28 Nosler® introduced
- 2015: The 26 Nosler commercial "Flat Out. Lights Out." receives the Golden Moose Award for "Best Commercial" at the Outdoor Channel's 15th Annual Golden Moose Awards in Las Vegas
- 2015: Nosler's Trophy Grade Ammunition in 26 Nosler receives the 2015 American Hunter Golden Bullseye Award for "Ammunition of the Year"
- 2015: Nosler® adds SSA ammo and brass as a new dedicated product line
- 2014: Nosler® receives the 2014 Editor's Choice Award for "Best New Rifle" from Outdoor Life Magazine
- 2014: M48 Patriot™ and Heritage™ rifles introduced
- 2014: Noveske Signature Ammunition introduced
- 2014: BT® Ammo Introduced



- 2014: 26 Nosler® cartridge is introduced
- 2013: AccuBond® Long Range was introduced
- 2013: Nosler® Defense Ammunition was introduced
- 2013: Nosler® Match Grade™ Handgun Ammunition was introduced
- 2012: Reloading Guide #7 was released
- 2012: Nosler® Varmageddon™ AR Rifle was introduced
- 2012: Nosler® Model 48 Professional Rifle was introduced
- 2012: Bob Nosler elected to the NRA Board of Directors
- 2011: Nosler gains ISO 9001:2008 certification
- 2011: Nosler Safari™ Ammunition was introduced
- 2011: The Varmageddon® bullet and Ammunition were introduced
- 2011: The Nosler Trophy Grade™ Rifle receives the 2011 American Rifleman Golden Bullseye Award "Rifle of the Year"
- 2010: John A. Nosler (Founder) passes away 10/10/10
- 2010: Nosler® & Benjamin® introduce the Ballistic Tip® eXTREME Air Rifle bullet
- 2010: Model 48 Sporter wins the Gray's Best Award™ from Gray's Sporting Journal
- 2010: Trophy Grade™ Lead Free Varmint Ammunition named Best of the Best by Field and Stream
- 2010: Trophy Grade™ Rifle named Best of the Best by Field and Stream
- 2010: The Trophy Grade™ Rifle was introduced
- 2009: The Ballistic Tip Lead Free™ bullet was introduced
- 2009: NoslerCustom® Model 48 Varmint Rifle was released
- 2009: Trophy Grade™ Ammunition was introduced
- 2009: NoslerCustom® 338 Win Mag -NCR Series 3
- 2008: The Nosler Solid™ bullet was introduced
- 2007: The E-Tip® Lead Free bullet was introduced

- 2007: Model 48 Rifles named Best of the Best by Field and Stream
- 2007: Reloading Guide #6 was released
- 2007: John A. Nosler was awarded the inaugural Golden Bullseye Pioneer Award from the NRA for his innovation and development in bullet design and ballistics worldwide.
- 2007: NoslerCustom® 280 Ackley-NCR Series 2
- 2005: NoslerCustom® 300 WSM-NCR Series 1
- 2005: NoslerCustom® Brass introduced
- 2004: NoslerCustom® Handloaded Ammunition introduced
- 2004: The NoslerCustom® brand was introduced
- 2003: The Custom Competition™ bullet was introduced
- 2003: The AccuBond® bullet was introduced
- 2002: Reloading Guide #5 was released
- 1997: Nosler® & Winchester® formed the Combined Technology® strategic alliance
- 1996: Reloading Guide #4 was released
- 1990: Nosler® Bullets, Inc. became Nosler®, Inc.
- 1989: Reloading Guide #3 was released
- 1988: Bob Nosler buys back majority ownership from Leupold & Stevens - company is now 100% family owned.
- 1984: The Ballistic Tip® bullet was introduced
- 1982: Nosler® Bullets, Inc. moved to its current location
- 1981: Reloading Guide #2 was introduced
- 1976: Reloading Guide #1 was introduced
- 1974: Federal Cartridge Company commercially loaded Nosler® bullets for the first time
- 1972: The Solid Base® bullet was introduced
- 1970: Impact extrusion manufacturing implemented for the Partition® bullet
- 1969: The Nosler Partition Bullet Co. became Nosler® Bullets, Inc.

- 1965: The Zippedo® bullet was introduced, using impact extrusion to manufacture bullet jackets
- 1963: Norma became Nosler's first commercial loader
- 1958: The Nosler Partition Bullet Co. moved from Ashland, Oregon to a 6,000 sq. ft. building in Bend, Oregon
- 1948: The Nosler Partition Bullet Company was founded in Ashland, Oregon by John A. Nosler
- 1947: The first test of the Partition® bullet
- 1946: The hunt that inspired John Nosler to create the Partition® bullet

2019 NEW PRODUCTS

2019 will bring with it additions to our most popular lines of bullets, brass, and ammunition. Also new for Nosler is our first ever handgun, the Model 48 Nosler Custom Handgun (NCH). What started as a vision of our R&D department has turned into a very functional, extremely accurate firearm that is worthy in every respect of the Nosler name.

Varminters and 6.5mm fans will be excited to see our new 6.5 mm 90gr. Varmageddon varmint bullet. With a sleek ogive and thin jacket, this new bullet will turn America's hottest cartridges into fast, flat-shooting, and deadly varmint rounds. 2019 will also see the 6.5 Grendel added to Nosler loaded ammunition in the Trophy Grade®, Match Grade™, and Varmageddon® ammunition lines.

We are expanding our handgun offerings by adding loaded ammunition for the popular and powerful 10mm. Loaded with the accurate, deep penetrating 180gr Sporting Handgun bullet, our Match Grade ammunition is suitable for targets, defense, and hunting.

Following up on the popularity of the 338 265gr AccuBond® Long-Range this year we are adding an even more ballistically efficient 300gr 338 to the ABLR line for those who really need to reach out at long range with both energy and authority.

New 2019 offerings in both prepped and bulk Brass will include the 6mm Creedmoor and the 24 Nosler. While not supported elsewhere in our lines, brass for the 24 Nosler makes it possible for die-hard Nosler cartridge fans to load their own as well as providing a new case for wildcatters to experiment with.

RDF bullet fans will be pleased to see 3 additional new offerings added to this exciting line of high-BC match bullets. For 2019 we will be adding a 22 cal. 77gr, and 30 cal. 168 gr. and the biggest of them all-- a 338 cal. 300gr. RDF.

No matter what type of shooting you enjoy or what type of game you pursue, Nosler's lineup of new products for 2019 is sure to make your time on the range or in the field more enjoyable and rewarding than ever.

MODEL 48 MOUNTAIN CARBON™

Nosler



WORTH THE WEIGHT.

A rifle that spends more time on your shoulder than at your shoulder better be light. So if you've been searching for an ultralight rifle, but aren't willing to sacrifice accuracy, or 10 grand to get it, we've got you covered. The M48 Mountain Carbon Ultra Lightweight. Sub-MOA accuracy. Just six pounds. Your wait is over.

Available in standard and Nosler Calibers.



MATCH GRADE AMMUNITION

6mm Creedmoor 105gr RDF	60135
260 Rem 130gr RDF	60138
6.5 Grendel 123gr CC	44501
28 Nosler 185gr RDF	60141
10mm-180gr JHP	51400
10mm-180gr JHP	51412
9mm-147gr CC	51290
9mm-147gr CC	51325



E-TIP AMMUNITION

7.62x39-123gr	40040
375 H&H 260gr	40395



VARMAGEDDON AMMUNITION

6mm Creedmoor 70gr VG	65170
6.5 Creedmoor 90gr VG	65175
6.5 Grendel 90gr VG	65182



TROPHY GRADE AMMUNITION

6mm Creedmoor 90gr AB	60142
6.5 Grendel 129gr ABLR	60146
6.5 Creedmoor 142gr ABLR	60105
280 AI 160gr AB	60076
416 Rem 400gr PT	60156



BALLISTIC TIP AMMUNITION

6mm Creedmoor 95gr BT	40052
25-06 115gr BT	40071
270 Win 130gr BT	40062
280 Rem 140gr BT	40073
7mm Rem 150gr BT	40045
7.62x39 123gr BT	40069
30-06 165gr BT	40043
300 Win Mag 180gr BT	40053



RDF BULLETS

22-77	100ct	53452
22-77	500ct	54612
30-168	100ct	53182
338-300	100ct	53445



BT BULLETS

7.62x39-123gr BT	30131
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ABLР BULLETS

338-300gr 100ct	58518
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ACCUBOND BULLETS

270-150gr	50ct	54801
7mm-150gr	50ct	54951



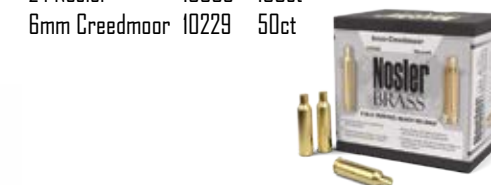
E-TIP BULLETS

7.62x39-123gr	50ct	59387
338-250gr	50ct	59385
375-260gr	50ct	59379



NOSLER BRASS OFFERINGS

24 Nosler	10085	100ct
6mm Creedmoor	10229	50ct



VARMAGEDDON BULLETS

6.5mm-90gr	100ct	26129
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CUSTOM COMPETITION

6.5mm-100gr	100ct	53427
6.5mm-100gr	250ct	53430
6.5mm-100gr	1000ct	53744



NOSLER BULK BRASS OFFERINGS

24 Nosler	10077	250ct
6mm Creedmoor	10192	100ct
7.62x39	10193	100ct
260 Rem	11355	100ct



NEW PRODUCTS

NEW PRODUCTS



Nosler

FASTAR FLATTAR FARTHAR



22 Nosler is the newest and most diminutive member of the Nosler cartridge family. While it does not share the same parent cartridge as its predecessors, it does possess the same spirit in fulfilling an important role. The 22 Nosler was born from the idea of creating the most powerful .22 caliber centerfire cartridge that would reliably function in the AR platform. Compared to the 223 Remington/5.56 NATO, the 22 Nosler has 20% more case capacity making it roughly 300 fps faster at the muzzle for maximized performance. How hard is it to retrofit an existing AR-15 chambered in 223 Rem/5.56 NATO into a 22 Nosler? Switch to a 6.8 Remington SPC magazine along with a simple 22 Nosler barrel swap and the transformation is complete.

AVAILABLE FROM THESE MANUFACTURERS

22 Uppers

AR-Stoner
Odin Works
APF
Ballistic Advantage
Noveske Rifleworks
Radian Weapons

22 Barrels

AR-Stoner
PROOF Research
Odin Works
White Oak Armament
Ballistic Advantage
Black Hole

Rifles

Noveske Rifleworks
CMMG
Radian
Phoenix Weaponry
War Sport
APF
Radical Firearms
Montana Rifle Company

Visit www.22nosler.com for more information about the 22 Nosler

22 NOSLER MATCH GRADE™ OFFERINGS

22 Nosler Match Grade™ 77gr CC
22 Nosler Match Grade™ 70gr RDF
22 Nosler Match Grade™ 85gr RDF



22 NOSLER TROPHY GRADE™ OFFERINGS

22 Nosler Trophy Grade™ 55gr BTV
22 Nosler Trophy Grade™ 70gr AB



22 NOSLER E-TIP™ OFFERING

22 Nosler E-Tip™ 55gr ET



22 NOSLER VARMAGEDDON™ OFFERING

22 Nosler Varmageddon™ 62gr VMG



22 NOSLER BULK BRASS OFFERING

22 Nosler (250ct.)



22 NOSLER BRASS OFFERING

22 Nosler (100ct.)



22 Nosler vs. 224 Valkyrie vs. 223 Rem Varmint Ammunition

Trajectory (24" BBL)

Range (yd)	22 Nos 55 BT Drop (in)	224 VLK 60 BT Drop (in)	223 Rem 55 VG Drop (in)
0	-1.5	-1.5	-1.5
100	1.1	1.3	1.6
200	0	0	0
300	-5.7	-6.6	-7.8
400	-17.5	-20	-24.1
500	-37.3	-42.5	-51.7
600	-67.9	-77.4	-95.1
700	-113.1	-128.9	-160
800	-178.1	-202.6	-253

Velocity (24" BBL)

Range (yd)	22 Nos 55 BT Velocity (ft/s)	224 VLK 60 BT Velocity (ft/s)	223 Rem 55 VG Velocity (ft/s)
0	3500	3300	3100
100	3102	2924	2720
200	2738	2578	2371
300	2403	2257	2048
400	2091	1960	1753
500	1805	1689	1491
600	1548	1449	1273
700	1328	1251	1112
800	1157	1104	1008

Use of an 18" barrel and standard gas system will result in a loss of approx. 150 fps in an AR platform rifle.

22 Nosler vs. 224 Valkyrie vs. 223 Rem

Long Range Match Ammunition

Trajectory (24" BBL)

Range (yd)	22 Nos 70 RDF Drop (in)	22 Nos 85 RDF Drop (in)	224 VLK 90 SMK Drop (in)	223 Rem 70 RDF Drop (in)
0	-1.5	-1.5	-1.5	-1.5
100	1.3	1.6	1.9	1.8
200	0	0	0	0
300	-6.1	-7.1	-8.1	-7.7
400	-17.9	-20.5	-23.1	-22.6
500	-36.4	-41.4	-46.2	-45.9
600	-62.9	-70.8	-78.3	-79.5
700	-99.1	-110.5	-121.1	-125.7
800	-147.2	-162.1	-176	-187.4
900	-209.8	-228.2	-245	-268.4
1000	-290.5	-311.7	-330.4	-374
1100	-394	-416.4	-434.6	-509.5
1200	-526	-547.1	-560.6	-678.7
1300	-690.7	-708.3	-711.3	-884.6

How does the 22 Nosler stack up against the standard 223 Rem and the new 224 Valkyrie? With greater case capacity, and flatter trajectory to 1300 yards, the numbers don't lie. The 22 Nosler is still the fastest, flattest 22 caliber cartridge available for the standard AR-15 rifle.



800.285.3701

Nosler[®]

CARTRIDGES

The 22 Nosler was designed to maximize the performance of the AR-15 platform rifle without necessitating the use of specialized components. Using the same overall length and cartridge head diameter as the 223 Rem/5.56, the 22 Nosler case is a completely new design, not based upon any other SAAMI approved case. With a larger body diameter and 25% greater case capacity, the 22 Nosler is faster, flatter, and hits harder than the 223/5.56.

The 26, 28, 30, and 33 Nosler cartridges were designed to maximize the performance available in a standard length action. Sharing the same 404 Jeffery parent case, these Nosler cartridges are examples of what a modern cartridge should be. Utilizing an extremely efficient case design, the 26, 28, 30, and 33 Nosler cartridges provide performance equal to or in excess of magnum sized cartridges of the same calibers.

All of the Nosler cartridges are extremely versatile, offering hunters and shooters excellent performance both in the field and on the range. While they are all from the same family, each Nosler cartridge offers its own set of advantages and applications. Whatever your preferred caliber, be it 22, 6.5, 7mm, 30, or the mighty 338 we now make a Nosler cartridge just for you.

When paired with suitable optics and bullets, the Nosler cartridges offer the perfect choice for engaging targets at long range. So, if you are looking for something a little more advanced, and a flat-shooting, hard-hitting cartridge sounds right for you, you owe it to yourself to take a look at the Nosler family of cartridges. Flat Out, Lights Out.

Nosler[®]



- The new 22 Nosler is a .224 caliber cartridge designed specifically for the AR-15 platform rifle.
- The 26, 28, 30 and 33 Nosler are non-belted, 6.5mm (.264 caliber), 7mm (.284 caliber), .308 and .338 caliber centerfire rifle cartridges.
- The 22 Nosler fires a 55gr. Ballistic Tip[®] Varmint bullet at 3350fps from an 18" barreled AR-15.
- The 26 Nosler is capable of firing a 129gr AccuBond[®]-LR bullet at a Muzzle Velocity of 3400 fps while the 28 Nosler launches a 160gr AccuBond[®] at 3300 fps the 30 Nosler fires a 180gr AccuBond[®] at 3200 fps and the 33 Nosler fires a 225gr AccuBond[®] at 3025 fps.
- Designed to function in a standard AR-15 platform rifle with minimal modifications, the conversion from .223/5.56 to 22 Nosler only requires a simple barrel (or upper) swap and the use of a magazine designed for the 6.8 SPC. The 22 Nosler uses the standard .223/5.56 bolt carrier group.
- Designed with a maximum C.O.A.L. of 3.340", the 26, 28, 30, and 33 Nosler cartridges function in a standard (30-06 Springfield) length action for shorter bolt throw and lighter weight than magnum length actions.

22, 26, 28, 30, AND 33 NOSLER TROPHY GRADE[™] AMMUNITION OFFERINGS

22 Nosler	Trophy Grade [™] Varmint Ammunition 55gr Ballistic Tip [®]	3,350fps
	E-Tip [®] Ammunition 55gr E-Tip [®]	3,300fps
	Varmageddon [®] Ammunition 62gr Varmageddon	3,100fps
	Match Grade [™] -RDF Ammunition 70gr RDF	3,000fps
	Match Grade [™] Ammunition 77gr Custom Competition [™]	2,950fps
26 Nosler	Match Grade [™] -RDF Ammunition 85gr RDF	2,750fps
	E-Tip [®] Ammunition 120gr E-Tip [®]	3,450fps
	Trophy Grade [™] -LR 129gr AccuBond [®] -LR	3,400fps
	NoslerCustom [®] Ammunition 130gr AccuBond [®]	3,400fps
	Match Grade [™] Ammunition 140gr Custom Competition [™]	3,300fps
28 Nosler	Trophy Grade [™] Ammunition 140gr AccuBond [®]	3,300fps
	Trophy Grade [™] -LR 142gr AccuBond [®] -LR	3,300fps
	E-Tip [®] Ammunition 150gr E-Tip [®]	3,250fps
	Trophy Grade [™] Ammunition 160gr AccuBond [®]	3,300fps
	Match Grade [™] Ammunition 168gr Custom Competition [™]	3,075fps
30 Nosler	Trophy Grade [™] Ammunition 175gr AccuBond [®] -LR	3,125fps
	Match Grade [™] Ammunition 185gr RDF [™]	2,950fps
	Trophy Grade [™] Ammunition 180gr AccuBond [®]	3,200fps
	E-Tip [®] Ammunition 180gr E-Tip [®]	3,100fps
	Match Grade [™] Ammunition 190gr Custom Competition [™]	3,050fps
33 Nosler	Trophy Grade [™] -LR Ammunition 210gr AccuBond [®] -LR	3,000fps
	Trophy Grade [™] Ammunition 225gr AccuBond [®]	3,025fps
	E-Tip [®] Ammunition 225gr E-Tip [®]	2,975fps
	Trophy Grade [™] Ammunition 250gr Partition [®]	2,750fps
	Trophy Grade [™] -LR Ammunition 265gr AccuBond [®] -LR	2,775fps
	Match Grade [™] Ammunition 300gr Custom Competition [™]	2,550fps

PARTITION®

The Benchmark for Hunting Bullets Since 1948™

Nosler

1 Nosler Engineering:
Nosler's special lead-alloy, dual-core provides superior mushrooming characteristics at virtually all impact velocities.

2 Fully Tapered Copper-Alloy Jacket:
Ruptures instantly at the thin jacket mouth, yet the gradual thickening along the bullet's axis controls expansion and curls the jacket uniformly outward at high and low velocities.

3 Nosler's Integral Partition:
Supports the expanded mushroom and retains the rear lead-alloy core. The enclosed rear core retains more than two-thirds of the original bullet weight for deep penetration.

4 Dual-Core Construction:
Every Partition® bullet in the Nosler® line delivers optimum length, weight and ogive design for maximum in-flight and terminal performance.

5 Special Crimp Locks:
Adds strength to resist deformation under the pressure of heavy magnums.



RMEF

A portion of the proceeds from the sale of select Partition® bullets is donated to the Rocky Mountain Elk Foundation.

Photo courtesy of Marcus Hockett



Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient



GAME RECOMMENDATIONS
Any game depending on caliber

PT

22 Cal (.224")	60 Gr. Spitzer	PT	25 Cal (.257")	120 Gr. Spitzer	PT	270 Cal (.277")	150 Gr. Spitzer	PT
SD. 0.171 BC. 0.228 OAL. 0.790"	PART#	PART#	SD. 0.260 BC. 0.391 OAL. 1.175"	PART#	PART#	SD. 0.279 BC. 0.465 OAL. 1.250"	PART#	PART#
50 Ct. 16316			50 Ct. 35643			50 Ct. 16323		
Requires a Minimum 1-1/2" Twist								
6mm (.243")	85 Gr. Spitzer	PT	6.5mm (.264")	100 Gr. Spitzer	PT	270 Cal (.277")	160 Gr. Semi Spitzer	PT
SD. 0.206 BC. 0.315 OAL. 0.950"	PART#	PART#	SD. 0.205 BC. 0.326 OAL. 0.962"	PART#	PART#	SD. 0.298 BC. 0.434 OAL. 1.300"	PART#	PART#
50 Ct. 16314			50 Ct. 16319			50 Ct. 16324		
6mm (.243")	95 Gr. Spitzer	PT	6.5mm (.264")	125 Gr. Spitzer	PT	7mm (.284")	140 Gr. Spitzer	PT
SD. 0.230 BC. 0.365 OAL. 1.025"	PART#	PART#	SD. 0.256 BC. 0.449 OAL. 1.170"	PART#	PART#	SD. 0.248 BC. 0.434 OAL. 1.160"	PART#	PART#
50 Ct. 16315			50 Ct. 16320			50 Ct. 16325		
6mm (.243")	100 Gr. Spitzer	PT	6.5mm (.264")	140 Gr. Spitzer	PT	7mm (.284")	150 Gr. Spitzer	PT
SD. 0.242 BC. 0.384 OAL. 1.065"	PART#	PART#	SD. 0.287 BC. 0.490 OAL. 1.290"	PART#	PART#	SD. 0.266 BC. 0.456 OAL. 1.220"	PART#	PART#
50 Ct. 35642			50 Ct. 16321			50 Ct. 16326		
25 Cal (.257")	100 Gr. Spitzer	PT	270 Cal (.277")	130 Gr. Spitzer	PT	7mm (.284")	160 Gr. Spitzer	PT
SD. 0.216 BC. 0.377 OAL. 1.035"	PART#	PART#	SD. 0.242 BC. 0.416 OAL. 1.135"	PART#	PART#	SD. 0.283 BC. 0.475 OAL. 1.270"	PART#	PART#
50 Ct. 16317			50 Ct. 16322			50 Ct. 16327		
25 Cal (.257")	115 Gr. Spitzer	PT	270 Cal (.277")	140 Gr. Spitzer	PT	7mm (.284")	175 Gr. Spitzer	PT
SD. 0.249 BC. 0.389 OAL. 1.145"	PART#	PART#	SD. 0.261 BC. 0.432 OAL. 1.190"	PART#	PART#	SD. 0.310 BC. 0.519 OAL. 1.360"	PART#	PART#
50 Ct. 16318			50 Ct. 35200			50 Ct. 35645		

30 Cal (.308")	150 Gr. Spitzer	PT	30 Cal (.308")	220 Gr. Semi Spitzer	PT	35 Cal (.358")	250 Gr. Spitzer	PT
SD. 0.226 BC. 0.387 OAL. 1.100"	PART#	PART#	SD. 0.331 BC. 0.351 OAL. 1.370"	PART#	PART#	SD. 0.279 BC. 0.446 OAL. 1.270"	PART#	PART#
50 Ct. 16329			50 Ct. 16332			50 Ct. 44801		
30 Cal (.308")	165 Gr. Spitzer	PT	8mm (.323")	200 Gr. Spitzer	PT	9.3mm (.366")	286 Gr. Spitzer (18.5 gram)	PT
SD. 0.248 BC. 0.410 OAL. 1.175"	PART#	PART#	SD. 0.274 BC. 0.426 OAL. 1.240"	PART#	PART#	SD. 0.307 BC. 0.482 OAL. 1.375"	PART#	PART#
50 Ct. 16330			50 Ct. 35277			50 Ct. 44750		
30 Cal (.308")	170 Gr. Round Nose	PT	338 Cal (.338")	210 Gr. Spitzer	PT	375 Cal (.375")	260 Gr. Spitzer	PT
SD. 0.256 BC. 0.252 OAL. 1.030"	PART#	PART#	SD. 0.263 BC. 0.400 OAL. 1.200"	PART#	PART#	SD. 0.264 BC. 0.314 OAL. 1.145"	PART#	PART#
50 Ct. 16333			50 Ct. 16337			50 Ct. 44850		
30 Cal (.308")	180 Gr. Protected Point	PT	338 Cal (.338")	225 Gr. Spitzer	PT	375 Cal (.375")	300 Gr. Spitzer	PT
SD. 0.271 BC. 0.361 OAL. 1.180"	PART#	PART#	SD. 0.281 BC. 0.454 OAL. 1.300"	PART#	PART#	SD. 0.305 BC. 0.398 OAL. 1.335"	PART#	PART#
50 Ct. 25396			50 Ct. 16336			50 Ct. 44845		
30 Cal (.308")	180 Gr. Spitzer	PT	338 Cal (.338")	250 Gr. Spitzer	PT	416 Cal (.416")	400 Gr. Spitzer	PT
SD. 0.271 BC. 0.474 OAL. 1.260"	PART#	PART#	SD. 0.313 BC. 0.473 OAL. 1.375"	PART#	PART#	SD. 0.330 BC. 0.390 OAL. 1.485"	PART#	PART#
50 Ct. 16331			50 Ct. 35644			50 Ct. 45200		
30 Cal (.308")	200 Gr. Spitzer	PT	35 Cal (.358")	225 Gr. Spitzer	PT	458 Cal (.458")	500 Gr. Protected Point	PT
SD. 0.301 BC. 0.481 OAL. 1.350"	PART#	PART#	SD. 0.251 BC. 0.421 OAL. 1.175"	PART#	PART#	SD. 0.341 BC. 0.389 OAL. 1.443"	PART#	PART#
50 Ct. 35626			50 Ct. 44800			25 Ct. 44745		

PARTITION

PARTITION

HIGH PERFORMANCE BONDED CORE BULLETS

Through an exclusive bonding process that eliminates voids in the bullet core, AccuBond® couples Nosler's proven copper-alloy jacket with its special lead-alloy core. The result is a bullet that flies true, penetrates deep and retains its weight, without causing extensive barrel fouling. The unique white polymer tip resists deforming and initiates expansion on impact. Nosler's Solid Base® at the rear of the bullet acts as a platform for large diameter mushrooms.



- 1. Unique White Polymer Tip:**
Assures accuracy, smooth chambering and eliminates tip damage during recoil.
- 2. Tapered Copper-Alloy Jacket:**
Lethal penetration and uniform expansion with maximum weight-retention and minimal barrel fouling.
- 3. Lead-Alloy Core:**
Engineered for balanced expansion.
- 4. Proprietary Bonding Process:**
Eliminates all possibility of component separation.
- 5. Boat-Tail Design:**
Boat-tail configuration combines with the stream-lined polymer tip for long-range performance and for easier loading.



Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient



GAME RECOMMENDATIONS
Deer, Bear, Elk, Moose, African Game

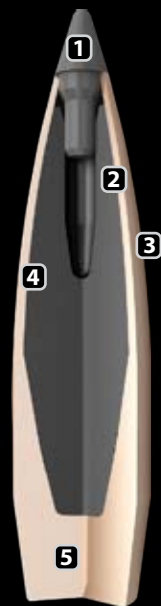
AB

22 Cal (.224")	70 Gr. Spitzer	AB	6.8mm (.277")	110 Gr. Spitzer W/Cannelure	AB	7mm (.284")	160 Gr. Spitzer	AB
SD. 0.199 BC. TBD OAL. 0.985" PART#			SD. 0.205 BC. 0.370 OAL. 1.105" PART#			SD. 0.283 BC. 0.531 OAL. 1.385" PART#		
50 Ct. 53780			50 Ct. 54382			50 Ct. 54932		
6mm (.243")	90 Gr. Spitzer	AB	270 Cal (.277")	130 Gr. Spitzer	AB	30 Cal (.308")	125 Gr. Spitzer	AB
SD. 0.218 BC. 0.376 OAL. 1.085" PART#			SD. 0.242 BC. 0.435 OAL. 1.230" PART#			SD. 0.188 BC. 0.366 OAL. 1.080" PART#		
50 Ct. 56357			50 Ct. 54987			50 Ct. 52165		
25 Cal (.257")	110 Gr. Spitzer	AB	270 Cal (.277")	140 Gr. Spitzer	AB	30 Cal (.308")	150 Gr. Spitzer	AB
SD. 0.238 BC. 0.418 OAL. 1.180" PART#			SD. 0.261 BC. 0.496 OAL. 1.295" PART#			SD. 0.226 BC. 0.435 OAL. 1.200" PART#		
50 Ct. 53742			50 Ct. 54765			50 Ct. 56719		
6.5mm (.264")	130 Gr. Spitzer	AB	270 Cal (.277")	150 Gr. Spitzer NEW	AB	30 Cal (.308")	165 Gr. Spitzer	AB
SD. 0.266 BC. 0.488 OAL. 1.305" PART#			SD. 0.279 BC. TBD OAL. 1.345" PART#			SD. 0.248 BC. 0.475 OAL. 1.290" PART#		
50 Ct. 56902			50 Ct. 54801			50 Ct. 55602		
6.5mm (.264")	140 Gr. Spitzer	AB	7mm (.284")	140 Gr. Spitzer	AB	30 Cal (.308")	180 Gr. Spitzer	AB
SD. 0.287 BC. 0.509 OAL. 1.375" PART#			SD. 0.248 BC. 0.485 OAL. 1.270" PART#			SD. 0.271 BC. 0.507 OAL. 1.380" PART#		
50 Ct. 57873			50 Ct. 59992			50 Ct. 54825		
6.8mm (.277")	100 Gr. Spitzer W/Cannelure	AB	7mm (.284")	150 Gr. Spitzer NEW	AB	30 Cal (.308")	200 Gr. Spitzer	AB
SD. 0.186 BC. 0.323 OAL. 1.030" PART#			SD. 0.266 BC. TBD OAL. 1.290" PART#			SD. 0.301 BC. 0.588 OAL. 1.485" PART#		
50 Ct. 57845			50 Ct. 54951			50 Ct. 54618		

8mm (.323")	200 Gr. Spitzer	AB	35 Cal (.358")	200 Gr. Spitzer (Whelen)	AB	375 Cal (.375")	300 Gr. Spitzer W/Cannelure	AB
SD. 0.274 BC. 0.450 OAL. 1.380" PART#			SD. 0.223 BC. 0.365 OAL. 1.245" PART#			SD. 0.305 BC. 0.485 OAL. 1.520" PART#		
50 Ct. 54374			50 Ct. 54425			50 Ct. 53662		
338 Cal (.338")	180 Gr. Spitzer	AB	35 Cal (.358")	225 Gr. Spitzer (Whelen)	AB	<p>Optimum Performance Velocity: Minimum: 1800 fps (549 mps) Maximum: Unlimited</p> <p>30 Cal 165gr</p> <p>1800 FPS 90% WR</p> <p>2400 FPS 77% WR</p> <p>3050 FPS 60% WR</p>		
SD. 0.225 BC. 0.372 OAL. 1.240" PART#			SD. 0.251 BC. 0.430 OAL. 1.365" PART#					
50 Ct. 57625			50 Ct. 50712					
338 Cal (.338")	200 Gr. Spitzer	AB	9.3mm (.366")	250 Gr. Spitzer W/Cannelure	AB			
SD. 0.250 BC. 0.414 OAL. 1.340" PART#			SD. 0.267 BC. 0.494 OAL. 1.375" PART#					
50 Ct. 56382			50 Ct. 59756					
338 Cal (.338")	225 Gr. Spitzer	AB	375 Cal (.375")	260 Gr. Spitzer W/Cannelure	AB			
SD. 0.281 BC. 0.550 OAL. 1.450" PART#			SD. 0.264 BC. 0.473 OAL. 1.380" PART#					
50 Ct. 54357			50 Ct. 54413					
338 Cal (.338")	250 Gr. Spitzer	AB	375 Cal (.375")	300 Gr. Spitzer W/Cannelure	AB			
SD. 0.313 BC. 0.575 OAL. 1.567" PART#			SD. 0.305 BC. 0.485 OAL. 1.520" PART#					
50 Ct. 57287			50 Ct. 53662					
338 Cal (.338")	300 Gr. Spitzer	AB	375 Cal (.375")	260 Gr. Spitzer W/Cannelure	AB	<p>800.285.3701</p>		
SD. 0.375 BC. 0.720 OAL. 1.750" PART#			SD. 0.264 BC. 0.473 OAL. 1.390" PART#					
50 Ct. 54851			50 Ct. 54413					

AccuBond® LONG LR RANGE

The AccuBond® -Long Range (LR) bullet line was developed in response to the escalating demand from long-range hunters who were asking for a hunting bullet that could keep up with today's level of high-grade optics and ultra-high velocity cartridges in order to stretch practical shooting yardages past 1,000 yards; yet still perform on big-game animals. In order to accommodate these extreme parameters, the AccuBond® -LR bullet was designed to have a minimum impact velocity of 1300fps in order to reliably expand or mushroom at those much longer distances, compared to the 1800fps minimum impact velocity of all other Nosler® hunting bullets. Now what about close range performance? Because the lead core is bonded to the copper jacket, the AccuBond®-LR bullet will hold up to extreme velocities. To further assist performance at such a wide range of impact velocities, the copper jacket is tapered, meaning it is thin at the nose, becoming much thicker towards the boat-tail base.



- 1 Unique Gray Polymer Tip:**
Assures accuracy, smooth chambering and eliminates tip damage during recoil.
- 2 Bonded Performance:**
Bonded for maximum weight retention and energy transfer
- 3 Tangent Ogive:**
Promotes smooth feeding and consistent seating depths
- 4 Reliable expansion:**
Reliable expansion across the widest range of velocities of any Nosler hunting bullet
- 5 High-performance boat-tail:**
Enhanced boat-tail for maximized B.C. and increased weight retention

Nosler



Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient



GAME RECOMMENDATIONS
Deer, Bear, Elk, Moose, African Game

ABLR

6.5mm (.264")	129 Gr. Spitzer	ABLR	7mm (.284")	168 Gr. Spitzer	ABLR	30 Cal (.308")	210 Gr. Spitzer	ABLR			
SD. 0.264	BC. 0.530	OAL. 1.370"	PART#	SD. 0.298	BC. 0.616	OAL. 1.500"	PART#	SD. 0.316	BC. 0.661	OAL. 1.570"	PART#
100 Ct. 58943			100 Ct. 58623			100 Ct. 58317					
G1 Ballistic Coefficient 0.530		G7 Ballistic Coefficient 0.267		G1 Ballistic Coefficient 0.616		G7 Ballistic Coefficient 0.310		G1 Ballistic Coefficient 0.661		G7 Ballistic Coefficient 0.333	
6.5mm (.264")	142 Gr. Spitzer	ABLR	7mm (.284")	175 Gr. Spitzer	ABLR	338 Cal (.338")	265 Gr. Spitzer	ABLR			
SD. 0.291	BC. 0.625	OAL. 1.445"	PART#	SD. 0.310	BC. 0.648	OAL. 1.540"	PART#	SD. 0.331	BC. 0.732	OAL. 1.700"	PART#
100 Ct. 58922			100 Ct. 58517			100 Ct. 58454					
G1 Ballistic Coefficient 0.625		G7 Ballistic Coefficient 0.315		G1 Ballistic Coefficient 0.648		G7 Ballistic Coefficient 0.326		G1 Ballistic Coefficient 0.732		G7 Ballistic Coefficient 0.369	
270 Cal (.277")	150 Gr. Spitzer	ABLR	30 Cal (.308")	168 Gr. Spitzer	ABLR	338 Cal (.338")	300 Gr. Spitzer NEW	ABLR			
SD. 0.279	BC. 0.591	OAL. 1.390"	PART#	SD. 0.253	BC. 0.525	OAL. 1.365"	PART#	SD. 0.375	BC. TBD	OAL. TBD	PART#
100 Ct. 58836			100 Ct. 58455			100 Ct. 58518					
G1 Ballistic Coefficient 0.591		G7 Ballistic Coefficient 0.298		G1 Ballistic Coefficient 0.525		G7 Ballistic Coefficient 0.265		G1 Ballistic Coefficient TBD		G7 Ballistic Coefficient TBD	
7mm (.284")	150 Gr. Spitzer	ABLR	30 Cal (.308")	190 Gr. Spitzer	ABLR						
SD. 0.266	BC. 0.546	OAL. 1.400"	PART#	SD. 0.286	BC. 0.597	OAL. 1.480"	PART#				
100 Ct. 58734			100 Ct. 58456								
G1 Ballistic Coefficient 0.546		G7 Ballistic Coefficient 0.275		G1 Ballistic Coefficient 0.597		G7 Ballistic Coefficient 0.301					

Updated BC's

We have had the Ballistic Coefficients (BC's) of our AccuBond-Long Range (ABLR) bullets tested and verified with Doppler radar. This has resulted in a revision of our published BC numbers to more accurately match real-world flight characteristics. Using Doppler radar to verify our BC's allows us to provide the most accurate BC numbers to our customers while increasing the accuracy of long range ballistics calculations. To perform this critical testing, we selected the Energetic Materials Research and Testing Center (EMRTC) at the New Mexico Institute of Mining and Technology. EMRTC is the largest privately owned ordnance and ballistic test facility outside the government, encompassing 40 square miles and over 30 test ranges. EMRTC is interna-

tionally recognized as a center for excellence in energetics and ballistics research and testing. We are pleased to provide these highly accurate BC numbers and feel confident that they will bring a new degree of precision to your long-range ballistics calculations. For the utmost accuracy, we recommend using the G7 BC when calculating trajectories with the ABLR bullet line.

New Mexico Tech
ENERGETIC MATERIALS RESEARCH AND TESTING CENTER

OPTIMUM PERFORMANCE VELOCITY:

Minimum: 1300 fps (396 mps)
Maximum: 3400 fps (1036 mps)

1350 FPS 3000 FPS
95% WR 55% WR



7mm 175gr

TECHNICAL NOTE

*When loading the AccuBond®-LR bullet, Nosler ballisticians have found that loading to the maximum SAAMI cartridge overall length tends to provide best accuracy.



ACCUBOND LONG-RANGE

ACCUBOND LONG-RANGE

BALLISTIC TIP®

HUNTING

Nosler

The more you hunt, the more you start to realize how unpredictable and unforgiving nature can be, which is why we engineered the Ballistic Tip® Hunting bullet to be very predictable and extremely forgiving. Whether you're after whitetails, blacktails, mulies or pronghorns, Ballistic Tip® bullets deliver the kind of accuracy, consistency and down-range punch required for putting down that buck in any situation. The combination of performance and versatility that Nosler® has built into these bullets has resulted in over 30 years of successful hunts for sportsmen across the country – and around the world.

These bullets deliver the accuracy, consistency and down-range punch required for clean kills in all situations. These flat-shooting, wind-defying bullets utilize ballistic-designed boat-tails and polymer tips to increase long-range efficiency and protect against tip damage in the magazine. Unique tapered jacket provides controlled expansion at all practical ranges and velocities.



- 1 Nosler Ballistic Tip®:** Streamlined polymer tip, color-coded by caliber, resists deformation in the magazine and initiates expansion upon impact.
- 2 Fully-Tapered Jacket and Special Lead-Alloy Core:** Allows controlled expansion and optimum weight retention at all practical velocity levels. The heavy jacketed base prevents bullet deformation during firing.
- 3 Heavy Jacketed Base:** Acts as a platform for large-diameter mushroom.
- 4 Ballistically Engineered Solid Base®:** Boat tail configuration combines with the streamlined polymer tip for extreme long-range performance and for easier loading.



Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient



GAME RECOMMENDATIONS
Deer, Antelope, Hogs

BT

6mm (.243")	90 Gr. Spitzer (Purple Tip)	BT	6.5mm (.264")	140 Gr. Spitzer (Brown Tip)	BT	7mm (.284")	150 Gr. Spitzer (Red Tip)	BT
SD. 0.218 BC. 0.365 OAL. 1.080"	PART#	50 Ct. 24090	SD. 0.287 BC. 0.509 OAL. 1.350"	PART#	50 Ct. 26140	SD. 0.266 BC. 0.493 OAL. 1.300"	PART#	50 Ct. 28150
6mm (.243")	95 Gr. Spitzer (Purple Tip)	BT	270 Cal (.277")	130 Gr. Spitzer (Yellow Tip)	BT	30 Cal (.308")	125 Gr. Spitzer (Green Tip)	BT
SD. 0.230 BC. 0.379 OAL. 1.120"	PART#	50 Ct. 24095	SD. 0.242 BC. 0.433 OAL. 1.220"	PART#	50 Ct. 27130	SD. 0.188 BC. 0.366 OAL. 1.060"	PART#	50 Ct. 30125
25 Cal (.257")	100 Gr. Spitzer (Blue Tip)	BT	270 Cal (.277")	140 Gr. Spitzer (Yellow Tip)	BT	30 Cal (.308")	150 Gr. Spitzer (Green Tip)	BT
SD. 0.216 BC. 0.393 OAL. 1.110"	PART#	50 Ct. 25100	SD. 0.261 BC. 0.456 OAL. 1.296"	PART#	50 Ct. 27140	SD. 0.226 BC. 0.435 OAL. 1.220"	PART#	50 Ct. 30150
25 Cal (.257")	115 Gr. Spitzer (Blue Tip)	BT	270 Cal (.277")	150 Gr. Spitzer (Yellow Tip)	BT	30 Cal (.308")	165 Gr. Spitzer (Green Tip)	BT
SD. 0.249 BC. 0.453 OAL. 1.215"	PART#	50 Ct. 25115	SD. 0.279 BC. 0.496 OAL. 1.350"	PART#	50 Ct. 27150	SD. 0.248 BC. 0.475 OAL. 1.290"	PART#	50 Ct. 30165
6.5mm (.264")	100 Gr. Spitzer (Brown Tip)	BT	7mm (.284")	120 Gr. Spitzer (Red Tip)	BT	30 Cal (.308")	168 Gr. Spitzer (Green Tip)	BT
SD. 0.205 BC. 0.350 OAL. 1.080"	PART#	50 Ct. 26100	SD. 0.213 BC. 0.417 OAL. 1.135"	PART#	50 Ct. 28120	SD. 0.253 BC. 0.490 OAL. 1.307"	PART#	50 Ct. 30168
6.5mm (.264")	120 Gr. Spitzer (Brown Tip)	BT	7mm (.284")	140 Gr. Spitzer (Red Tip)	BT	30 Cal (.308")	180 Gr. Spitzer (Green Tip)	BT
SD. 0.246 BC. 0.458 OAL. 1.220"	PART#	50 Ct. 26120	SD. 0.248 BC. 0.485 OAL. 1.255"	PART#	50 Ct. 28140	SD. 0.271 BC. 0.507 OAL. 1.360"	PART#	50 Ct. 30180

30 Cal (.308")	220 Gr. Round Nose (Green Tip) <<< SUBSONIC >>>	BT
SD. 0.331 BC. 0.472 OAL. 1.465"	PART#	50 Ct. 30181
7.62x39 (.310")	123 Gr. Spitzer (Green Tip) NEW	BT
SD. 0.183 BC. TBD OAL. TBD	PART#	50 Ct. 30131
8mm (.323")	180 Gr. Spitzer (Gunmetal Tip)	BT
SD. 0.246 BC. 0.394 OAL. 1.280"	PART#	50 Ct. 32180
458 Cal (.458")	300 Gr. Spitzer (Orange Tip)	BT
SD. 0.204 BC. 0.250 OAL. 0.960"	PART#	50 Ct. 31456



300 Blackout- 220gr. RNBT
1000 FPS 12" Pen
95% WR GEL

Optimum Performance Velocity:
Minimum: 1800 fps (549 mps) / Maximum: 3200 fps (975 mps)



TIP COLOR BY CALIBER	
6MM	7MM
25 CAL	30 CAL
6.5MM	8MM
270 CAL	458 CAL



BALLISTIC TIP

BALLISTIC TIP

What is Lubalox®?

Lubalox® is the trade name Winchester uses to describe a black oxide process. It is a very thin oxide bullet coating, often compared to the bluing on a steel firearm.

What are the benefits of Lubalox®?

The primary benefit of Lubalox is reduced barrel fouling. The process creates a surface on the bullet jacket, which increases the number of shots possible between cleanings. Unlike moly-coated bullets, Lubalox-coated bullets leave the barrel residue-free and do not require barrel "seasoning". Additionally, unlike uncoated bullets that tarnish over time, Lubalox protects the surface of the bullet jacket, keeping it looking like new.

Will Lubalox® harm the gun barrel?

Lubalox does not harm the barrel. In fact, testing shows that the coating often reduces barrel fouling.

Lubalox® coating is not a Moly coating.



- 1 Polymer Silvertip:**
Polymer Silvertip prevents deformation in the magazine.
- 2 Lubalox® Exterior Coating:**
Reduces fouling, pressure and friction between bullet and bore; provides longer barrel life, easier cleaning and enhanced accuracy.
- 3 Fully Tapered Jacket and Special Lead-Alloy Core:**
Allows controlled expansion and optimum weight retention at all practical velocity levels. The heavy jacketed base prevents bullet deformation during firing.
- 4 Heavy Jacketed Base:**
Acts as a platform for large- diameter mushroom.
- 5 Ballistically Engineered Solid Base®:**
Boat-tail configuration combines with the streamlined polymer tip for extreme long-range performance and for easier loading.



Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient



GAME RECOMMENDATIONS
Deer, Antelope, Hogs

BST

6mm (.243")	95 Gr. Spitzer (Silver Tip)	BST
SD. 0.230 BC. 0.379 OAL. 1.120"	PART#	50 Ct. 51040

30 Cal (.308")	150 Gr. Spitzer (Silver Tip)	BST
SD. 0.226 BC. 0.435 OAL. 1.220"	PART#	50 Ct. 51150

45 Cal (.458")	300 Gr. Round Nose (Silver Tip)	BST
SD. 0.204 BC. 0.191 OAL. 0.900"	PART#	50 Ct. 51834

25 Cal (.257")	115 Gr. Spitzer (Silver Tip)	BST
SD. 0.249 BC. 0.453 OAL. 1.215"	PART#	50 Ct. 51050

30 Cal (.308")	150 Gr. Round Nose (Silver Tip)	BST
SD. 0.226 BC. 0.232 OAL. 1.066"	PART#	50 Ct. 51165

270 Cal (.277")	130 Gr. Spitzer (Silver Tip)	BST
SD. 0.242 BC. 0.433 OAL. 1.220"	PART#	50 Ct. 51075

30 Cal (.308")	168 Gr. Spitzer (Silver Tip)	BST
SD. 0.253 BC. 0.490 OAL. 1.307"	PART#	50 Ct. 51160

270 Cal (.277")	150 Gr. Spitzer (Silver Tip)	BST
SD. 0.279 BC. 0.496 OAL. 1.350"	PART#	50 Ct. 51100

30 Cal (.308")	180 Gr. Spitzer (Silver Tip)	BST
SD. 0.271 BC. 0.507 OAL. 1.360"	PART#	50 Ct. 51170

7mm (.284")	140 Gr. Spitzer (Silver Tip)	BST
SD. 0.248 BC. 0.485 OAL. 1.255"	PART#	50 Ct. 51105

338 Cal (.338")	200 Gr. Spitzer (Silver Tip)	BST
SD. 0.250 BC. 0.414 OAL. 1.340"	PART#	50 Ct. 51200

7mm (.284")	150 Gr. Spitzer (Silver Tip)	BST
SD. 0.266 BC. 0.493 OAL. 1.300"	PART#	50 Ct. 51110

Look for CT® Ballistic Silvertip® bullets in Winchester® Supreme® Ammunition

CT®, Combined Technology and Ballistic Silvertip® are joint-registered trademarks of Nosler, Inc. and Olin-Winchester®. Winchester®, Supreme™, and Lubalox® are registered trademarks of Olin-Winchester®.

Optimum Performance Velocity:
Minimum: 1800 fps (549 mps) / Maximum: 3200 fps (975 mps)



- Non-Moly Coating Which Allows More Shots Between Cleaning
- Legendary Ballistic Tip® Performance
- Defining Silver Polymer Tip
- Lubalox® Exterior Coating



E-TIP[®]

EXPANSION TIP

Nosler's E-Tip[®] bullet has quickly become one of the favorite hunting bullets of Nosler[®] employees, and for good reason. With Nosler's exclusive E2 Cavity[™] [Energy Expansion Cavity[™]] that allows for immediate expansion at impact velocities as low as 1800fps, yet maintains 95% weight retention at unlimited impact velocities for maximum penetration. These benefits translate to a hunting bullet with rapid, yet controlled, four-leaf expansion at a wide range of velocities for maximum energy transfer along with the added benefit of high weight retention for deep, destructive wound channels.

"We took our 60+ years of bullet manufacturing experience and the depth of our knowledge into the design of this bullet. Our goal was to make a lead-free projectile that expanded like a lead-core bullet yet maintained nearly 100% weight retention for maximum penetration. The successful result is the Nosler E-Tip[®] bullet."

Bob Nosler, President/CEO Nosler, Inc.



- 1 Signature OD Green Polymer Tip:** Nosler's advanced polymer tip initiates expansion while delivering unsurpassed penetration and weight retention.
- 2 E2 Cavity[™]:** The exclusive Energy Expansion Cavity[™] provides a dual-expansion chamber for amazing stopping power and uniform expansion with 95%+ weight retention for superior penetration.
- 3 Solid Copper-Alloy Construction:** Nosler's one-piece design meets all "lead-free" hunting regulations without sacrificing performance.
- 4 Boat-Tail Design:** Boat-tail configuration combines with the streamlined polymer tip for extreme long-range performance and for easier loading.

Nosler

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient



GAME RECOMMENDATIONS
Deer, Bear, Elk, Moose, African Game

ET

22 Cal (.224")	55 Gr. Spitzer	ET	7mm (.284")	140 Gr. Spitzer	ET	30 Cal (.308")	180 Gr. Spitzer	ET
SD. 0.157 BC. 0.305 OAL. 0.890"	PART#	50 Ct. 59624	SD. 0.248 BC. 0.489 OAL. 1.360"	PART#	50 Ct. 59955	SD. 0.271 BC. 0.523 OAL. 1.485"	PART#	50 Ct. 59180
Requires a Minimum 1-10" Twist								
6mm (.243")	90 Gr. Spitzer	ET	7mm (.284")	150 Gr. Spitzer	ET	7.62x39 (.310")	123 Gr. Spitzer NEW	ET
SD. 0.218 BC. 0.403 OAL. 1.180"	PART#	50 Ct. 59165	SD. 0.266 BC. 0.498 OAL. 1.425"	PART#	50 Ct. 59426	SD. 0.183 BC. TBD OAL. TBD	PART#	50 Ct. 59387
Requires a Minimum 1-9" Twist								
25 Cal (.257")	100 Gr. Spitzer	ET	300 AAC (.308")	110 Gr. Spitzer	ET	8mm (.323")	180 Gr. Spitzer	ET
SD. 0.216 BC. 0.409 OAL. 1.215"	PART#	50 Ct. 59456	SD. 0.166 BC. 0.245 OAL. 1.095"	PART#	50 Ct. 59380	SD. 0.246 BC. 0.427 OAL. 1.365"	PART#	50 Ct. 59265
6.5mm (.264")	120 Gr. Spitzer	ET	30/30 (.308")	150 Gr. Round Nose	ET	338 Cal (.338")	200 Gr. Spitzer	ET
SD. 0.246 BC. 0.497 OAL. 1.350"	PART#	50 Ct. 59765	SD. 0.226 BC. 0.344 OAL. 1.165"	PART#	50 Ct. 59451	SD. 0.250 BC. 0.425 OAL. 1.427"	PART#	50 Ct. 59186
6.8mm (.277")	85 Gr. Spitzer	ET	30 Cal (.308")	150 Gr. Spitzer	ET	338 Cal (.338")	225 Gr. Spitzer	ET
SD. 0.158 BC. 0.273 OAL. 0.985"	PART#	50 Ct. 59543	SD. 0.226 BC. 0.469 OAL. 1.293"	PART#	50 Ct. 59378	SD. 0.281 BC. 0.611 OAL. 1.575"	PART#	50 Ct. 59372
270 Cal (.277")	130 Gr. Spitzer	ET	30 Cal (.308")	168 Gr. Spitzer	ET	338 Cal (.338")	250 Gr. Spitzer NEW	ET
SD. 0.242 BC. 0.459 OAL. 1.345"	PART#	50 Ct. 59298	SD. 0.253 BC. 0.503 OAL. 1.415"	PART#	50 Ct. 59415	SD. 0.313 TBD OAL. 1.680"	PART#	50 Ct. 59385

9.3mm (.366")	250 Gr. Spitzer	ET
SD. 0.267 BC. 0.494 OAL. 1.680"	PART#	50 Ct. 59270
375 Cal (.375")	260 Gr. Spitzer NEW	ET
SD. 0.264 BC. TBD OAL. TBD	PART#	50 Ct. 59379

- OD Green Polymer Tip
- Expansion Tip
- E2 Cavity[™]
- Solid Gilding Metal Construction
- Lead-Free
- 95% Weight Retention

Uniform Expansion With 95%+ Weight Retention For Superior Penetration

Optimum Performance Velocity:
Minimum: 1800 fps (549 mps)
Maximum: Unlimited

30 Cal 168gr

1800 FPS
98% WR



2400 FPS
98% WR



3050 FPS
98% WR



SOLID™

DANGEROUS GAME

Always Have a PH Back-Up When Taking Dangerous Game



The Nosler® Solids™ are exactly that – Solid. Nosler® engineers were challenged to design an unrivaled dangerous game bullet that would create the deepest wound channel possible, reliably feed in a bolt action rifle, and share the same point of impact as the Nosler® Partition® of equal caliber and weight. Needless to say, our engineers had their work cut out for them but in true Nosler® fashion, they exceeded expectations.

The first step was to mill Nosler® Solids™ from a homogeneous billet of brass alloy in order to maximize strength, consistency and concentricity. The bullet design starts with a large, flat-nose meplat to minimize deflection off of bone and muscle to punch an impressively long and straight wound channel, even on raking shots. The rebated front section of the bullet was designed to match the chamber pressure of the Nosler® Partition® of equal caliber and weight in order to achieve same point of impact for both bullets at typical hunting ranges and velocities. The precision-cut band allows for tight crimping to ensure each bullet is properly seated and to prevent bullet setback during firing.

1 Flat-Nose Design:
Reduces deflection off of bone and muscle for deep penetration and an impressively straight wound channel.

2 Concentric Design:
Seating groove produces optimal load versatility

3 Solid™ Bullet Construction:
Lead-free alloy delivers lethal penetration.

- Reliable feeding
- High Weight Retention
- Maximum Penetration
- Reliable expansion

1 Protected Point Design:
Ensures reliable feeding in both bolt action and semi-automatic platforms.

2 AccuBond® Bonding Process:
Welds the copper jacket to the lead core to prevent core/jacket separation for maximized weight retention.

3 Well-Defined Cannelure:
Permits a tight crimp that eliminates bullet movement within the case during recoil, ensuring reliable feeding in semi-automatic rifles.

4 Solid Base®:
Solid Base® construction ensures straight-line penetration.



BONDED SOLID BASE® BULLETS

BONDED PERFORMANCE

Nosler's Bonded Solid Base® bullet line-up is comprised of .22-64 grain, 6.8mm-90 grain and .308-168 grain offerings due to consumer demand for a projectile that offers controlled expansion, high weight retention and deep penetration but optimized for use in AR platform rifles. Bonded Solid Base® bullets are excellent for big-game hunting as well as personal defense.

The Bonded Solid Base® bullet features a Protected Point design for reliable feeding in both bolt action and semi-automatic rifles.

The tapered jacket ensures controlled expansion while the proprietary bonding process prevents fragmentation and guarantees high weight retention. The AccuBond® bonding process welds the copper jacket to the lead core to virtually eliminate the possibility of core/jacket separation. Solid Base® construction supports the mushroom for wide wound channels and deep, barrier blind penetration.

SD

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient



GAME RECOMMENDATIONS
Dangerous Game

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

BSB

9.3mm (.366")	286 Gr. Solid	SD
SD: 0.307	BC: 0.350	OAL: 1.410"
PART#		25 Ct. 29825

470 NE (.474")	500 Gr. Solid	SD
SD: 0.318	BC: 0.237	OAL: 1.500"
PART#		25 Ct. 28455

Solid™ Bullets Are Available Loaded
In Safari Ammunition.



375 Cal (.375")	260 Gr. Solid	SD
SD: 0.264	BC: 0.254	OAL: 1.244"
PART#		25 Ct. 29755

DANGEROUS GAME

Whether being used for initial shots on elephant or follow-up shots on Cape buffalo, Nosler® Solids™ will give you the bone crushing performance needed when your life is on the line.

375 Cal (.375")	300 Gr. Solid	SD
SD: 0.305	BC: 0.300	OAL: 1.417"
PART#		25 Ct. 28451

416 Cal (.416")	400 Gr. Solid	SD
SD: 0.330	BC: 0.289	OAL: 1.523"
PART#		25 Ct. 23654

458 Cal (.458")	500 Gr. Solid	SD
SD: 0.341	BC: 0.246	OAL: 1.530"
PART#		25 Ct. 27452



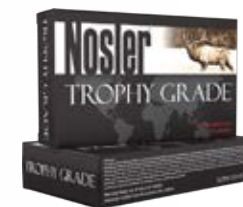
22 Cal (.224")	64 Gr. Protected Point	BSB
SD: 0.182	BC: 0.231	OAL: 0.785"
PART#		50 Ct. 38135

6.8mm (.277")	90 Gr. Protected Point	BSB
SD: 0.168	BC: 0.227	OAL: 0.785"
PART#		50 Ct. 38140

30 Cal (.308")	168 Gr. Protected Point	BSB
SD: 0.253	BC: 0.350	OAL: 1.115"
PART#		50 Ct. 38145



Look For Our Bonded Solid Base® Bullets Loaded In Nosler's Own DEFENSE™ Ammunition and Trophy Grade™ Ammunition Lines



Optimum Performance Velocity:
Minimum: 1600 fps (487mps) / Maximum: Unlimited



BONDED SOLID BASE

BALLISTIC TIP® VARMINT

Nosler

Long-range Ballistics, Structural Integrity And Explosive Expansion

Nosler® Ballistic Tip® Varmint bullets thrive on ultra-high velocity loads yet will go the distance with spectacular results all the way down to the lowest practical velocity levels. This is made possible by the proprietary manufacturing process that allows for several key benefits for varmint shooters. First, the BT Varmint has a solid, boat-tail base for increased ballistic coefficient and ease of reloading. Second, it is constructed with thick jacket walls, eliminating the chance of air solubility at extreme velocities. Third, the jacket thins at the nose of the bullet which combined with the polymer tip creates rapid and explosive expansion. Fast or slow, near or far, no matter what rifle /cartridge combination you're shooting or what varmint you're shooting at, Nosler® Ballistic Tip® Varmint delivers match-grade accuracy with all the performance characteristics serious varminters are looking for.



- 1 Nosler Ballistic Tip®:**
Nestled in the jacket mouth is the streamlined polymer tip, color-coded by caliber.
- 2 Ultra-Thin Jacket Mouth:**
Assures violent expansion at either end of the velocity scale.
- 3 Varmint Jacket Wall Design:**
The uniform, gradual thickening at the bullet's mid-section is designed to keep the Ballistic Tip® Varmint together until impact-at any velocity.
- 4 Ballistically Engineered Solid Base®:**
Boat tail configuration combines with the streamlined polymer tip for extreme long-range performance and for easier loading.



Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient



GAME RECOMMENDATIONS
Varmints

BT

204 Cal (.204")	32 Gr. Spitzer (Maroon Tip)	BT	6mm (.243")	55 Gr. Spitzer (Purple Tip)	BT	25 Cal (.257")	85 Gr. Spitzer (Blue Tip)	BT			
SD. 0.110	BC. 0.206	OAL. 0.640"	PART#	SD. 0.133	BC. 0.276	OAL. 0.785"	PART#	SD. 0.183	BC. 0.329	OAL. 1.015"	PART#
	100 Ct. 35216			100 Ct. 24055				100 Ct. 43004			
	250 Ct. 39573			250 Ct. 39565							
204 Cal (.204")	40 Gr. Spitzer (Maroon Tip)	BT	6mm (.243")	70 Gr. Spitzer (Purple Tip)	BT						
SD. 0.137	BC. 0.239	OAL. 0.730"	PART#	SD. 0.169	BC. 0.310	OAL. 0.915"	PART#				
	100 Ct. 52111			100 Ct. 39532							
	250 Ct. 39521			250 Ct. 39570							
22 Cal (.224")	40 Gr. Spitzer (Orange Tip)	BT	6mm (.243")	80 Gr. Spitzer (Purple Tip)	BT						
SD. 0.114	BC. 0.221	OAL. 0.705"	PART#	SD. 0.194	BC. 0.329	OAL. 0.990"	PART#				
	100 Ct. 39510			100 Ct. 24080							
	250 Ct. 39555										
	1000 Ct. 62634										
22 Cal (.224")	50 Gr. Spitzer (Orange Tip)	BT									
SD. 0.142	BC. 0.238	OAL. 0.800"	PART#								
	100 Ct. 39522										
	250 Ct. 39557										
	1000 Ct. 15190										
22 Cal (.224")	55 Gr. Spitzer (Orange Tip)	BT									
SD. 0.157	BC. 0.267	OAL. 0.810"	PART#								
	100 Ct. 39526										
	250 Ct. 39560										
	1000 Ct. 11288										
22 Cal (.224")	60 Gr. Spitzer (Orange Tip)	BT									
SD. 0.171	BC. 0.270	OAL. 0.855"	PART#								
	100 Ct. 34992										
	250 Ct. 39473										

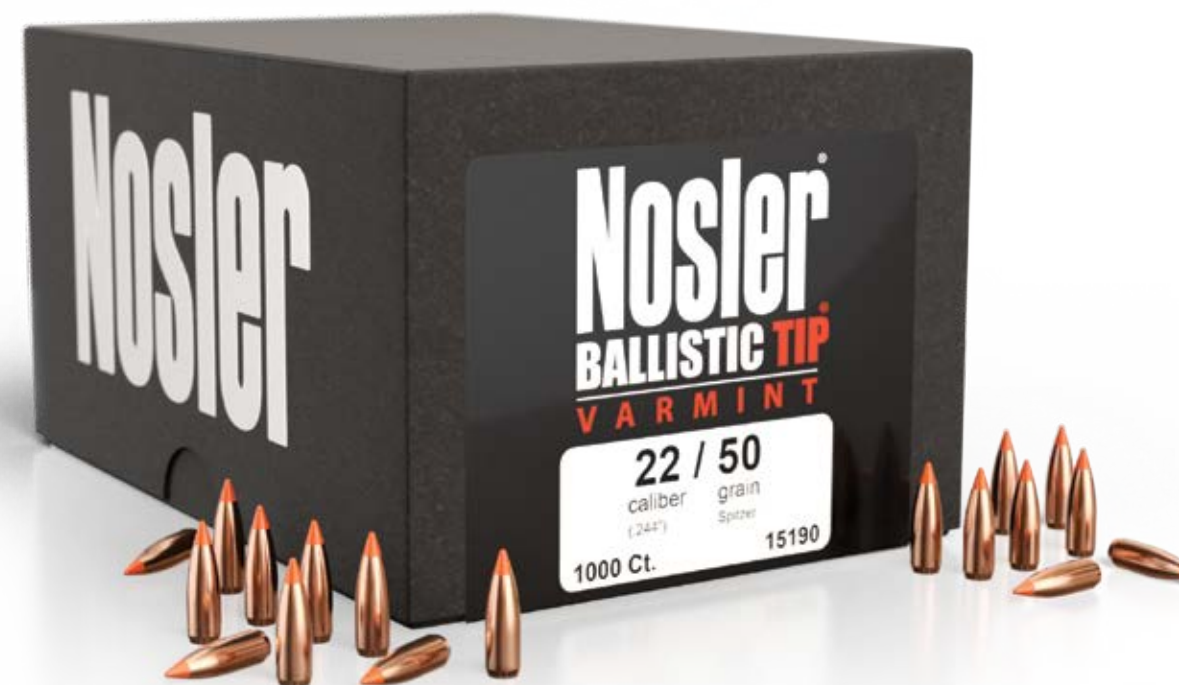
OPTIMUM PERFORMANCE VELOCITY:

Minimum: 1600 fps (488mps)
Maximum: Unlimited

TIP COLOR BY CALIBER

204 CAL	6MM
22 CAL	25 CAL

Ballistic Tip® Varmint bullets are packaged in 100, 250, and 1000 count boxes.



BALLISTIC TIP

BALLISTIC TIP



Varmageddon bullets are made with a lead-alloy core and feature a copper-alloy jacket designed to withstand high velocities yet expand immediately upon impact. Varmageddon bullets are manufactured using a highly efficient process, providing legendary Nosler quality and accuracy at an economical price.

- Ultra-Thin Jacket
- Nosler Proven Accuracy
- Special Lead-Alloy Core
- Flat-Base Design



Available in Tipped or Hollow Point Design

- 1 Hollow Point:**
Designed for optimum flight and expansion characteristics
- 2 Metallic Black Polymer Tip:**
Nestled in the jacket mouth is the streamlined polymer tip.
- 3 Ultra-Thin Jacket Mouth:**
Assures violent expansion at either end of the velocity scale.
- 4 Varmint Jacket Wall Design:**
The uniform, gradual thickening at the bullet's mid-section is designed to keep the Varmageddon® together until impact-at any velocity.
- 5 Flat Base:**
Bench rest accuracy out of a varmint bullet.

Nosler

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

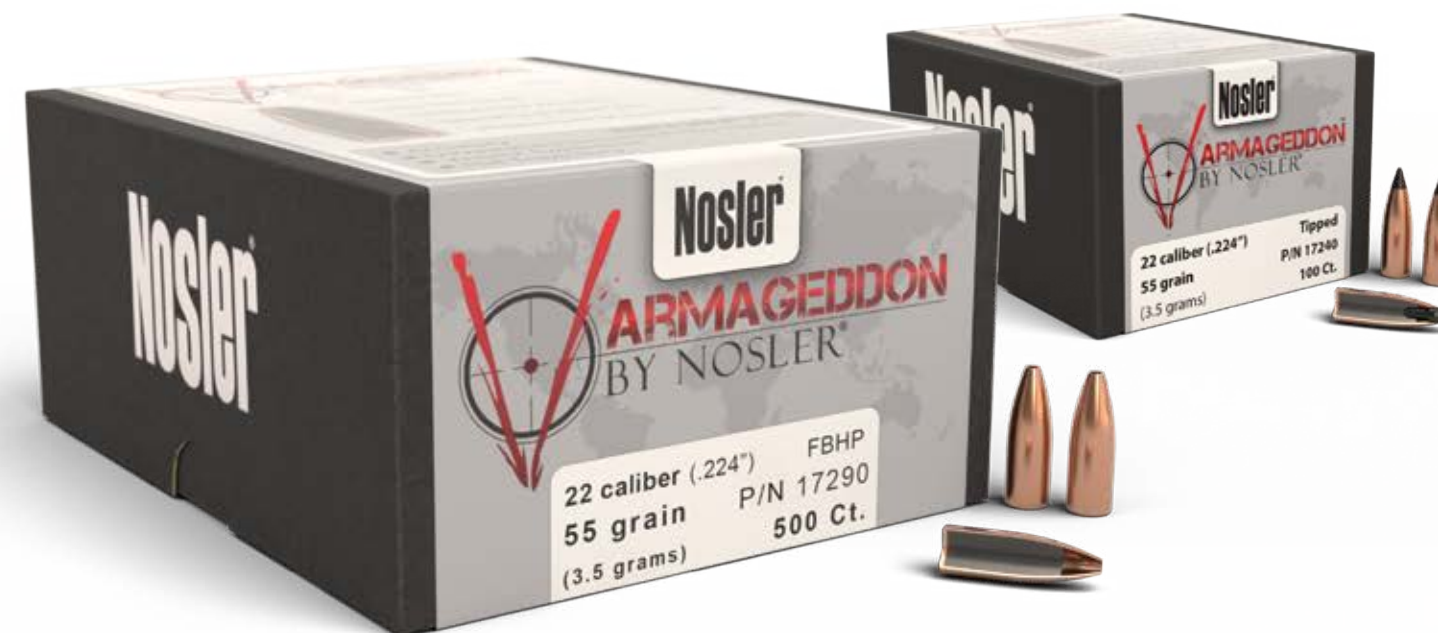


GAME RECOMMENDATIONS
Varmints

VMG

17 Cal (.172")	20 Gr. FBHP	SD. 0.097	BC. 0.119	OAL. 0.500"	VMG PART#	100 Ct. 17205 250 Ct. 29066
17 Cal (.172")	20 Gr. FB Tipped (Metallic Black Tip)	SD. 0.097	BC. 0.183	OAL. 0.555"	VMG PART#	100 Ct. 17210 250 Ct. 30531
204 Cal (.204")	32 Gr. FBHP	SD. 0.110	BC. 0.131	OAL. 0.515"	VMG PART#	100 Ct. 17215 250 Ct. 31075
204 Cal (.204")	32 Gr. FB Tipped (Metallic Black Tip)	SD. 0.110	BC. 0.204	OAL. 0.600"	VMG PART#	100 Ct. 17220 250 Ct. 32851
22 Cal (.224")	35 Gr. FB Tipped (Metallic Black Tip)	SD. 0.100	BC. 0.120	OAL. 0.520"	VMG PART#	100 Ct. 36763 250 Ct. 32572
22 Cal (.224")	40 Gr. FBHP	SD. 0.114	BC. 0.158	OAL. 0.565"	VMG PART#	100 Ct. 17225 250 Ct. 17255
22 Cal (.224")	40 Gr. FB Tipped (Metallic Black Tip)	SD. 0.114	BC. 0.211	OAL. 0.665"	VMG PART#	100 Ct. 17230 250 Ct. 17260
22 Cal (.224")	53 Gr. FB Tipped (Metallic Black Tip)	SD. 0.152	BC. 0.303	OAL. 0.830"	VMG PART#	100 Ct. 36523 250 Ct. 36524
22 Cal (.224")	55 Gr. FBHP	SD. 0.157	BC. 0.210	OAL. 0.700"	VMG PART#	100 Ct. 17235 250 Ct. 17265 500 Ct. 17290
22 Cal (.224")	55 Gr. FB Tipped (Metallic Black Tip)	SD. 0.157	BC. 0.255	OAL. 0.795"	VMG PART#	100 Ct. 17240 250 Ct. 17270 500 Ct. 17291
22 Cal (.224")	62 Gr. FBHP W/Cannelure	SD. 0.176	BC. 0.251	OAL. 0.770"	VMG PART#	100 Ct. 35631 250 Ct. 36522
6mm (.243")	55 Gr. FBHP	SD. 0.133	BC. 0.192	OAL. 0.665"	VMG PART#	100 Ct. 17245 250 Ct. 27054
6mm (.243")	55 Gr. FB Tipped (Metallic Black Tip)	SD. 0.133	BC. 0.252	OAL. 0.750"	VMG PART#	100 Ct. 17250 250 Ct. 28115
6mm (.243")	70 Gr. FB Tipped (Metallic Black Tip)	SD. 0.169	BC. 0.305	OAL. 0.875"	VMG PART#	100 Ct. 26123 250 Ct. 25075
6.5mm (.264")	90 Gr. FB Tipped (Metallic Black Tip)	SD. 0.184	BC. TBD	OAL. TBD	VMG PART#	NEW 100 Ct. 26129
30 Cal (.308")	110 Gr. FB Tipped (Metallic Black Tip)	SD. 0.166	BC. 0.293	OAL. 0.920"	VMG PART#	100 Ct. 34057
7.62x39 (.310")	123 Gr. FB Tipped (Metallic Black Tip)	SD. 0.183	BC. 0.304	OAL. 0.950"	VMG PART#	100 Ct. 34056

Also Available in Nosler Varmageddon Ammunition



VARMAGEDDON

VARMAGEDDON



LONG-RANGE BALLISTICS, STRUCTURAL INTEGRITY, AND EXPLOSIVE EXPANSION

The Ballistic Tip® Lead-Free™ (BTLF) is everything that varmint and predator hunters expect from a Ballistic Tip®, in a lead-free design. The flat-based, leadless bullet features Nosler's exclusive Fragmenting Copper Core™ Technology which exhibits immediate and rapid expansion, initiated by its metallic-colored polymer tip, at practical varmint shooting velocities of 1600 fps and above.

The BTLF™ can safely be used in all lead-free zones or shooting ranges that require non-magnetic bullets. Users can be confident of the same performance and quality that the Ballistic Tip® has made famous for more than 25 years.

- Metallic-Colored Polymer Tip
- Explosive Expansion
- Patented Fragmenting Copper Core™ Technology
- Certified For Use In All Non-Lead Zones



- 1 Unique Metallic- Colored Polymer Tip: Nestled in the jacket mouth is the streamlined polymer tip, color-coded by caliber.
- 2 Ultra-Thin Copper Jacket: Retains structural integrity at ultra-high velocities yet fragments completely upon impact
- 3 Fragmenting Copper Core: Allows rapid and absolute displacement of target
- 4 Flat Base: Ballistically engineered for ultra-high velocities and bench rest accuracy

BALLISTIC TIP
MUZZLE MZ LOADER

Due to high demand from muzzleloader enthusiasts, Nosler introduced the Jim Shockey Signature Series Ballistic Tip® MZ bullet in 2013. The Ballistic Tip® MZ was created to bring legendary Nosler® Ballistic Tip® rifle bullet accuracy and terminal performance to today's generation of high performance muzzleloading rifles. This new bullet is designed with an orange polymer tip and streamlined ogive to maximize effective shooting range. The polymer tip also assists in initiating bullet expansion upon target impact which is a signature of the Ballistic Tip® line. Created specifically for the lower velocities generated by muzzleloading rifles, the Ballistic Tip® MZ provides reliable expansion and deep penetration over a broad range of velocities.

- 1 Orange Polymer Tip: Maximizes effective range and initiates expansion.
- 2 Lead-Alloy Core: Engineered for balanced expansion.
- 3 Nosler Design: Designed for reliable expansion at muzzleloader velocities.



BTLF

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

GAME RECOMMENDATIONS
Deer, Bear, Elk, Moose, African Game

Pre-Packaged In 15 Count Blister Packs

BTMZ

204 Cal (.204")	32 Gr. Spitzer (Metallic Maroon Tip)	BTLF
SD. 0.110	BC. 0.228	OAL. 0.745"
PART#		100 Ct. 45140



22 Cal (.224")	35 Gr. Spitzer (Metallic Orange Tip)	BTLF
SD. 0.100	BC. 0.201	OAL. 0.730"
PART#		100 Ct. 45150



22 Cal (.224")	40 Gr. Spitzer (Metallic Orange Tip)	BTLF
SD. 0.114	BC. 0.220	OAL. 0.783"
PART#		100 Ct. 45160



22 Cal (.224")	50 Gr. Spitzer (Metallic Orange Tip)	BTLF
SD. 0.142	BC. 0.251	OAL. 0.900"
PART#		100 Ct. 45498



6mm (.243")	55 Gr. Spitzer (Metallic Purple Tip)	BTLF
SD. 0.133	BC. 0.288	OAL. 0.950"
PART#		100 Ct. 45170



Optimum Performance Velocity:

Minimum: 1600 fps (488mps) / Maximum: Unlimited



BTLF™ Bullets Loaded In Nosler® Trophy Grade™ Varmint Ammunition

Gel block test illustrates how the Ballistic Tip® Lead Free patented Fragmenting Copper Core™ technology results in complete fragmentation within the first 2 inches of penetration.



50 Cal (.500")	300 Gr. Spitzer	BTMZ
SD. 0.204	BC. 0.250	OAL. 0.960"
PART#		15 Ct. 50300



.458" Bullet

JIM SHOCKEY'S Signature Series

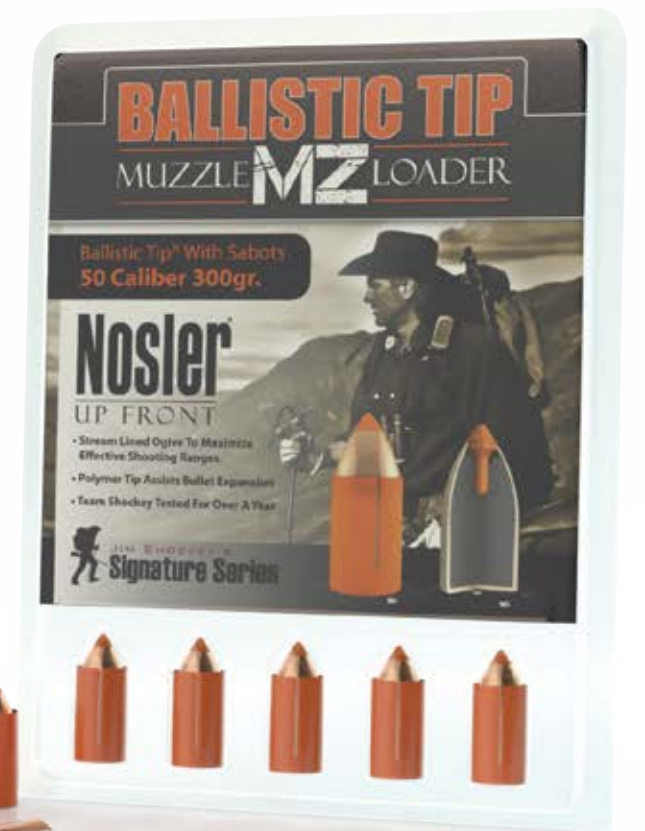
- Streamlined Ogive to Maximize Effective Shooting Ranges
- Polymer Tip Assists Bullet Expansion
- Pre-Packaged in 15-count Blister Packs
- .458" Diameter 300gr. Ballistic Tip® Packaged in 50 Caliber Sabot

Optimum Performance Velocity:

Minimum: 1200 fps / Maximum 1800 fps



.458" 300gr.
98% weight retention
1300 fps



BT MZ MZ LOADER

REDUCED DRAG FACTOR™
RDF



Nosler

For those wanting to squeeze the most performance from their competition rifle, Nosler's new RDF (Reduced Drag Factor) match bullet line is the ideal choice.

Nosler's RDF line was designed from the ground up to provide exceptionally high BCs, which create the flattest trajectory and least wind drift possible. The keys to the RDF's outstanding performance are Nosler's meticulously optimized compound ogive and long, drag reducing boattail, which make handloading a snap and create an incredibly sleek form factor. RDF bullets also have the smallest, most consistent meplats of any hollow point match bullet line, so there is no need to point or trim tips.

Highest B.C.'s, smallest meplat, tighter groups – Nosler RDF.



- 1 Very Small Meplat
-No trimming or Pointing required
- 2 Compound ogive is insensitive to seating depth
- 3 High BC for flatter trajectory and reduced wind drift

ULTRA-HIGH BC MATCH BULLETS

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient



COMPETITION PROJECTILES

RDF

22 Cal (.224")	70 Gr. HPBT	RDF	6.5mm (.264")	130 Gr. HPBT	RDF	30 Cal (.308")	175 Gr. HPBT	RDF
SD. 0.199	BC. 0.416	OAL. 0.965"	SD. 0.266	BC. 0.615	OAL. 1.333"	SD. 0.264	BC. 0.536	OAL. 1.330"
PART#			PART#			PART#		
100 Ct. 53066			100 Ct. 53505			100 Ct. 53170		
500 Ct. 53067			500 Ct. 54722			500 Ct. 53171		
G1 Ballistic Coefficient 0.416			G1 Ballistic Coefficient 0.615			G1 Ballistic Coefficient 0.536		
G7 Ballistic Coefficient 0.211			G7 Ballistic Coefficient 0.307			G7 Ballistic Coefficient 0.270		
22 Cal (.224")	77 Gr. HPBT NEW	RDF	6.5mm (.264")	140 Gr. HPBT	RDF	30 Cal (.308")	210 Gr. HPBT	RDF
SD. 0.219	BC. TBD	OAL. 1.070"	SD. 0.287	BC. 0.658	OAL. 1.420"	SD. 0.316	BC. TBD	OAL. 1.516"
PART#			PART#			PART#		
Requires a Minimum 1-8" Twist			100 Ct. 49824			100 Ct. 53434		
500 Ct. 54612			500 Ct. 49825			500 Ct. 53506		
G1 Ballistic Coefficient TBD			G1 Ballistic Coefficient 0.658			G1 Ballistic Coefficient TBD		
G7 Ballistic Coefficient TBD			G7 Ballistic Coefficient 0.330			G7 Ballistic Coefficient TBD		
22 Cal (.224")	85 Gr. HPBT	RDF	7mm (.284")	185 Gr. HPBT	RDF	338 Cal (.338")	300 Gr. HPBT NEW	RDF
SD. 0.242	BC. 0.498	OAL. 1.135"	SD. 0.328	BC. TBD	OAL. 1.540"	SD. 0.375	BC. TBD	OAL. TBD
PART#			PART#			PART#		
Requires a Minimum 1-8" Twist			100 Ct. 53432			100 Ct. 53445		
500 Ct. 54601			500 Ct. 53504					
G1 Ballistic Coefficient 0.498			G1 Ballistic Coefficient TBD			G1 Ballistic Coefficient TBD		
G7 Ballistic Coefficient 0.245			G7 Ballistic Coefficient TBD			G7 Ballistic Coefficient TBD		
6mm (.243")	105 Gr. HPBT	RDF	30 Cal (.308")	188 Gr. HPBT NEW	RDF			
SD. 0.254	BC. 0.571	OAL. 1.250"	SD. 0.253	BC. TBD	OAL. TBD			
PART#			PART#					
100 Ct. 53410			100 Ct. 53182					
500 Ct. 53411								
G1 Ballistic Coefficient 0.571			G1 Ballistic Coefficient TBD					
G7 Ballistic Coefficient 0.280			G7 Ballistic Coefficient TBD					



THE POINT

IS THE POINT

RDF BULLETS FEATURE THE SMALLEST MEPLAT OF ANY NON-TIPPED MATCH BULLET.

Nosler knows what gives competitive shooters an edge, isn't an edge at all. It's a point. And we've worked hard to bring you the smallest one ever—creating the flattest shooting match bullet on the market. Make the switch to RDF and put yourself on the podium.



CUSTOM COMPETITION[®]

MATCH BULLETS

Nosler[®] has blended the accuracy of its Custom Competition[®] bullet jackets with its own ultra-precise, lead-alloy cores to create the performance standard for match rifle and pistol bullets. The hollow point provides a small meplat for reduced drag and increased aerodynamic efficiency while the pronounced boat-tail design provides efficient flight characteristics over a wide range of velocities.

Try a box of Nosler[®] Custom Competition[®] bullets today and experience the match standard.



- 1 Hollow Point:**
Provides small meplat for reduced drag and increased aerodynamic efficiency.
- 2 Custom Quality Jacket:**
Engineered to exhibit unmatched accuracy.
- 3 Form-Fitted, Lead-Alloy Core:**
For maximum bullet stability and balance.
- 4 Pronounced Boat-Tail Design:**
Provides excellent flight characteristics over a range of velocities.

Nosler[®]

MATCH BULLETS FOR CONSISTENT PERFORMANCE

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

COMPETITION PROJECTILES



22 Cal (.224")	52 Gr. HPBT	CC	6.5mm (.264")	100 Gr. HPBT NEW	CC	30 Cal (.308")	168 Gr. HPBT	CC
SD. 0.148 BC. 0.220 OAL. 0.730"	PART#		SD. 0.205 BC. TBD OAL. TBD	PART#		SD. 0.253 BC. 0.462 OAL. 1.200"	PART#	
	100 Ct. 53294			100 Ct. 53427			100 Ct. 53164	
	250 Ct. 53335			250 Ct. 53430			250 Ct. 53168	
	1000 Ct. 59741			250 Ct. 53744			1000 Ct. 65934	
22 Cal (.224")	69 Gr. HPBT	CC	6.5mm (.264")	123 Gr. HPBT	CC	30 Cal (.308")	175 Gr. HPBT	CC
SD. 0.196 BC. 0.305 OAL. 0.900"	PART#		SD. 0.252 BC. 0.510 OAL. 1.200"	PART#		SD. 0.264 BC. 0.505 OAL. 1.240"	PART#	
Requires a Minimum 1-9" Twist	100 Ct. 17101			100 Ct. 53415			100 Ct. 53952	
	250 Ct. 53065			250 Ct. 53440			250 Ct. 53167	
	1000 Ct. 65823							
22 Cal (.224")	77 Gr. HPBT W/Cannelure	CC	6.5mm (.264")	140 Gr. HPBT	CC	30 Cal (.308")	190 Gr. HPBT	CC
SD. 0.219 BC. 0.340 OAL. 0.980"	PART#		SD. 0.287 BC. 0.529 OAL. 1.307"	PART#		SD. 0.286 BC. 0.530 OAL. 1.343"	PART#	
Requires a Minimum 1-8" Twist	250 Ct. 53033			100 Ct. 26725			100 Ct. 53412	
				250 Ct. 49823			250 Ct. 59156	
				1000 Ct. 50379			1000 Ct. 51268	
22 Cal (.224")	77 Gr. HPBT	CC	6.8mm (.277")	115 Gr. HPBT W/Cannelure	CC	30 Cal (.308")	220 Gr. HPBT	CC
SD. 0.219 BC. 0.340 OAL. 0.980"	PART#		SD. 0.214 BC. 0.375 OAL. 0.965"	PART#		SD. 0.331 BC. 0.690 OAL. 1.530"	PART#	
Requires a Minimum 1-8" Twist	100 Ct. 22421			100 Ct. 45357			100 Ct. 53154	
	250 Ct. 53064			250 Ct. 53846				
	1000 Ct. 19254							
22 Cal (.224")	80 Gr. HPBT	CC	7mm (.284")	168 Gr. HPBT	CC	8mm (.323")	200 Gr. HPBT	CC
SD. 0.228 BC. 0.415 OAL. 1.065"	PART#		SD. 0.298 BC. 0.520 OAL. 1.290"	PART#		SD. 0.274 BC. 0.520 OAL. 1.325"	PART#	
Requires a Minimum 1-8" Twist	100 Ct. 25116			100 Ct. 53418			100 Ct. 49524	
	250 Ct. 53080			250 Ct. 53425			250 Ct. 56543	
	1000 Ct. 49563							
6mm (.243")	107 Gr. HPBT	CC	30 Cal (.308")	155 Gr. HPBT	CC	338 Cal (.338")	300 Gr. HPBT	CC
SD. 0.259 BC. 0.525 OAL. 1.240"	PART#		SD. 0.233 BC. 0.450 OAL. 1.145"	PART#		SD. 0.375 BC. 0.800 OAL. 1.725"	PART#	
Requires a Minimum 1-8" Twist	100 Ct. 49742			100 Ct. 53155			100 Ct. 53515	
	250 Ct. 45425			250 Ct. 53169				
				1000 Ct. 45369				

9mm (.355")	147 Gr. JHP	CC
SD. 0.167 BC. 0.156 OAL. 1.120"	PART#	
	250 Ct. 43258	
45 Cal (.451")	185 Gr. JHP	CC
SD. 0.130 BC. 0.142 OAL. 0.530"	PART#	
	250 Ct. 44847	
	1000 Ct. 53264	

LOOKING FOR CONSISTENCY?

- Dedicated Machinery Means Uniform Consistency
- Production Lots Are Never Mixed
- Each Bullet is Visually Inspected
- Our Quality is Legendary!



SPORTING REVOLVER HANDGUN

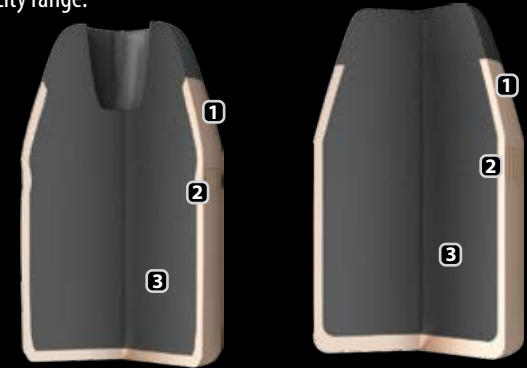
"Nosler Sporting Handgun bullets always meet my high expectations for consistency and accuracy. The performance I'm seeing with the 9mm-124gr Sporting Handgun bullets is nothing short of fantastic"

Ryan Fraker, Team 144 – Nosler Pro-Staff

1 Tapered Copper-Alloy Jacket:
Extremely concentric, tapered jacket is built for maximum accuracy and enhanced game-taking ability.

2 Well-Defined Cannelure:
Holds jacket and core together and permits a tight crimp that eliminates bullet movement within the case.

3 Form-Fitted Pure Lead Core:
Allows for reliable expansion and maximum accuracy across a broad velocity range.



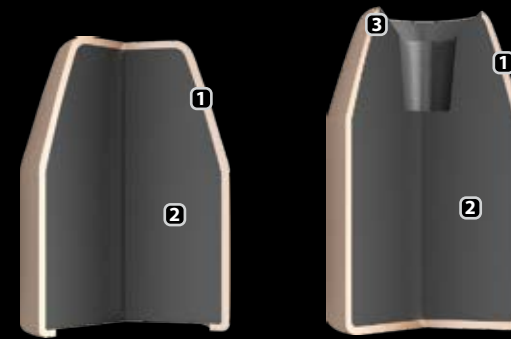
Jacketed Hollow Point JHP

Jacketed Soft Point JSP

1 Tapered Copper- Alloy Jacket:
Extremely concentric, tapered jacket is built for maximum accuracy and enhances game-taking ability.

2 Form-Fitted Pure Lead Core:
Allows for reliable expansion and maximum accuracy across a broad velocity range.

3 Jacket Mouth:
Jacket extends to mouth of Hollow Point for smooth, reliable feeding.



Full Metal Jacket FMJ

Jacketed Hollow Point JHP

SPORTING PISTOL HANDGUN

LOOKING FOR CONSISTENCY?

Whether you punch paper, shoot steel, or use your handgun for hunting, Nosler® ensures you have the very finest in accuracy, consistency and overall quality. Each bullet is produced on the most advanced, fully automated machinery and, like our premium rifle bullets, Nosler® visually inspects and then polishes all Sporting Handgun™ bullets to a bright finish.

- Dedicated Machinery Means Uniform Consistency
- Production Lots Are Never Mixed
- Each Bullet is Visually Inspected
- Our Quality is Legendary!

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

SPHG

38 Cal (.357")	158 Gr. JHP	REVOLVER	SPHG	44 Cal (.429")	300 Gr. JHP		SPHG
SD. 0.177	BC. 0.182	OAL. 0.775"	PART#	SD. 0.233	BC. 0.206	OAL. 0.976"	PART#
			250 Ct. 44841				100 Ct. 42069
41 Cal (.410")	210 Gr. JHP		SPHG	45 Colt (.451")	250 Gr. JHP		SPHG
SD. 0.178	BC. 0.170	OAL. 0.687"	PART#	SD. 0.176	BC. 0.177	OAL. 0.774"	PART#
			100 Ct. 43012				100 Ct. 43013
44 Cal (.429")	200 Gr. JHP		SPHG				
SD. 0.155	BC. 0.151	OAL. 0.610"	PART#				
			250 Ct. 44846				
44 Cal (.429")	240 Gr. JHP		SPHG				
SD. 0.186	BC. 0.173	OAL. 0.710"	PART#				
			250 Ct. 44842				
44 Cal (.429")	240 Gr. JSP		SPHG				
SD. 0.186	BC. 0.177	OAL. 0.700"	PART#				
			250 Ct. 44868				



9mm (.355")	115 Gr. JHP		SPHG	10mm (.400")	180 Gr. JHP		SPHG	45 Cal (.451")	230 Gr. JHP		SPHG
SD. 0.130	BC. 0.109	OAL. 0.511"	PART#	SD. 0.161	BC. 0.147	OAL. 0.620"	PART#	SD. 0.162	BC. 0.175	OAL. 0.635"	PART#
			250 Ct. 44848				250 Ct. 44885				250 Ct. 44922
9mm (.355")	124 Gr. JHP		SPHG	10mm (.400")	200 Gr. JHP		SPHG	45 Cal (.451")	230 Gr. FMJ		SPHG
SD. 0.141	BC. 0.118	OAL. 0.560"	PART#	SD. 0.179	BC. 0.163	OAL. 0.674"	PART#	SD. 0.162	BC. 0.183	OAL. 0.615"	PART#
			250 Ct. 43123				250 Ct. 44952				250 Ct. 44964
10mm (.400")	135 Gr. JHP		SPHG								
SD. 0.121	BC. 0.093	OAL. 0.494"	PART#								
			250 Ct. 44852								
10mm (.400")	150 Gr. JHP		SPHG								
SD. 0.134	BC. 0.106	OAL. 0.535"	PART#								
			250 Ct. 44860								



BRASS

“Build the perfect load” has long been the motto of handloaders loyal to Nosler brand bullets—and was the sole reason we developed Nosler® cartridge brass. Introduced in 2005, the Nosler® cartridge brass line is ready to load. Manufactured with the traditional Nosler philosophy of uncompromising attention to detail, Nosler® cartridge brass is created to exact dimensional standards and tolerances, using quality materials for maximum accuracy and consistency potential while extending case life. Nosler® brass also undergoes the rigorous quality control that premium Nosler bullets have experienced for over 60 years. Each piece of brass is completely prepped and ready to load. The case mouths have been chamfered and deburred. The flash holes are deburred and then checked for proper alignment. Each piece of brass is visually inspected at the factory and sealed in the box until you open them. Together, Nosler bullets and brass are the ingredients for the perfect load.

FULLY PREPPED, READY TO LOAD!

- Fully prepped, ready to load
- Case mouths are chamfered and deburred
- Nosler® Brass is hand-inspected and weight-sorted
- Flash holes are deburred and checked for proper alignment
- Quality made, Nosler® Brass is packaged in quantities of 25, 50 and 100 count boxes
- Each piece of brass is full length sized and trimmed to proper length

BULK BRASS

Nosler bulk brass was created for high-volume handloaders that want Nosler quality brass, but don't need it to be prepped. Nosler bulk brass is manufactured from the same materials and to the same tolerances as Nosler's prepped, boxed brass, but rather than being prepped, and weight-sorted, Nosler Bulk brass is bagged raw in 250ct. bags to provide you with the best raw materials for creating your perfect load. Brass should be full-length sized and trimmed to length before loading.

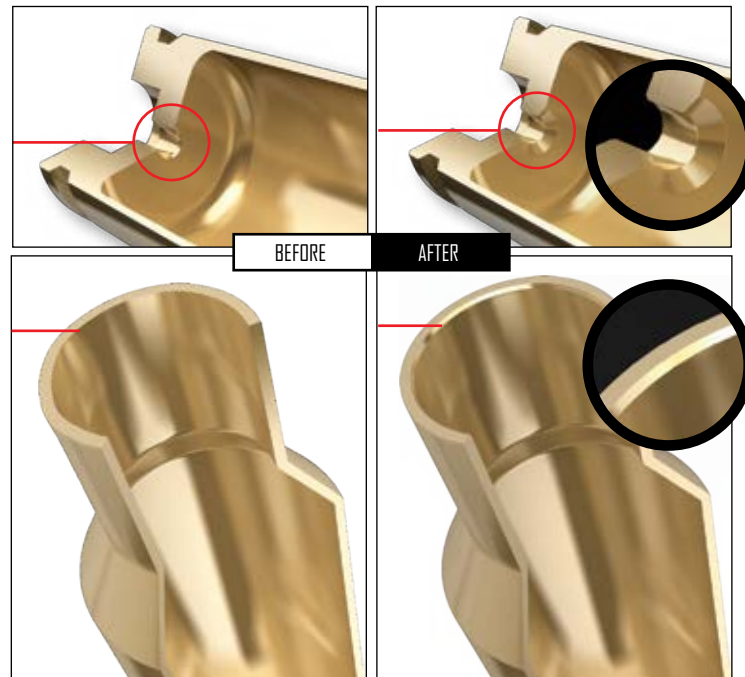


PREMIUM, UNPREPPED BRASS

Brass Appendix Detailed product information and offerings are in the appendix, located in the back of the catalog.

Brass Appendix Detailed product information and offerings are in the appendix, located in the back of the catalog.

Flash holes are deburred and checked for proper alignment



Case mouths are chamfered and deburred

NEW NOSLER BRASS OFFERINGS

24 Nosler 10085 100ct
6mm Creedmoor 10229 50ct



is completely prepped and ready to load. Case mouths are deburred and chamfered. Flash holes are deburred, and then checked for proper alignment. Every piece of brass is full-length sized, and then visually inspected to ensure that it is free from manufacturing flaws or blemishes. Each box of brass is weight-sorted so that every piece in a box is weight-matched within (+/-) 1/2 grain. Nosler cartridge brass comes packaged in boxes of 25, 50 or 100 pieces.

- FULL-LENGTH SIZE BEFORE LOADING.
- NON WEIGHT-SORTED.

Nosler Bulk Brass		
Cartridge	Qty.	Part #
204 Ruger	250 ct.	10057
22 Hornet	250 ct.	10066
223 Remington	250 ct.	10099
222 Rem Mag	250 ct.	10059
22 Nosler	250 ct.	10068
6.8 SPC	100 ct.	10182
300 AAC Blackout	100 ct.	45124
30-30 Winchester	100 ct.	10082

NEW NOSLER BULK BRASS OFFERINGS

24 Nosler 10077 250ct
6mm Creedmoor 10192 100ct
7.62x39 10193 100ct
260 Rem 11355 100ct



TROPHY GRADE™ AMMUNITION



Manufactured to Nosler's strict quality standards, Trophy Grade™ ammunition uses Nosler® Brass and Nosler® bullets to attain optimum performance, no matter where your hunting trip takes you. Whether you want your ammunition loaded with AccuBond®, Partition®, AB-LR®, Ballistic Tip® or , E-Tip®, Nosler® Trophy Grade Ammunition will have the right load for the right game.

The Nosler ballistics team, long respected in the hunting and shooting industry for reliable and precise reloading data, is the driving force behind Nosler® Trophy Grade™ Ammunition. Trophy Grade Ammunition brings Nosler's unsurpassed quality standards in accuracy and consistency directly to the shelf of your favorite gunshop or outdoor retailer.

- Cases checked for correct length
- Necks sized, chamfered and trued
- Flash holes checked for proper alignment
- Powder charges are meticulously weighed
- Finished rounds are visually inspected and polished
- High-performance powder and bullet combinations

Nosler



Photo courtesy of Michael Parente

Ammunition Appendix Detailed product information and offerings are in the appendix, located in the back of the catalog.

TROPHY GRADE™ OFFERINGS

223 Remington	26 Nosler	30-06 Springfield	338 Winchester Mag.
22-250 Remington	270 Winchester	300 SAUM	338 RUM
243 Winchester	270 WSM	300 WSM	340 Weatherby Mag.
6mm Creedmoor	280 Remington	300 Winchester Mag.	338 Lapua Mag.
25-06 Remington	7mm-08 Remington	300 H&H Mag.	33 Nosler
257 Roberts +P	7x57 Mauser	300 RUM	35 Whelen
257 Weatherby Mag.	280 Ackley Improved	300 Weatherby Mag.	9.3x62 Mauser
6.5x55 Swedish	7mm SAUM	30 Nosler	375 H&H Mag.
260 Remington	7mm Remington Mag.	30-378 Weatherby Mag.	416 Remington
6.5 Creedmoor	7mm STW	325 WSM	
6.5 Grendel	7mm RUM		
264 Winchester Mag.	28 Nosler		
6.5-284 Norma	308 Winchester		

TROPHY GRADE™ VARMINT OFFERINGS

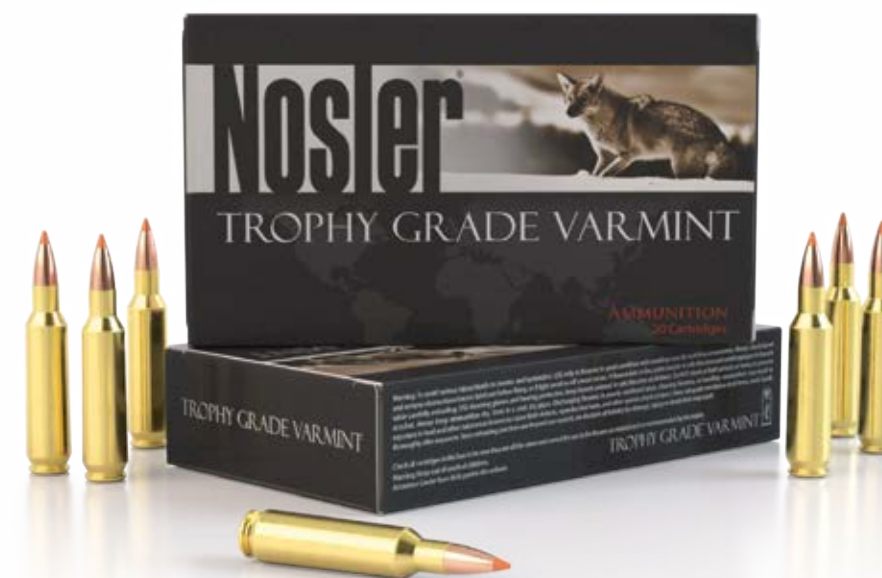
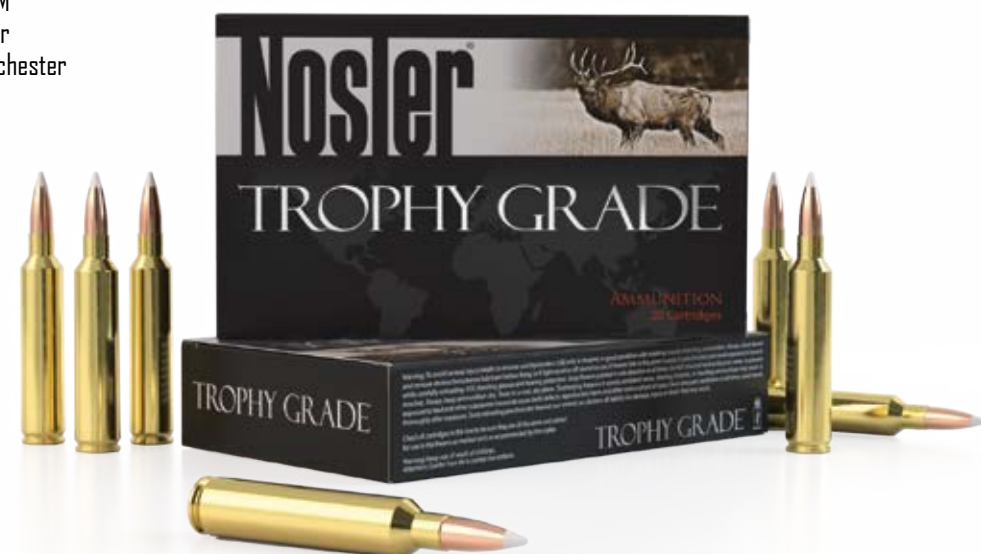
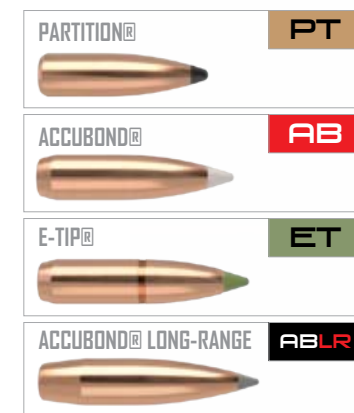
204 Ruger	22-250 Remington
223 Remington	220 Swift
22 Nosler	

Trophy Grade™ VARMINT Ammunition consists of the venerable Ballistic Tip® VARMINT bullet or the frangible Ballistic Tip® Lead Free™ loaded in Nosler® Brass.

Loaded With Nosler® Bullets



Loaded With Nosler® Bullets



TROPHY GRADE

TROPHY GRADE

- Nosler[®] Ballistic Tip[®] ammunition is loaded up front with the accurate and reliable, Nosler[®] Ballistic Tip[®] Bullet.
- Bullet weights and muzzle velocities are optimized for maximum effectiveness on Deer, Antelope, and Hogs
- Every round is visually inspected prior to packaging
- The 7mm-120gr and 30-125gr Ballistic Tip[®] bullets are designed with slightly thicker jackets to withstand higher impact velocities and excellent terminal performance. These light for caliber bullets provide higher velocity, less recoil and massive energy transfer.



BULLET INFORMATION

Over 30 years of continual improvement, design refinement, and manufacturing expertise make the Ballistic Tip[®] Hunting bullet, the best choice for America's most popular game.

- Tapered bullet jacket controls expansion for the ideal balance of penetration and energy transfer.
- Proven track-record of accuracy and game-killing terminal performance.



Photo courtesy of Dangersoup

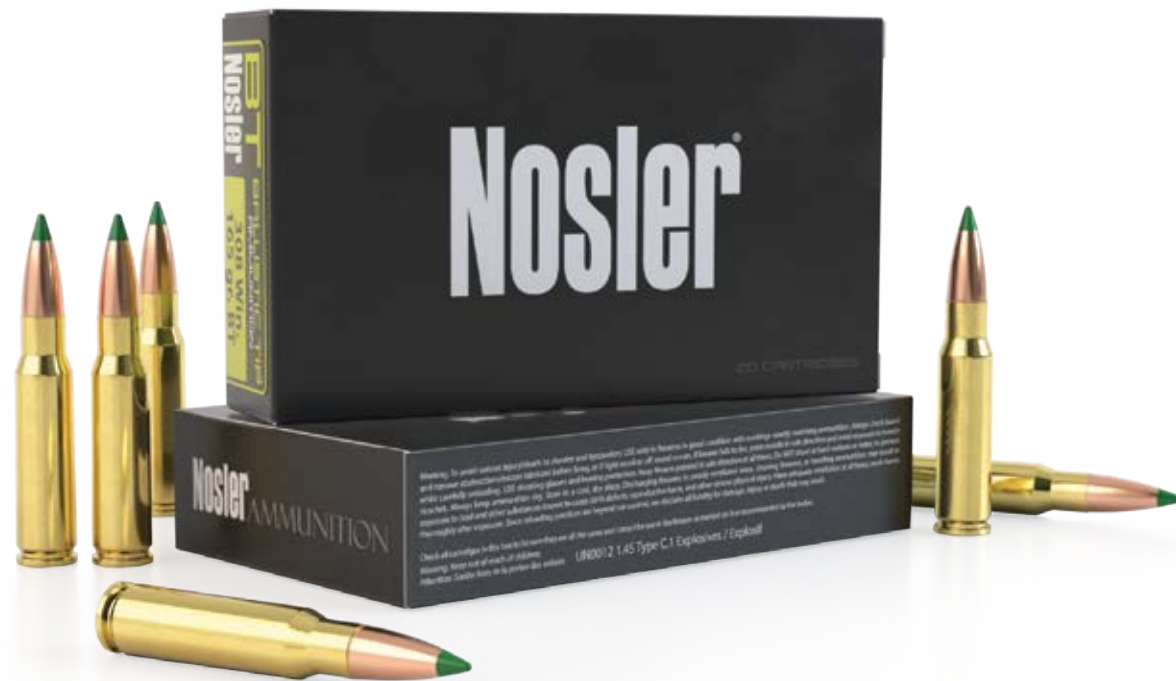
Ammunition Appendix Detailed product information and offerings are in the appendix, located in the back of the catalog.

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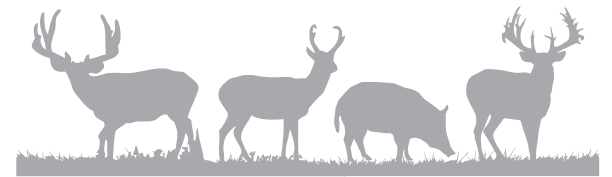
BALLISTIC TIP[®] AMMUNITION OFFERINGS

243 Winchester	7mm Remington	7.62x39
6mm Creedmoor	7mm-08 Remington	30/30 Winchester
25-06	7mm-08 Remington	308 Winchester
6.5 Creedmoor	280 Remington	30-06 Spfd.
260 Remington	280 Ackley Improved	300 Winchester Mag
270 Winchester		

Loaded With Nosler[®] Bullets

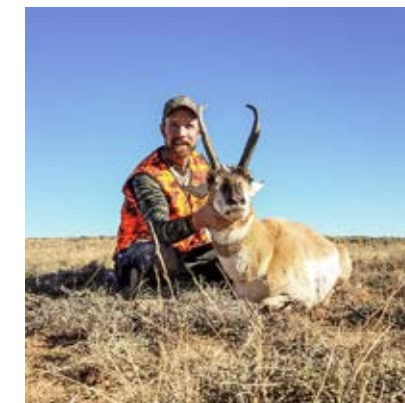
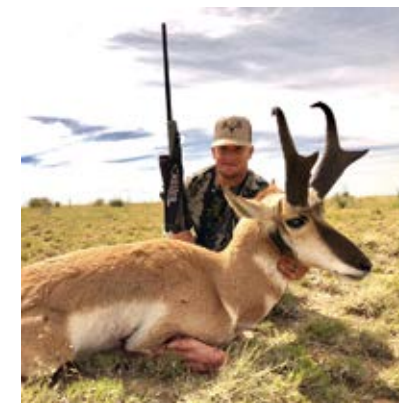


- 1 Nosler Ballistic Tip[®]:** Streamlined polymer tip, color-coded by caliber, resists deformation in the magazine and initiates expansion upon impact.
- 2 Fully-Tapered Jacket and Special Lead-Alloy Core:** Allows controlled expansion and optimum weight retention at all practical velocity levels. The heavy jacketed base prevents bullet deformation during firing.
- 3 Heavy Jacketed Base:** Acts as a platform for large-diameter mushroom.
- 4 Ballistically Engineered Solid Base[®]:** Boat tail configuration combines with the streamlined polymer tip for extreme long-range performance and for easier loading.



TIP COLOR BY CALIBER

6MM	7MM
6.5MM	30 CAL
270 CAL	



E-TIP[®]

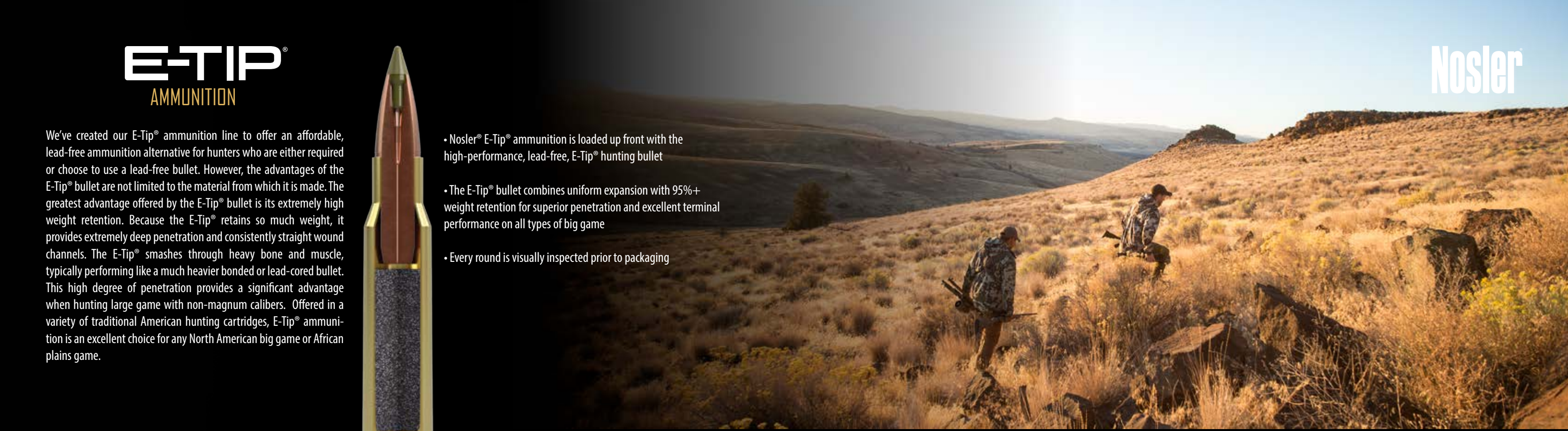
AMMUNITION

We've created our E-Tip[®] ammunition line to offer an affordable, lead-free ammunition alternative for hunters who are either required or choose to use a lead-free bullet. However, the advantages of the E-Tip[®] bullet are not limited to the material from which it is made. The greatest advantage offered by the E-Tip[®] bullet is its extremely high weight retention. Because the E-Tip[®] retains so much weight, it provides extremely deep penetration and consistently straight wound channels. The E-Tip[®] smashes through heavy bone and muscle, typically performing like a much heavier bonded or lead-cored bullet. This high degree of penetration provides a significant advantage when hunting large game with non-magnum calibers. Offered in a variety of traditional American hunting cartridges, E-Tip[®] ammunition is an excellent choice for any North American big game or African plains game.



- Nosler[®] E-Tip[®] ammunition is loaded up front with the high-performance, lead-free, E-Tip[®] hunting bullet
- The E-Tip[®] bullet combines uniform expansion with 95%+ weight retention for superior penetration and excellent terminal performance on all types of big game
- Every round is visually inspected prior to packaging

Nosler



Ammunition Appendix Detailed product information and offerings are in the appendix, located in the back of the catalog.

ET

E-TIP AMMUNITION OFFERINGS

22 Nosler 55gr	270 Winchester	7mm Rem Mag	8x57 JS Mauser
243 Winchester	7mm-08 Rem	28 Nosler	33 Nosler
25-06	7x57 Mauser	300 BLK	9.3x62
6.5 Creedmoor	280 Rem	30 Nosler	375 H&H
26 Nosler	280 AI	7.62x39	



E-TIP[®]

EXPANSION TIP



GAME RECOMMENDATIONS

Any Game Depending On Caliber

- 1 Signature OD Green Polymer Tip:** Nosler's advanced polymer tip initiates expansion while delivering unsurpassed penetration and weight retention.
- 2 E² Cavity™:** The exclusive Energy Expansion Cavity™ provides a dual-expansion chamber for amazing stopping power and uniform expansion with 95%+ weight retention for superior penetration.
- 3 Solid Copper-Alloy Construction:** Nosler's one-piece design meets all "lead-free" hunting regulations without sacrificing performance.
- 4 Boat-Tail Design:** Boat-tail configuration combines with the streamlined polymer tip for extreme long-range performance and for easier loading.

Loaded With Nosler[®] Bullets



Uniform Expansion With 95%+ Weight Retention For Superior Penetration

Optimum Performance Velocity:

Minimum: 1800 fps (549 mps)

Maximum: Unlimited

30 Cal 168gr

1800 FPS
98% WR



2400 FPS
98% WR



3050 FPS
98% WR



800.285.3701

MATCH GRADE™ AMMUNITION

RIFLE

Nosler® Match Grade™ Ammunition consists of Nosler's precisely-designed Custom Competition® and Ballistic Tip® bullets along with Nosler® Brass. Because of Nosler's unsurpassed quality standards, each piece of brass is checked for correct length, neck-sized, chamfered, trued and flash holes are checked for proper alignment. To further ensure our reputation for quality and consistency, powder charges are meticulously weighed and finished rounds are visually inspected and polished.

HANDGUN

Manufactured to Nosler's strict quality standards, Match Grade™ ammunition uses Nosler® Brass and Nosler® Sporting Handgun™ bullets to attain optimum performance.



RDF MATCH GRADE™ AMMUNITION

Match Grade-RDF ammunition brings all of the ballistic advantages of the RDF bullet line to loaded ammunition. Designed specifically for long range competition, the RDF bullets feature highest in class BC's and incredibly small meplats for consistent precision and flat trajectory at long range. Loaded in premium Nosler brass, Match Grade-RDF ammunition is carefully loaded with precise, high-performance powder charges for accuracy and consistency that competitors can depend on.

Nosler



Ammunition Appendix Detailed product information and offerings are in the appendix, located in the back of the catalog.

NOSLER MATCH GRADE™ RIFLE OFFERINGS

223 Remington	6.5-284 Norma	308 Winchester
22 Nosler	28 Nosler	30 Nosler
6.5 Creedmoor	28 Nosler	338 Lapua Magnum
6.5 Grendel	300 AAC Blackout	33 Nosler

Loaded With Nosler® Bullets

BALLISTIC TIP® VARMINT	BTV
BALLISTIC TIP®	BT
CUSTOM COMPETITION®	CC

NOSLER MATCH GRADE™ HANDGUN OFFERINGS

9mm	10mm	40 S&W	45 ACP
-----	------	--------	--------

Loaded With Nosler® Bullets

SPORTING HANDGUN	SPHG
CUSTOM COMPETITION®	CC

Available in 20ct. and 50ct. boxes



MATCH GRADE RDF AMMUNITION

223 Remington	260 Remington
22 Nosler	28 Nosler
6mm Creedmoor	308 Winchester
6.5 Creedmoor	300 Winchester Mag

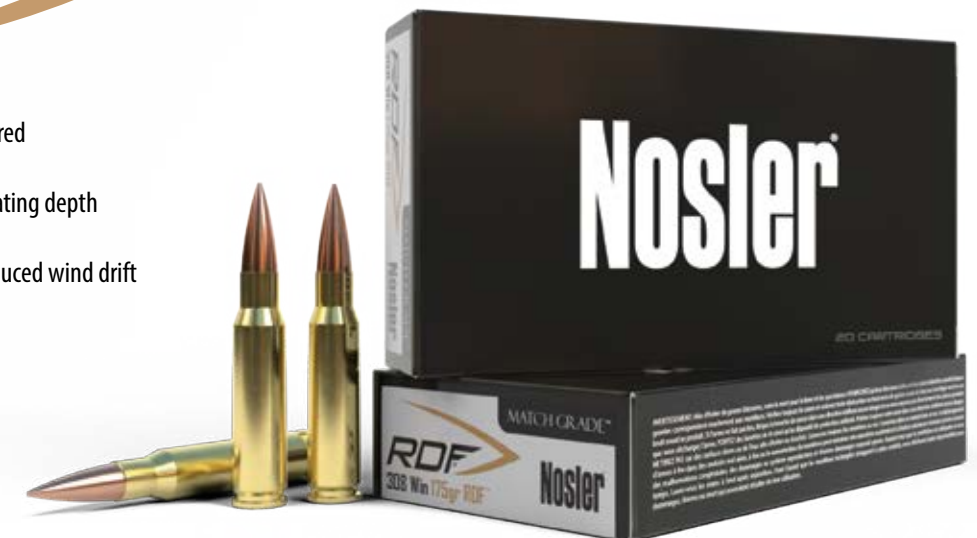


- Very Small Meplat
-No trimming or Pointing required
- Compound ogive is insensitive to seating depth
- High BC for flatter trajectory and reduced wind drift

Loaded With Nosler® Bullets

RDF	RDF
-----	------------

- High-performance powder and bullet combinations
- Loaded with Nosler® RDF®, Custom Competition® and Sporting Handgun™ bullets
- Loaded in Nosler® headstamped brass
- Dedicated bullet machinery means uniform consistency
- Each round is visually inspected





Nosler's Varmageddon® line of loaded ammunition and component bullets. Featuring a highly accurate polymer tip or hollow point combined with a flat base design, Varmageddon® products were created for the high-volume varmint shooter who requires the utmost precision. Loaded with Nosler® brass, Varmageddon® ammunition provides the highest levels of performance for any varmint hunter.



- Cases checked for correct length
- Necks sized, chamfered and trued
- Flash holes checked for proper alignment
- Powder charges are meticulously weighed
- Finished rounds are visually inspected and polished
- High-performance powder and bullet combinations

Nosler



Ammunition Appendix Detailed product information and offerings are in the appendix, located in the back of the catalog.

VARMAGEDDON® OFFERINGS

- | | | |
|-------------------|------------------|------------------|
| 17 Remington | 22-250 Remington | 300 AAC Blackout |
| 204 Ruger | 243 Winchester | 308 Winchester |
| 22 Hornet | 6mm Creedmoor | |
| 221 Rem. Fireball | 6.5 Creedmoor | |
| 222 Remington | 6.5 Grendel | |
| 223 Remington | | |
| 22 Nosler | | |



Varmageddon bullets are made with a lead-alloy core and feature a copper-alloy jacket designed to withstand high velocities yet expand immediately upon impact. Varmageddon bullets are manufactured using a highly efficient process, providing legendary Nosler quality and accuracy at an economical price.



Available in Tipped or Hollow Point Design

- 1 Hollow Point: Designed for optimum flight and expansion characteristics
- 2 Metallic Black Polymer Tip: Nestled in the jacket mouth is the streamlined polymer tip.
- 3 Ultra-Thin Jacket Mouth: Assures violent expansion at either end of the velocity scale.
- 4 Varmint Jacket Wall Design: The uniform, gradual thickening at the bullet's mid-section is designed to keep the Varmageddon® together until impact-at any velocity.
- 5 Flat Base: Bench rest accuracy out of a varmint bullet.

- **Ultra-Thin Jacket**
- **Nosler Proven Accuracy**
- **Special Lead-Alloy Core**
- **Flat-Base Design**



VARMAGEDDON

VARMAGEDDON

HANDGUN AMMUNITION

Nosler® DEFENSE™ handgun ammunition is loaded up front with the Bonded PERFORMANCE® line of bonded-core defense bullets. Available in either jacketed hollow point, or polymer-tipped configuration, and featuring proven AccuBond® bonding technology, Bonded PERFORMANCE® bullets are designed for high weight retention and maximum barrier penetration. Constructed with a

tapered jacket and specially engineered core, Bonded PERFORMANCE® bullets exhibit predictable expansion and straight-line penetration in a variety of media. Loaded with high-performance powder charges in Nosler® brass, every round of Nosler® DEFENSE™ ammunition is visually inspected to ensure reliability. Professionals trust their next move to Nosler® DEFENSE™

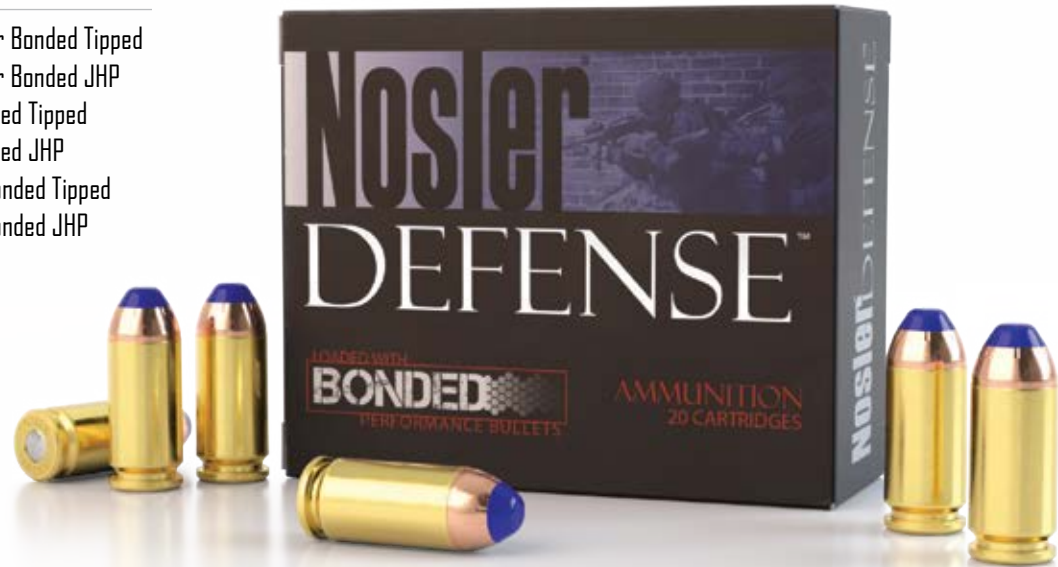


- High-performance powder and bullet combinations
- Each round is visually inspected
- Bonded for maximum performance

Ammunition Appendix Detailed product information and offerings are in the appendix, located in the back of the catalog.

DEFENSE HANDGUN OFFERINGS

- 9mm Luger +P 124gr Bonded Tipped
- 9mm Luger +P 124gr Bonded JHP
- 40 S&W 200gr Bonded Tipped
- 40 S&W 200gr Bonded JHP
- 45 ACP +P 230gr Bonded Tipped
- 45 ACP +P 230gr Bonded JHP



- Proven AccuBond® bonding technology for high weight retention and maximum barrier penetration.
- Tapered jacket and specially engineered core, for predictable expansion and straight-line penetration.
- Internal and external skives at the jacket mouth for consistent, symmetrical expansion.
- Polymer tip resists clogging and aides in smooth, reliable feeding.
- Traditional hollow point for rapid expansion and energy transfer.
- Loaded with high-performance powder charges in Nosler® brass, every round is visually inspected to ensure reliability.



9mm +P 124gr. Bonded Performance® JHP #38432 M.V. 1200fps	Bare Gelatin		Heavy Clothing			
		Expansion	0.614"		Expansion	0.610"
		Retained Wt	124gr.		Retained Wt	124gr.
	Penetration		Penetration			
	10.25"		10.75"			

	Steel			Wallboard			Plywood			Auto Glass	
	Expansion	0.553"		Expansion	0.451"		Expansion	0.366"		Expansion	0.569"
	Retained Wt	123gr.		Retained Wt	124gr.		Retained Wt	124gr.		Retained Wt	99.4gr.
Penetration		Penetration		Penetration		Penetration					
15.00"		17.00"		22.00"		11.50"					

RIFLE AMMUNITION

Nosler® DEFENSE™ Rifle ammunition is loaded up front with the Bonded PERFORMANCE®, Bonded Solid Base® bullet. The Bonded Solid Base® bullet features a Protected Point design for reliable feeding in all action types. The tapered jacket controls expansion while the AccuBond® bonding process prevents fragmentation and guarantees high weight retention for predictable expansion and straight-line penetration in a variety of media. Loaded with high-performance powder charges in Nosler® brass, every round of Nosler® DEFENSE™ ammunition is visually inspected to ensure reliability. Professionals trust their next move to Nosler® DEFENSE™



- Proven AccuBond® bonding technology for high weight retention and maximum barrier penetration.
- Tapered jacket and specially engineered core, for predictable expansion and straight-line penetration.
- Loaded with high-performance powder charges in Nosler® brass, every round is visually inspected to ensure reliability.

Nosler® DEFENSE™ rifle ammunition is loaded up front with the Bonded PERFORMANCE® bullet that is designed for 90% weight retention, minimal deflection and true, straight-line penetration.

Nosler® DEFENSE™ rifle ammunition is packaged in 20 count boxes and is loaded to the strictest of tolerances for maximum accuracy, consistency and dependability.



Ammunition Appendix Detailed product information and offerings are in the appendix, located in the back of the catalog.

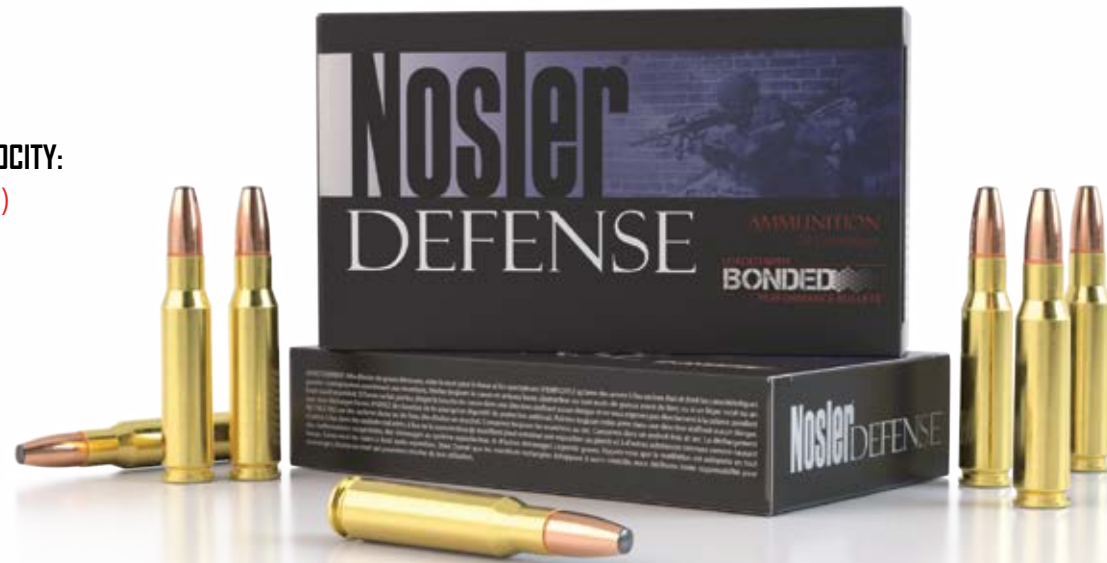
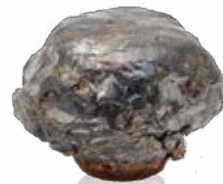
DEFENSE RIFLE OFFERINGS

- 223 Remington 64gr. Bonded Solid Base®
- 308 Win.168gr. Bonded Solid Base®

OPTIMUM PERFORMANCE VELOCITY:

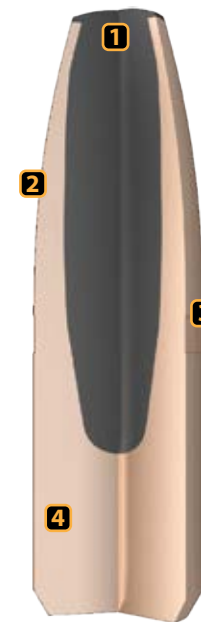
Minimum: 1600 fps (487 mps)
Maximum: Unlimited

30cal 168gr.
99% weight retention
2680 fps



BONDED PERFORMANCE®

- Protected Point Design:**
Ensures reliable feeding in both bolt action and semi-automatic platforms.
- AccuBond® Bonding Process:**
Welds the copper jacket to the lead core to prevent core/jacket separation for maximized weight retention.
- Well-Defined Cannelure:**
Permits a tight crimp that eliminates bullet movement within the case during recoil, ensuring reliable feeding in semi-automatic rifles.
- Solid Base®:**
Solid Base® construction ensures straight-line penetration.



OPTIMUM PERFORMANCE VELOCITY:

Minimum: 1600 fps (487 mps)
Maximum: Unlimited

30 Cal 168gr



223 Remington 64gr. Bonded Solid Base #39674 M.V. 2750fps		Bare Gelatin			Heavy Clothing	
		Expansion	0.479"		Expansion	0.485"
		Retained Wt	64gr.	Retained Wt	64gr.	
		Penetration	23.25"	Penetration	21.00"	

	Steel			Wallboard			Plywood			Auto Glass	
	Expansion	0.489"		Expansion	0.538"		Expansion	0.535"		Expansion	0.330"
	Retained Wt	54gr.	Retained Wt	63.9gr.	Retained Wt	64gr.	Retained Wt	37.4gr.			
	Penetration	17.75"	Penetration	23.00"	Penetration	22.50"	Penetration	16.25"			

SAFARI™ AMMUNITION

For years, hunters around the globe have relied on the quality and consistency of Nosler bullets. That same quality and consistency is now available in both 10 and 20 round boxes of Nosler Safari Ammunition. Loaded with either the Partition® or Nosler Solid™ and designed for the same point of impact with either bullet, Nosler Safari Ammunition provides the ultimate versatility for any dangerous game situation.



- Cases checked for correct length
- Necks sized, chamfered and trued
- Flash holes checked for proper alignment
- Powder charges are meticulously weighed
- Finished rounds are visually inspected and polished
- High-performance powder and bullet combinations
- Nickel Plated Cases

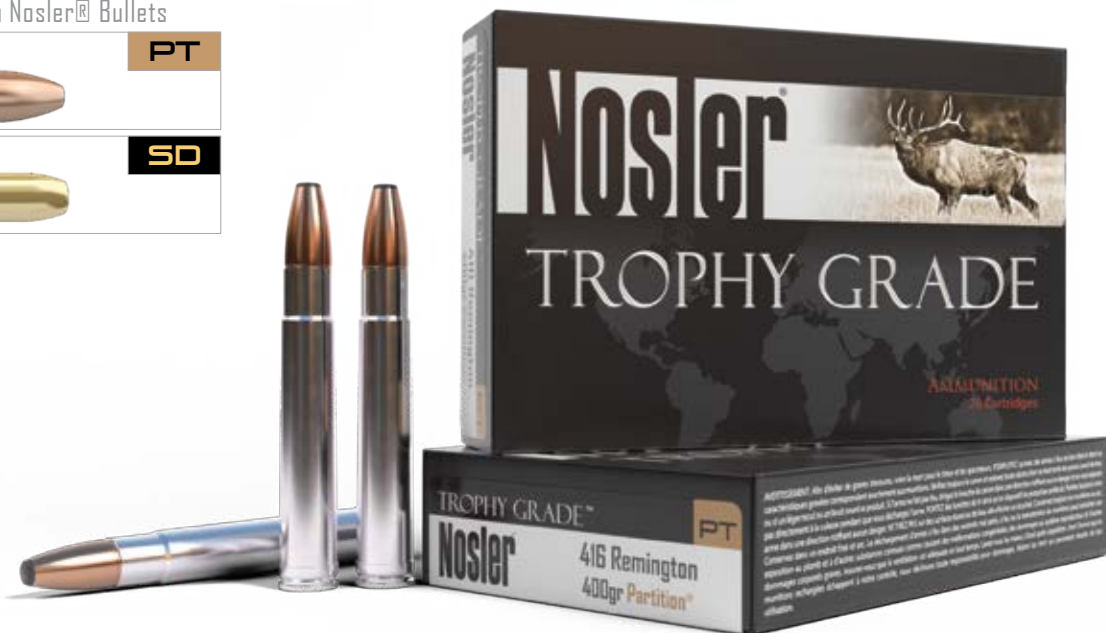
Nosler

DANGEROUS GAME

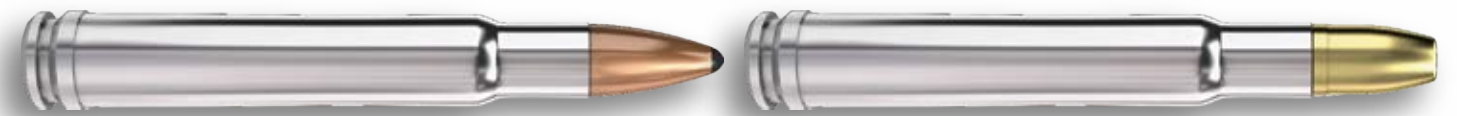
SAFARI™ OFFERINGS

- | | | | |
|----------------|-----------------------|-----------------------|-------------------|
| 9.3x62 Mauser | 416 Remington Magnum | 470 Nitro Express | 500 Nitro Express |
| 375 Flanged | 416 Rigby | 450 Rigby | 505 Gibbs |
| 375 H&H Magnum | 458 Winchester Magnum | 500/416 Nitro Express | |
| 404 Jeffery | 458 Lott | 500 Jeffery | |

Loaded With Nosler® Bullets



SAME POINT OF IMPACT



NoslerCustom[®] AMMUNITION

At Nosler[®], we've been custom-loading ammunition for years; not for sale, but for our own personal hunts and daily production testing. For over 60 years, our team has known what it takes to make ammunition that is not only accurate but consistent.

- Cases checked for correct length
- Necks sized and chamfered for proper alignment
- Powder charges are meticulously weighed
- Finished rounds are visually inspected and polished
- Loaded rounds are hand-packaged in hard plastic boxes with all performance data printed on the label
- Ammunition box labels can be personalized with customer's name or information at no additional cost
- Custom label printing only available from Nosler.com
- All rounds are hand-loaded by Nosler ballisticians
- Small, precisely-built runs of hand-loaded ammunition

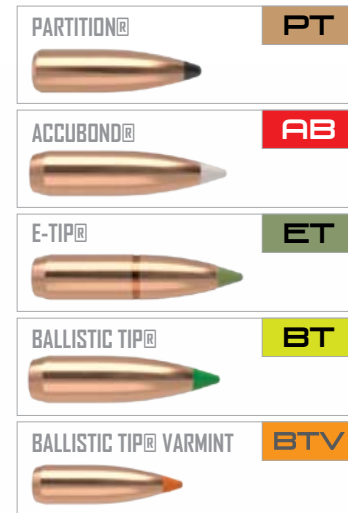


Nosler



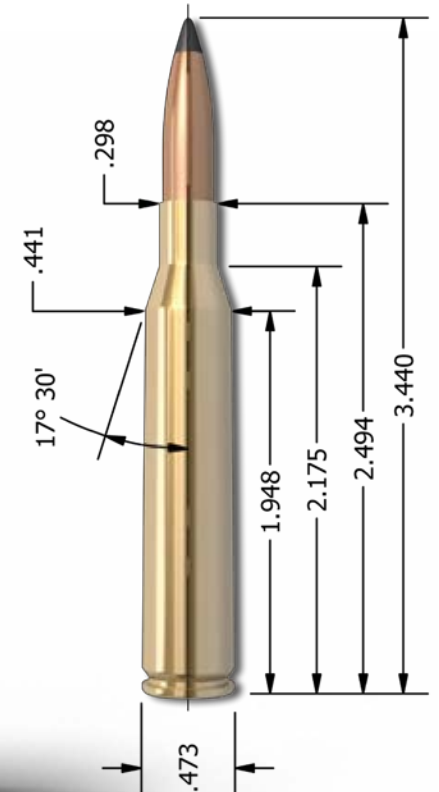
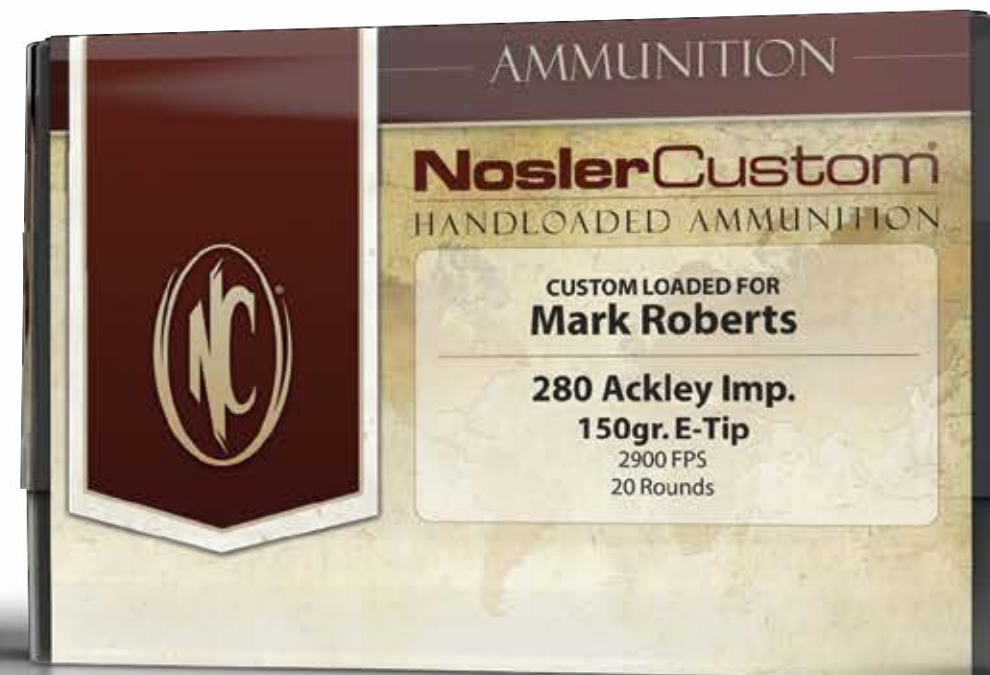
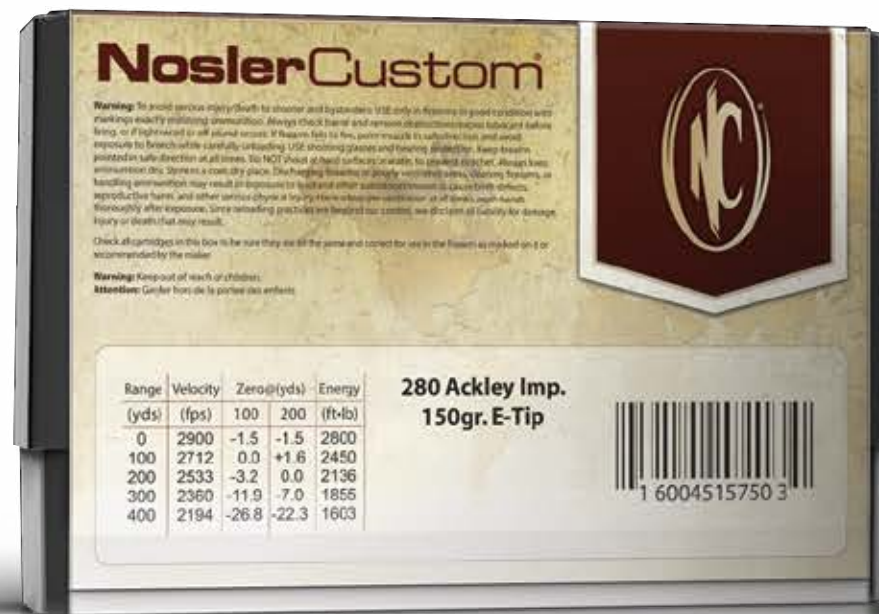
Ammunition Appendix Detailed product information and offerings are in the appendix, located in the back of the catalog.

Loaded With Nosler[®] Bullets



Nosler's ballisticians are expert handloaders. It's their expertise that goes into the making of NoslerCustom[®] Ammunition. It's not just knowledge and special attention that sets this ammunition apart. The key is that we are combining the very best components, in the exact amounts, with decades of practical, hands-on experience. The result is a custom load that can bring you a new level of consistency.

AVAILABLE EXCLUSIVELY FROM MIDWAYUSA OR NOSLER.COM



NOVESKE

AMMUNITION

John Noveske always dreamed of creating a line of high quality ammunition tuned to his rifles. A line of ammunition so good that it squeezes every bit of performance out of a rifle while also providing maximum terminal ballistics downrange. John's dream is now a reality. Noveske signature ammunition, manufactured by Nosler, is the ultimate option for semi-automatic rifles. Loaded with a variety of Nosler bullets, Noveske ammunition is perfectly suited for the important mission at hand. Get the performance your rifle deserves.



- Ballistic Glow Tip®, glows in the dark after being charged by the sun or artificial light.
- Loaded with Nosler® Varmageddon® or Ballistic Tip® bullets for accuracy and consistent terminal performance.
- Both bullet and case are plated with Tacti-Black® nickel for stealthy-smooth cycling and because it looks badass.
- Specifically tuned for Noveske rifles and other semi-automatic firearms.
- Loaded in Noveske headstamped, brass cases.
- Made in the USA

Nosler



Ammunition Appendix Detailed product information and offerings are in the appendix, located in the back of the catalog.

NOVESKE AMMUNITION OFFERINGS

5.56

5.56 60gr Ballistic Glow Tip™



300 AAC BLACKOUT

300 AAC Blackout 220gr Ballistic Glow Tip™



7.62X51

7.62x51 168gr Ballistic Glow Tip™



BALLISTIC GLOW TIP



Impact Velocity 1000fps
Penetration: 18"
Weight Retention: 93%
2x Expansion



TACTI-BLACK® NICKEL PLATING FOR SMOOTH FEEDING



Tacti-Black® Is A Trademark Of Advanced Plating Technologies



SSA ammunition by Nosler is tuned specifically for use in semi-automatic firearms chambered in 5.56, 6.8 Remington SPC, 300 AAC Blackout, 308 Winchester and the Granddaddy of them all, 30-06 M1 Garand. Loaded to pressures that reliably cycle semi-auto's for maximum dependability, SSA ammunition is now exclusively loaded up front with Nosler bullets for unparalleled down range performance. Whether shooting on the range, in the field, law enforcement or defense, operators depend on their ammunition to function as designed with every trigger pull. SSA ammunition was created, designed and assembled with this in mind so it can be trusted as the right tool for the job.

- Brass cases loaded with premium Nosler® bullets.
- Powders and charge weights selected for reliable performance in semi-automatic firearms.
- Engineered to provide the ultimate accuracy and performance from your rifle.
- Loaded rounds are visually inspected.
- Made in the USA

NOSLER BULK QUANTITY AMMO CANS

Designed for high-volume shooters, our Nosler branded ammo cans are packed with hundreds of rounds of your favorite ammunition and offered at an incredible price. Each heavy-duty, US-made, ammo can comes with the Nosler bullet logo molded into the lid and features a weather-resistant seal. These ammo cans are perfect for storing shooting gear, brass, reloads, or more ammo. Save time and money by buying Nosler ammunition in bulk.



Ammunition Appendix Detailed product information and offerings are in the appendix, located in the back of the catalog.

SSA AMMUNITION OFFERINGS

5.56 NATO 63gr. Soft Point 77gr. Custom Competition®	6.8 Rem SPC 85gr. E-Tip® 90gr. Bonded Solid Base® 110gr. Soft Point 110gr. AccuBand® 115gr. Custom Competition®	300 AAC Blackout 220gr. Ballistic Tip®	30-06 Spfd. 155gr. Custom Competition®
	308 Win 168gr. Custom Competition® 175gr. Custom Competition®		

Loaded With Nosler® Bullets

CUSTOM COMPETITION®	CC
ACCUBOND®	AB
E-TIP®	ET
BONDED SOLID BASE	BSB
BALLISTIC TIP®	BT



Load Up On Your Favorite Nosler Ammunition With Bulk Quantity Ammo Cans

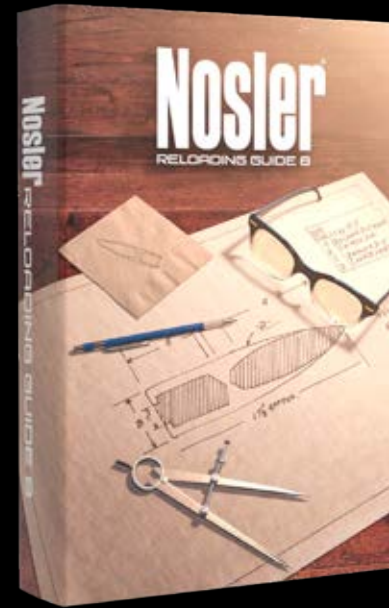
OFFERINGS

22 Nosler 77gr CC MGA 300ct Can	60137
5.56 55gr BT SSA 300ct Can	69604
6.8 SPC 115gr CC SSA 300ct Can	69363
300 AAC 125gr BT MGA 400ct Can	60119
308 Win 168gr CC MGA 300ct Can	60140
9mm 115gr JHP MGA 700ct Can	68878
40 S&W 150gr JHP MGA 700ct Can	60127



BULK AMMO CANS

RELOADING GUIDE 8



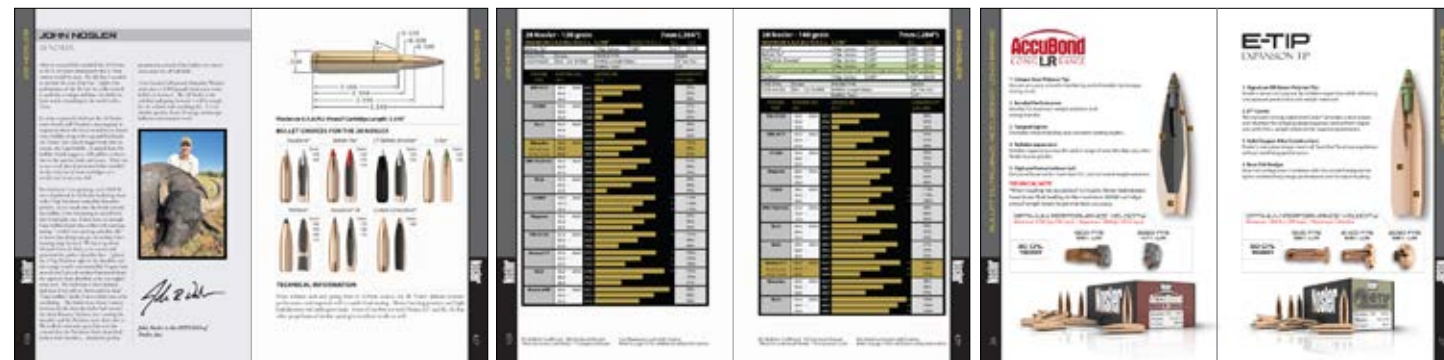
A Great Read and Informative Reference Tool

Each cartridge section begins with an introduction by a different well-known writer or industry name. Nosler® continues to incorporate “Comments From the Lab” for many cartridges, a highly informative section that helps reloaders save time and money at the reloading bench. These pages are written by the Nosler® ballistics team and provide valuable insight and advice for working up accurate, effective loads.

New and Expanded Cartridge Load Data

Load data for each cartridge is presented in a graphic format, giving the reader a quick comparison of load velocities for each bullet weight. Nosler’s system uses simple, easy-to-read bar graphs to show velocity variation between powders, making powder selection faster and simpler than relying on data alone. Each cartridge’s data entry shows information for starting, intermediate and maximum loads for each powder listed.

RELOADING GUIDE 8

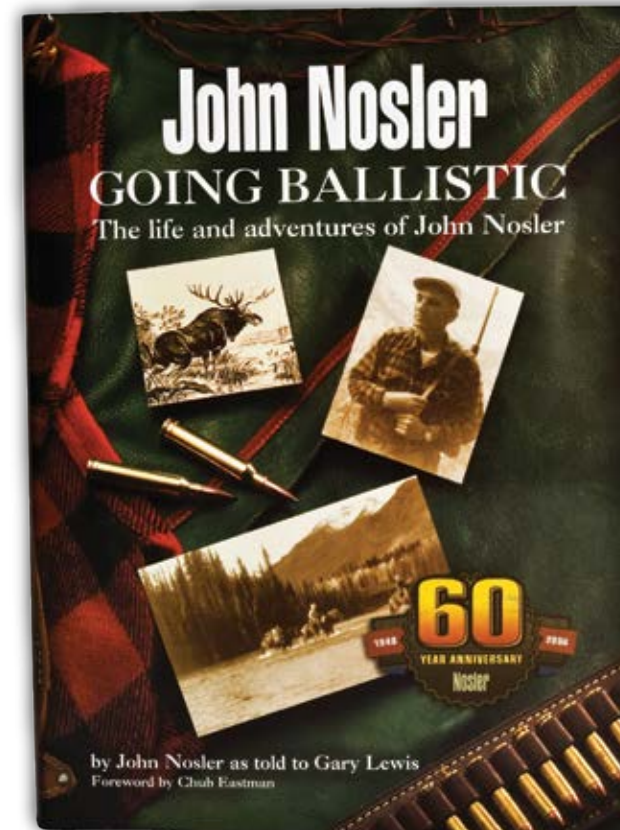


LOAD DATA ONLINE

Nosler has added all of its current load data to nosler.com. You can now find updated load data for all of Nosler’s new bullet offerings as well as all the load data featured in the Nosler Reloading Guide 8



GOING BALLISTIC



Going Ballistic:

The Life and Adventures of John Nosler
Paperback Edition

When hunters want a bullet they can depend on, the name they trust, more than any other, is Nosler®. From the Partition® – introduced in the 1940s—to the Zipedo, Solid Base®, and Ballistic Tip®, to today’s cutting-edge AccuBond®, John Nosler has built a reputation on accuracy and performance, one bullet at a time. You know his bullets. Now read his story.

Written by Gary Lewis

Nosler[®] RIFLES

PROFESSIONALS TRUST NOSLER[®]

Nosler has been building rifles for ballistic testing since the company was started 70 years ago. Actions, barrels, triggers, and stocks from nearly every manufacturer have been assembled and fired under the rigorous conditions of daily bullet testing. All of this collective knowledge has given us a great perspective on what works, and what doesn't. For years, the concept of the "perfect Nosler Rifle" was discussed, with the goal of bringing something very special to the world of custom firearms—a compilation of features that we have found to be the best for overall function, accuracy, and dependable use. In 2005, this vision was realized with the first production of Nosler Custom Limited Edition Rifles. 14 years later, we are proud to have had our rifles receive some of the most prestigious awards for excellence in the shooting sports industry. From the inception of the program we have held that the epitome of a modern hunting rifle must be simple, rugged, fully weather resistant, and at minimum provide minute-of-angle accuracy with

readily available factory ammunition. Nosler[®] Rifles were designed to not only meet, but to exceed, this goal.

Our line of Production Rifles sets a new bar for what is considered "standard" in a factory produced rifle. Each and every rifle starts with our hand-lapped and blueprinted Nosler[®] M48 action, premium match-grade barrels, glass and pillar bedded stocks, a finely tuned custom trigger, and all-weather Cerakote[®] finish on every rifle we build. Our assembly methods incorporate hand craftsmanship with an assembly environment borrowed from our innovative bullet production lines, yielding a rifle of extremely high quality, at a reasonable price.

Nosler Rifles have been tested in some of the most trying conditions on the planet. From the sizzling deserts of Africa, to the frozen tundra of the Far North, you can be sure that a Nosler Rifle is up to the challenge. Every rifle is hand assembled in the U.S.A. at our facility in Central Oregon.

In addition to our premium line of Production Rifles, we offer a Custom line of rifles, allowing you to design the Nosler Rifle that is perfect for you. We know that off-the-shelf rifles do not fit everyone, and our Model 48 Custom line offers plenty of choices. Choose your stock, wood or synthetic, and the color as well. Choose your cartridge and even some barrel lengths and twist choices are available. You can also add a Muzzle brake or suppressor adapter. It's all at your fingertips to get the rifle of your choice.

Nosler[®]

Nosler Rifles are produced with a blend of fine craftsmanship and modern production techniques for efficiency and consistency. The result is a rifle that we feel is worthy of our name, and our company commitment to excellence. We build rifles out of a passion for shooting and hunting—and just like our bullets, we build them right.

A high degree of rifle accuracy comes from the manner in which the parts are assembled, but equally important is the quality and consistency of the parts used. Match-grade barrels, tuned triggers, premium wood and synthetic stocks, CNC machined metal components—every part from the smallest springs and screws, to the "lock, stock and barrel" are of the highest quality available.

Our Model 48 Custom Rifles are built one at a time, allowing for a variety of options such as special stock configurations, colors, muzzle brakes and open-sights. In order to enhance economies of scale and provide great value, our Model 48 production rifles are produced in small batches, leading to reduced setup times and maximized consistency from rifle to rifle. When we say our "production rifles" are built to custom-level quality, we mean it.



THE MODEL 48
LIBERTY™



THE MODEL 48
HERITAGE™



THE MODEL 48
MOUNTAIN CARBON™



THE MODEL 48
LONG-RANGE



THE MODEL 48
LONG-RANGE CARBON™



NOSLERCUSTOM RIFLE SHOP

NOSLER® RIFLES

HOW WE BUILD OUR RIFLES

Nosler Rifles are produced with a blend of fine craftsmanship and modern production techniques for efficiency and consistency. The result is a rifle that we feel is worthy of our name, and our company commitment to excellence. We build rifles out of a passion for shooting and hunting—and just like our bullets, we build them right.

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DEALER INFO

LICENSING Nosler Rifles are available to dealers across the country in possession of a current and valid Federal Firearms License. A copy of your FFL must be furnished at the time of ordering, and must be current and valid at the time of shipping.

- New Rifle Dealers: 5 rifle initial order. After the initial qualifying order, one rifle minimum order for remainder of program year. Members of Sports Inc, Worldwide, and NBS are not subject to order minimums.

- Freight: Prepaid

- Terms: Prepaid, or Terms (For Approved Accounts Only) **PAYMENT TERMS AND VOLUME DISCOUNTS DO NOT APPLY**



Nosler

NOSLER ACTION

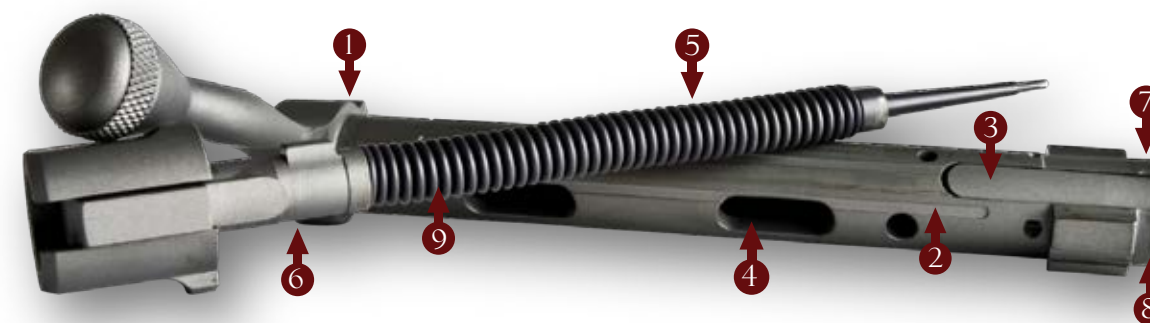
The foundation of our firearms is the Nosler Model 48 Action (M48), a designation denoting the founding year of our company. The M48 is built to withstand the toughest elements and engineered for even the most extreme hunter. Our team of Engineers and Ballistic Lab Professionals utilized their combined experience to build an action based off their passion for hunting. It was this passion that helped them develop the features and benefits of the M48 as explained below;

1. The M48 was designed to accommodate any standard 2 piece Remington M700 scope bases.
2. Custom Hand tuned trigger set to a crisp 3 lb. pull weight with a side rocker safety.
3. Individually bedded Flat Bottom receiver designed to withstand the twisting torque of firing by distributing the energy into the stock more evenly.
4. Every action is hardened beyond standard production specifications, then precisely machined and blueprinted to ensure perfect dimensions and alignment.
5. Designed with an Anti-Bind rail in the receiver and a matching slot in the bolt to resist bolt bind during cycling.
6. Every action is Proof Tested to validate the action's ability to handle an over pressured round or catastrophic event.



1. Bolt handle and bolt body are investment cast as one solid piece, then precisely machined and heat treated for strength and rigidity.
2. Bolt is fluted to resist binding during cycling in harsh conditions.
3. An integrated, spring loaded mini-claw extractor is used to provide reliable extraction of even the most stubborn cases.
4. Large pressure vents are built into the bolt body to allow any excess gasses created during the firing of a round to safely vent out the bottom of the magazine.
5. Every firing pin and spring are coated with Micro Slick™, a dry film lubricant that reduces friction and wear.

6. The bolt shroud and cocking piece were designed for a simple quick-turn, tool-less disassembly for easy cleaning in the field.
7. A recessed bolt face that fits into the counter bored section of the barrel provides additional support to the barrel shank and action for tremendous strength around the cartridge base.
8. Hand lapped locking lugs provide a smooth and precise lock up for optimum accuracy and alignment to the barrel
9. A heavier than industry standard, 20 lb. firing pin spring creates 918 grains of striker fall and an industry leading lock time which contributes to remarkable inherent accuracy and reliable ignition.



NEW MODEL 48 MOUNTAIN CARBON™

Nosler

The Nosler Rifle Division spent the last few years watching the “Ultra-Light-weight” rifle market grow and develop into a complete niche of its own. We also saw many compromises that didn’t make sense to us. To achieve a sub-5 pound rifle, one had to choose to sacrifice either accuracy or their wallet. With all this in mind, we called upon experts from ballistics engineering, Carbon Fiber stock making, as well as the industry’s experts in Carbon wrapped barrels. Together we came up with the All NEW M48 Mountain Carbon Rifle. A rifle that isn’t only lightweight, but also highly accurate and ruggedly dependable at a price that won’t break the bank.

We start with the Nosler M48 action and precisely mate it to a match grade, cut rifled, carbon wrapped barrel that is capable of sub- MOA accuracy. The barreled action is then glass and aluminum pillar bedded into a Granite Green Ultra-light Mountain Hunter stock. Finally, all steel surfaces are coated in Tungsten Grey Cerakote for superior weather resistance. The finished product weighs in at 6 pounds and is balanced to feel like an extension of your arm.



Available in standard and Nosler Calibers.



WORTH THE WEIGHT.

A rifle that spends more time on your shoulder than at your shoulder better be light. So if you’ve been searching for an ultralight rifle, but aren’t willing to sacrifice accuracy, or 10 grand to get it, we’ve got you covered. The M48 Mountain Carbon Ultra Lightweight. Sub-MOA accuracy. Just six pounds. Your wait is over.

For a complete listing of specifications and offerings, turn to the appendix in the back of the catalog.



- Nosler Model 48 Action
- Action and Bottom Metal Cerakoted Tungsten Grey
- Timney™ Trigger with 2 Position Safety
- 100% Carbon Fiber Aramid reinforced Mountain Hunter Stock in Granite Green
- 24” Light Sendero Contour, Carbon Fiber-Wrapped Cut-Rifled Barrel
- 5/8x24 Threaded Muzzle
- Glass and Aluminum Pillar Bedding
- Hinged Floorplate
- Guaranteed Sub M.O.A. Accuracy with Prescribed Nosler Ammunition



1. 100% Carbon Fiber Aramid reinforced Mountain Hunter Stock specifically made for the Nosler M48 action to provide maximum weight savings. Forend and palm swell feature a molded texture surface for sure grip when standing for a shot. Weather resistant and pillar bedded for the best durability and precision in the field when it’s needed most.

2. Contoured to accept any standard 2-Piece scope base that would otherwise fit a Remington® Model 700™.

- OFFERINGS
- 6mm Creedmoor
 - 6.5 Creedmoor
 - 26 Nosler
 - 28 Nosler
 - 300 Win Mag
 - 30 Nosler
 - 33 Nosler

3. All external metal surfaces are coated with the NIC Industries Cerakote™ finish. Designed to protect against rust and wear, Cerakote™ products can withstand tremendous impact with no coating loss, and can resist corrosion in a variety of tough conditions. We have found Cerakote™ to be the best firearm finish available.

4. A textured finish ensures proper grip in cold or wet weather.

5. Fully free-floating, light sendero contour, carbon fiber-wrapped barrel.

6. A lightweight aluminum floorplate allows for quick unloading, without adding appreciable weight to the rifle.



RIFLES TO ORDER, PLEASE VISIT YOUR LOCAL FIREARMS RETAILER.

MODEL 48 LONG-RANGE CARBON™

New for 2018, the Nosler® Model 48 Long Range Carbon™ includes all of the same features that made the Model 48 Long Range a success with the addition of a carbon fiber-wrapped, match-grade barrel. By combining precision machining with space-age materials technology, the barrel reduces the overall weight of the rifle while providing the utmost accuracy and durability. These carbon fiber-wrapped barrels are not only lighter, they are stiffer, and dissipate heat better than traditional stainless barrels for enhanced accuracy, shot after shot. Precisely mated to a trued and faced Model 48 receiver and

bedded in a 100% Carbon and Aramid Fiber reinforced Tactical Hunter stock, the Carbon Wrapped barrel brings space-age technology to your next hunting rifle.

The Model 48 LR-Carbon is an excellent choice for mountain hunting, backcountry excursions, and long range competition. Born in the wide-open expanses of the west, the Model 48 Long Range Carbon™ is perfect for any situation where ranges may be long, and weight is a concern.



Available in standard and Nosler Calibers.



Nosler

For a complete listing of specifications and offerings, turn to the appendix in the back of the catalog.



- Nosler Model 48 Action
- Action and Bottom Metal Cerakoted Sniper Grey
- Timney™ Trigger with 2 Position Safety
- 100% Carbon and Aramid Fiber reinforced Tactical Hunter Stock in Elite Midnight Camo
- 26" Light Sendero Contour, Carbon Fiber-Wrapped Barrel
- 5/8x24 Threaded Muzzle
- Glass and Aluminum Pillar Bedding
- Hinged Floorplate
- Guaranteed M.O.A. Accuracy with Prescribed Nosler Ammunition



1. 100% Carbon Fiber Aramid reinforced Tactical Hunter stock specifically made for the Nosler M48 action to provide weight savings and increase comfort. The stock has a high cheek piece for the large bell scopes helping provide the best cheek rest contact and neck relief for prone shooting, and a forend and palm swell featuring a molded texture surface for sure grip when standing for a shot. Weather resistant and pillar bedded for the best durability and precision in the field when it's needed most.

2. Contoured to accept any standard 2-Piece scope base that would otherwise fit a Remington® Model 700™.

- OFFERINGS**
- 6mm Creedmoor
 - 6.5 Creedmoor
 - 26 Nosler
 - 28 Nosler
 - 300 Win Mag
 - 30 Nosler
 - 33 Nosler

3. All external metal surfaces are coated with the NIC Industries Cerakote™ finish. Designed to protect against rust and wear, Cerakote™ products can withstand tremendous impact with no coating loss, and can resist corrosion in a variety of tough conditions. We have found Cerakote™ to be the best firearm finish available.

4. A textured finish ensures proper grip in cold or wet weather.

5. Fully free-floating, light sendero contour, carbon fiber-wrapped barrel.

6. A lightweight aluminum floorplate allows for quick unloading, without adding appreciable weight to the rifle.



RIFLES TO ORDER, PLEASE VISIT YOUR LOCAL FIREARMS RETAILER.

MODEL 48 LONG-RANGE™

Nosler

The Nosler Model 48 Long Range has been designed from the ground up with the serious hunter and target shooter in mind. Nosler's rugged, innovative action is machined from an Investment Casting and built to provide a rigid platform for the utmost in tack driving accuracy. The bolt rides smoothly on precisely lapped rails, while the front of the receiver is faced perfectly square to true up with the mirror smooth, match grade 26" stainless steel fluted barrel.

The Model 48 Long Range uses a crisp, single stage Timney® trigger with integral two position safety. The action is precisely bedded with the barrel

free floated in a Carbon and Aramid Fiber reinforced Tactical Hunter stock that incorporates both aluminum pillars and a robust recoil pad to absorb recoil and retain zero in the harshest conditions imaginable.

In short, the Model 48 Long Range is the ultimate choice for the open expanses of the west, the bean fields of the Southeast, the arroyos and senderos of Texas and the Southwest, or any range. Pick one up today and see what the legendary Nosler Model 48, top shelf American made components and unwavering attention to detail can do for your hunting and shooting success.



Available in standard and Nosler Calibers.



For a complete listing of specifications and offerings, turn to the appendix in the back of the catalog.



- Nosler Model 48 Action
- Stainless Match-Grade Barrel
- Glass & Aluminum Pillar Bedding
- Hinged Floorplate
- 2-Position Rocker Safety
- Timney™ Trigger
- Cerakote™ All-Weather Finish
- Guaranteed M.O.A. Accuracy with prescribed Nosler Ammunition
- 100% Carbon and Aramid Fiber reinforced Tactical Hunter stock



1. Stocks are specifically made for the Nosler M48 action to provide weight savings and increase comfort. The stock has a high cheek piece for the large bell scopes helping provide the best cheek rest contact and neck relief for prone shooting, and a forend and palm swell featuring a molded texture surface for sure grip when standing for a shot. Weather resistant and pillar bedded for the best durability and precision in the field when it's needed most.

2. Contoured to accept any standard 2-Piece scope base that would otherwise fit a Remington® Model 700™.

3. All external metal surfaces are coated with the NIC Industries Cerakote™ finish. Designed to protect against rust and wear, Cerakote™ products can withstand tremendous impact with no coating loss, and can resist corrosion in a variety of tough conditions. We have found Cerakote™ to be the best firearm finish available.

4. A textured finish ensures proper grip in cold or wet weather.

5. Fully free-floating stainless Shilen barrel ensures maximum shot to shot accuracy.

6. A lightweight aluminum floorplate allows for quick unloading, without adding appreciable weight to the rifle.

OFFERINGS

- 6.5 Creedmoor
- 26 Nosler
- 28 Nosler
- 300 Win Mag
- 30 Nosler
- 33 Nosler



RIFLES TO ORDER, PLEASE VISIT YOUR LOCAL FIREARMS RETAILER.

RIFLES

MODEL 48 LIBERTY™

The Model 48 Liberty™ possesses all the traits that have earned Nosler Rifles a reputation for fantastic performance and robust dependability. Featuring a lightweight synthetic stock, top quality components, and protected by a hearty all-weather finish, the Model 48 Liberty is ready for any condition Mother Nature has to offer. With available cartridge chamberings ranging from the 22 Nosler to the hard-hitting 33 Nosler, as well as all our premier new cartridges, the 22 Nosler, 26 Nosler, 28 Nosler, 30 Nosler, and 33 Nosler

there is a rifle for everyone in the Model 48 Liberty lineup. When used in conjunction with prescribed Nosler Ammunition, shooters can expect sub M.O.A. three shot groups at 100 yards. Whether you are punching holes in paper, or putting meat in the freezer, the Model 48 Liberty is sure to become the rifle you reach for time and time again.



Available in standard and Nosler Calibers.



NOSLER RIFLES.

Built by hand.
To see what they'll do in yours.

For a complete listing of specifications and offerings, turn to the appendix in the back of the catalog.



- Nosler Model 48 Action
- Stainless Match-Grade Barrel
- Lightweight Aramid Fiber Reinforced Composite Stock
- Glass & Aluminum Pillar Bedding
- Hinged Floorplate
- 2-Position Rocker Safety
- Crisp, Hand-Tuned Trigger Pull
- Cerakote™ All-Weather Finish
- Guaranteed M.O.A. Accuracy with prescribed Nosler Ammunition



1. A composite stock reinforced with aramid fibers and an aluminum bedding chassis provides a lightweight and durable platform for the Nosler Model 48 action. Weather will not cause the stock to swell or warp, leading to consistent shot placement in any condition.

2. Contoured to accept any standard 2-Piece scope base that would otherwise fit a Remington® Model 700™.

OFFERINGS

- 22 Nosler
- 6 mm Creedmoor
- 6.5 Creedmoor
- 26 Nosler
- 270 Win
- 280 Ack Imp
- 7mm Rem Mag
- 28 Nosler
- 308 Win
- 30-06 Sprg
- 300 WSM
- 300 Win Mag
- 30 Nosler
- 33 Nosler

3. All external metal surfaces are coated with the NIC Industries Cerakote™ finish. Designed to protect against rust and wear, Cerakote™ products can withstand tremendous impact with no coating loss, and can resist corrosion in a variety of tough conditions.

4. A textured finish ensures proper grip in cold or wet weather. 1" Recoil Pad and straight stock design reduce felt recoil. A shadow-line cheek-piece provides a consistent and comfortable cheek weld for repeatable shoulder position.

5. Fully free-floating barrel ensures maximum shot to shot accuracy.

6. A lightweight aluminum floorplate allows for quick unloading, without adding appreciable weight to the rifle.



MODEL 48 HERITAGE™

Nosler

The Model 48 Heritage combines classic styling with modern engineering and top of the line components, for a rifle that is as beautiful as it is functional. The fancy-grade, oiled walnut stock has been carefully designed for a seamless fit between the shooter and rifle. With a delicate palm-swell, slender forearm, and shadow-line cheek-piece, the Model 48 Heritage just

feels right. A handsome, matte-black Cerakote® all-weather finish complements the dark wood grain, while fully protecting the metal-work from the elements. The Model 48 Heritage is for the shooter who desires all of the features expected in a contemporary hunting rifle, but with all of the tradition and warmth of a wood-stocked rifle.



Available in standard and Nosler Calibers.



Photo courtesy of Dangersoup

For a complete listing of specifications and offerings, turn to the appendix in the back of the catalog.



- Nosler Model 48 Action
- Stainless Match-Grade Barrel
- Fancy Walnut Stock w/ 20 LPI Checkering
- Glass Bedding
- Hinged Floor-plate
- 2-Position Rocker Safety
- Crisp, Hand-Tuned Trigger Pull
- Cerakote™ All-Weather Finish
- Guaranteed M.O.A. Accuracy with prescribed Nosler Ammunition



1. Contoured to accept any standard 2-Piece scope base that would otherwise fit a Remington® Model 700™.
2. All external metal surfaces are coated with the NIC Industries Cerakote™ finish. Designed to protect against rust and wear, Cerakote™ products can withstand tremendous impact with no coating loss, and can resist corrosion in a variety of tough conditions. We have found Cerakote™ to be the best firearm finish available.

OFFERINGS

- 22 Nosler
- 6mm Creedmoor
- 6.5 Creedmoor
- 26 Nosler
- 270 Win
- 280 Ack Imp
- 7mm Rem Mag
- 28 Nosler
- 308 Win
- 30-06 Sprg
- 300 WSM
- 300 Win Mag
- 30 Nosler
- 33 Nosler

3. Fully free-floating barrel ensures maximum shot to shot accuracy
4. A lightweight aluminum floor-plate allows for quick unloading, without adding appreciable weight to the rifle.
5. Beautiful traditionally styled walnut stock with soft, 1" Recoil Pad and Quick Detach sling swivels. A Shadow-Line cheek-piece provides a consistent and comfortable cheek weld for repeatable shoulder position.



RIFLES TO ORDER, PLEASE VISIT YOUR LOCAL FIREARMS RETAILER.

MODEL 48 INDEPENDENCE

Nosler

The Model 48 Nosler Independence is the ultimate precision bolt-action handgun. Built on a one-piece, billet aluminum stock, the mid-grip stock provides a completely rigid platform for the bedded action and free-floated barrel. Designed from the ground up by the engineers at Nosler with input from some of the most successful handgun hunters alive today, the M48 Independence is the answer to handgun hunters' dreams. Each handgun is machined and built from US made parts by the accomplished gunsmiths at the Nosler Rifle division in Bend, Oregon.

OFFERINGS

22 Nosler
24 Nosler
6mm Creedmoor
6.5 Creedmoor
7mm-08 Rem
308 Win

Built on the rugged Nosler Model 48 short action, the Independence shares all of the same features that have made the Model 48 series of rifles a continued success. Available in a variety of short action calibers well-suited to varmint hunting, silhouette shooting, and hunting big game. Every 15" barrel has a threaded muzzle to fit a variety of muzzle breaks and suppressor options. Every handgun stock and barreled action are completely 100% Cerakoted.



For a complete listing of specifications and offerings, turn to the appendix in the back of the catalog.



"Over the last 40 years, I have shot every conceivable configuration of single-shot handguns including high-end custom rigs. The new Nosler handgun will keep up with the very best of them. In my experience, I have found this handgun to be extremely accurate, well-designed, and user-friendly. The Nosler handgun will be most welcome with handgun hunters, target and steel shooters, or anyone looking to add an exciting dimension to their shooting experience. A big Thank You goes out to the Nosler team!"

-Mark Hampton, has written numerous articles and published two books related to hunting. He has hunted on six continents in thirty countries and taken over 190 different species of big game with a handgun alone. Mark is considered one of the world's top handgun hunters.



1. Stock

The stock of the M48 Independence is precision CNC machined from a single billet of 6061-T6 aircraft grade aluminum. The one-piece design of the aluminum mid-grip stock provides a completely rigid platform for the bedded action and free-floated barrel.

2. Action

The M48 Independence is a single-shot, fed from a solid-bottom receiver.

3. Finish

The M48 Independence is entirely coated in NIC Industries Cerakote® finish. The barreled action and stock are coated separately; with the stock coated Gun Metal Grey and the barreled action coated Matte Black.

5. Grip

The Independence is designed to accept standard AR-15 grips allowing the owner to choose from a wide variety of aftermarket grips to customize the look and feel of the handgun to their liking. Each handgun ships standard with a black Hogue® Overmolded® rubber grip with finger grooves.

6. Barrel

The M48 Independence features a 15", fully free-floated, 416R stainless steel heavy contour barrel that has been threaded at the muzzle, and supplied with a thread protector.

7. Size

The M48 Independence has an overall length of 21" with a 15" barrel, and weighs 5.4 lbs without scope or mounts

THE NOSLER CUSTOM SHOP

The Nosler Custom Shop was created for those customers whose tastes couldn't be satisfied with an off-the-rack firearm. For those who want something more personalized and custom, you've come to the right place. At the Nosler Custom Shop, we build one of a kind firearms for discerning customers who know what they want and are willing to afford the very best. Starting with the proven and award winning Model 48 action pick from a

variety of stock options, and barrel styles. Then, make the build your own by adjusting the length of pull, and barrel length to fit you and your style of hunting. Finally, personalize your new firearm by choosing from a wide variety of color options for both stock and metalwork. Once complete, you will have a beautiful, rugged, and accurate firearm that you will be proud to own and rely on in the field.



Please call 800-285-3701 to discuss building your next Nosler Custom shop firearm.



NOSLER CUSTOM HANDGUN



STOCK OPTIONS

- Hand-Laid Kevlar & Carbon Fiber stock featuring the Nosler C2™ stock finish, and choice of color.
- 100% Carbon Fiber Aramid reinforced Mountain Hunter Stock (Mt. Carbon stock)
- 100% Carbon Fiber Aramid reinforced Tactical Hunter Stock (Long-Range Carbon stock)
- Aramid Fiber reinforced stock used on M48 Liberty Rifles. Right-Hand only.

Left-Handed Options Available in Kevlar/Carbon Fiber stock in Long-Action calibers

- Proven Nosler Model 48 custom action
- Accuracy test with prescribed Nosler Ammunition (3/4" or better 3-shot groups at 100 yards, or 1" for belted magnums and cartridges 35 Cal and up)
- Glass and stainless steel pillar bedding
- Cerakote® and Micro Slick™ metal finish
- Timney™ Trigger
- Hand tuned trigger pull

RIFLE UPGRADES AND OPTIONS INCLUDE:

- Choice of stock (Right-Hand Only)
- Add second stock bedded to the rifle
- Choice of Cerakote® metal finish colors
- Add floorplate engraving (Up to 25 characters)
- Select barrel length (20" to 26")
- Optional 3-position rocker safety
- Adjust length of pull
- Add muzzle brake or muzzle threading w/ protector
- Add open sights

The Model 48 Nosler Custom Handgun™ is the ultimate precision bolt-action handgun. Built on a one-piece, billet aluminum stock, the mid-grip stock provides a completely rigid platform for the bedded action and free-floated barrel. Designed from the ground up by the engineers at Nosler with input from some of the most successful handgun hunters alive today, the M48 NCH™ is the answer to handgun hunters' dreams. Each NCH™ is machined and built from US made parts by the accomplished gunsmiths at the Nosler Rifle division in Bend, Oregon.



CERAKOTE

All external metal surfaces are coated with the NIC Industries Cerakote® finish. Designed to protect against rust and wear, Cerakote® products can withstand tremendous impact with no coating loss, and can resist corrosion in a variety of tough conditions. We have found Cerakote® to be the best firearm finish available.

The Nosler Custom shop is pleased to offer the complete line of Cerakote® colors. Any color that Cerakote® makes can be added to the metalwork on your Nosler Custom Rifle or Nosler Custom Handgun. For a full listing of available colors, please visit www.cerakote.com

Nosler®

MERCHANDISE

Nosler's more than just a hunting brand, it's a lifestyle. Whether you've just discovered success with the Nosler product line, or if it's been on your family reloading bench for generations— we've got the gear to help you represent the product you trust in the field, off the field. Browse stylish Nosler gear and apparel at www.Nosler.com



Nosler Neon Sign

Nosler®



Max-1 Camo Hat

Nosler Blue Trucker Hat

Nosler Desert Digi Camo Hat

Nosler Orange Blaze Hat

Bullet Logo Tee



Vintage Nosler Tee



Nosler Cotton Tee



Women's Tee



Nosler 5.11 Taclite Pro Long Sleeve



Nosler Sili Pint



Black Koozie



Camo Koozie



RTIC 30z Tumbler



Neoprene Rifle Sling



Leather Rifle Sling



Nosler Reloading Trays



More Styles And Options At Nosler.com

NOSLER PRO STAFF

JIM SHOCKEY

Pro Hunter, Outfitter, Hunting Consultant, TV Host, Executive Producer



Jim has been an award-winning outdoor writer, wildlife photographer, videographer and wilderness guide and outfitter for nearly 30 years. He's the winner of SCI's prestigious CJ McElroy Award and North American Professional Hunter of the Year Award. His personal hunting experiences include travel to the remotest, wildest and most beautiful reaches of the world. To date, he has taken more than 200 big game species across the globe, including more than 190 different species with muzzleloader and holds more than 50 SCI world records. His energetic and adventurous approach to worldwide big game hunting and conservation have made him one of the most respected hunting personalities alive today and one of the most accomplished big game hunters in history.

@jimshockeyfanpage

jimshockeyofficial

For more information on Jim, please visit www.jimshockey.com

RANDY NEWBERG

TV Show Host / Public Land Advocate



Randy is the voice of the public land hunter in America. Decades of chasing all species across public lands has provided both experience and perspective that has allowed Randy to become the leading advocate for the self-guided hunter; hunters dependent upon public lands for hunting access.

What started by accident, has grown into two popular TV shows, Fresh Tracks and On Your Own Adventures, accompanied by the long-standing Hunt Talk web forum. Now added to those platforms is Elk Talk Live, an exclusive Facebook Q&A show, and the Hunt Talk Podcast where you get Randy Newberg, unfiltered.

Randy uses his platforms to advocate for hunters and public access. In addition to representing hunters in Congress and state legislatures, he serves as a volunteer and board member for many hunting and conservation groups.

randynewberghunter

@randynewberg

JANA WALLER

TV Show Host, Producer, Outdoor Writer



Jana Waller has been a hunter and angler for over 30 years, hunting all across the U.S., Africa, Canada and Alaska. Earning a Bachelor's degree in Public Relations and Marketing, Jana has blended her passion for hunting and conservation with her communications background, actively promoting women in the outdoors and the undeniable relationship between hunters and conservation.

Appearing on national television shows such as 'Invasion Of' on Animal Planet, 'Ammo & Attitude' on NBC Sports, and 'Outfitter Boot Camp' on Outdoor Channel, Jana is currently hosting and co-producing her own hunting adventure show 'Skull Bound TV' on The Sportsman Channel. A 'BONE-IFIED' skull artist, Jana has been painting and beading European skulls for over a decade, custom designing skull art for hunters across the country.

@skullboundtv

@skullboundtv

@skullboundtv

For more information on Jana, please visit www.skullboundtv.com

JIM KINSEY

Executive Producer Skull Bound TV



Jim's thirty plus years of hunting the globe have proven invaluable in his career of film and television production. Working as Director of Photography and Executive Producer for the last 17 years, Jim is currently Executive Producing Season 8 of Skull Bound TV on the Sportsman Channel. He has hosted, directed, edited and conceptualized many current television shows and dozens of national commercial spots. His work has appeared on feature films with Steven Baldwin, Nat Geo's Ultimate Explorer, The History Channel, Discovery, Animal Planet, BBC, PBS, NOVA, and the Outdoor Channel. Whether stalking dangerous game on the Dark Continent or traversing British Columbia's high country his passion for capturing the essence of the hunt is seen in his cinematography.

@kinseyhd

For more information on Jim, please visit www.skullboundtv.com

GARY LEWIS

Outdoor Writer, TV Host



Gary Lewis is an award-winning author, TV host, speaker and photographer. He has hunted and fished in seven countries on three continents and in the islands of the South Pacific. Born and raised in the Northwest, he has been walking forest trails and running rivers for as long as he can remember. He is a past and current president of the Northwest Outdoor Writers Association and a recipient of NOWA's Enos Bradner Award.

Lewis has penned over 2,000 newspaper and magazine articles, some of his credits include Sports Afield, Rifle, Successful Hunter, African Sporting Gazette, Covey Rise, Cabela's Outfitter Journal, MDF and African Hunter.

Lewis lives in Central Oregon. With his wife Merrilee, he has three daughters, all accomplished hunters in their own right.

@garylewisoutdoors

garylewisoutdoors

For more information on Gary, please visit www.garylewisoutdoors.com

JOSH WHITAKER

Professional Outfitter, Guide



Nosler Pro-staffers Josh and Jason Whitaker A.K.A. "The Twins" from Colorado started hunting and trapping at a very young age. After high school, the twins started professionally guiding big game hunters in the West. They now have over 20 years of guiding experience for western big game as well as guiding in Sonora, Mexico. Jason and Josh own and operate Whitaker Brothers Hunting Company and provide trophy class hunts in several different states and Mexico for many different species of game. The twins have built a great reputation as some of the most honest, hard-working guides and outfitters in the industry. Their work ethic is second to none and if they aren't in the field they are working out to stay in shape so they have no limitations in providing their clients with a hunt of a lifetime! After years of hunting and guiding experience the twins have learned what works best which is why they choose Nosler rifles and ammunition for themselves as well as their clients. The twins are proud to be on Nosler's team representing a product and company that has made them and others successful on hunts worldwide!

JASON WHITAKER

Professional Outfitter, Guide



For more information on Jason and Josh, please visit their website at www.whitakerbrothershunting.com

@whitakerbrothershuntingco

whitakerbrothershunting

EVA SHOCKEY

Co-host of "Jim Shockey's Hunting Adventures"



With nearly 2 million followers across social media, Eva has created a brand that started in the outdoor industry and rapidly expanded into the mainstream media. She ranked in the Top 10 on the Top TV Personality Chart, by The Hollywood Reporter, and became the second woman to ever grace the cover of Field & Stream, almost forty years after Queen Elizabeth was featured in 1976. Eva has appeared on ABC's Nightline and the Fox Business Network as the "new face of hunting," and was featured alongside country music sensation Miranda Lambert in the award-winning Ram Trucks commercial, "Courage is Already Inside." In the August 2016 issue of Field & Stream, Eva was voted "Most Admired Prominent Outdoorswoman." Eva has co-hosted "Jim Shockey's Hunting Adventures" on Outdoor Channel for the last decade, alongside her father, Jim. For more information on Eva, visit www.EvaShockey.com

@evashockeyfanpage

evashockey

For more information on Eva, please visit www.jimshockey.com

BRIAN WOJCIECHOWSKI "WOJO"

Professional Guide, Television Personality



Brian Wojciechowski "Wojo" has been Jim Shockey's key right hand man and head guide for over 13 years. Wojo is the man behind the scenes who runs the outfitting operations in Jim's Rogue River moose territory in the Yukon as well as his Canadian Whitetails operation in Saskatchewan. He has been featured many times on "Jim Shockey's Hunting Adventures", "Jim Shockey's - The Professionals" and "Jim Shockey's Uncharted" guiding clients to monster moose, mountain caribou, black bears and whitetail bucks

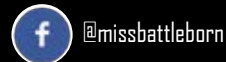
JANNA REEVES

Professional Shooter



After handling a gun for the first time, Janna quickly realized that she had a passion for shooting. After obtaining her own concealed carry permit and participating in extensive training classes, she became an instructor and taught ladies introductory firearm classes.

It was clear Janna had a natural talent for shooting and she entered the competitive shooting world. Since then, she has quickly risen through the ranks to become one of the most dominant female 3 gun and shotgun competitors in the US. She has amassed countless High Lady titles and top 3 finishes in national matches, earned a spot on the 3 Gun Nation Lady Pro series, appeared on numerous TV shows, and was selected to represent the US on the Women's Standard Team at the 2015 Shotgun World Shoot.



NATHAN OLMSTEAD

Professional Outfitter and Guide



Nathan Olmstead is an owner of Prophet Muskwa Outfitters, a well-established name in the business with hunting territories in the Yukon, Northern British Columbia, Alberta, and Texas. Nathan holds a name for himself in the hunting industry as a professional hunter and being owner in one of the most prolific outfits in North America. Nathan entered the hunting world with Nosler. His first kill, at the ripe age of 7 years old, was a Blacktail deer using a Nosler Partition. Not only does he make his livelihood by hunting, he attributes much of the character building over his lifetime to the way of life that a professional hunter leads. With over 18 years of guiding under his belt, he knows for sure that quality matters. With Nosler, he is self-assured that when the hammer drops the job will be finished.

TEAM 144

Team 144 was formed by three local Oregon guys that came together with a shared passion for firearms. They began competing in long range tactical matches, police competitions, USPSA, and 3-Gun competitions. Soon after, they were granted sponsorship's by Nosler, Leupold, Benchmade Knives, and Radian Weapons. The name "Team 144" comes from Psalm 144 which the team believed was very appropriate. Dan and Ryan are Police Sergeants and Kurt is a Captain of the fire department. They enjoy spending time on the range and teaching others who share their passion for the shooting sports.

RYAN FRAKER



DAN CONNER



KURT SOLOMON



NOSLER SPONSORED SHOOTERS

Nosler Sponsored Shooters are a select group of shooters whose achievements and expertise qualify them for a place on our team. Sponsored shooters are selected from a number of different competitive shooting formats.

SCOTT SATTERLEE



Scott Satterlee is a 26 year Special Operations Veteran with multiple combat tours, proven leadership capability and retired out of 1st Special Forces Group in 2016. Scott started competing in NRA Service Rifle in the early 1990s and continued to compete when possible in High Power, Small Bore and USPSA events throughout his military career.

When Precision Rifle started to become popular he found his niche. Scott has been very active in the Precision Rifle Sport for the last 7 years and ranks 5th overall in the Precision Rifle Series. Scott loves to compete, but also enjoys passing on lessons learned teaching Citizens and elite warfighters.

KEVIN DITTOE



Kevin Dittoe is a U.S. Army veteran and now DOD contractor supporting the US Army's 16th Combat Aviation Brigade in Olympia, Washington. Kevin started shooting in local precision rifle matches in the fall of 2012 has continued to compete at the local and national level ever since.

Kevin is also the director of the Northwest Precision Rifle League, a regional league devoted to supporting the local Northwest shooters and introducing new people into the sport.

JORGE BONILLA



Jorge Bonilla currently resides in Las Vegas, NV. He started shooting precision rifles in 2012 and has shot in the Precision Rifle Series for the past 4 years.

Jorge is also a 15-year Air Force veteran. He has previously worked in the maintenance arena and is now conducting air combat support operations around the world.

JANAE FREHNER



Janae Frehner resides in Las Vegas, Nevada. She shot in her first Precision Rifle Series match 3 years ago with no experience in competitive shooting and was immediately hooked.

Janae actively competes in the Precision Rifle Series. Her love for shooting started as she watched her dad and six brothers hunt big and small game, target shoot, and her favorite, shooting glass bottles at distance, and watching them explode.

TIM MILKOVICH



Tim is a 12 year veteran with service in the US Marine Corps, US Army and US Air Force. Tim, a Deputy Sheriff for the last 12 years, is currently assigned to the Training Division as a firearms instructor and armorer. He teaches pistol, shotgun, carbine and has taught in SWAT schools and Sniper schools.

Tim has been shooting competition since 1986 in a variety of shooting sports including Pistol Silhouette, Bullseye Pistol, USPSA, IDPA, and 3 Gun. Tim is ranked as Master Class shooter in a majority of the sports he has participated in and is well known in the shooting industry.

NICK GADARZI



Gadarzi has been shooting long range for 6 years and competing in precision rifle matches for 3 years. He currently ranks #22 overall in the Precision Rifle Series.

JON PYNCH



Jon lives in Oregon, with an awesome wife and two young boys. He has been an avid hunter for his whole life, and started getting into long range shooting 13 years ago. Jon's interest in long range shooting led him to search out some local long range shooting competitions about a year and half ago. After winning his first competition, he was hooked. Jon is currently ranked #3 overall in the Precision Rifle Series and won 3 out of 6 PRS bolt-action matches he participated in in 2018.

WE DO OUR HOMEWORK

Nosler



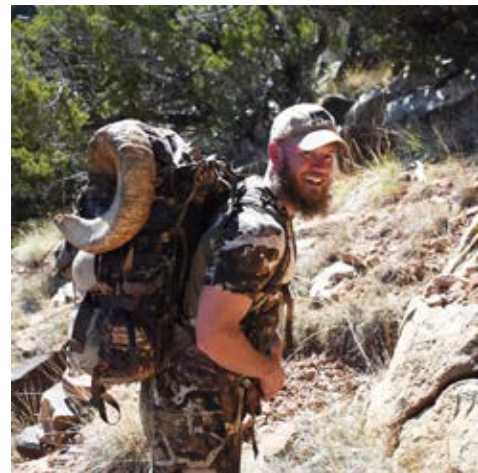
FOLLOW US ON FACEBOOK



AND INSTAGRAM



TO SEE MANY MORE HUNTING PHOTOS



WE DO OUR HOMEWORK

WE DO OUR HOMEWORK

TAG YOUR PICS WITH
#NOSLER

to make sure we see your hunting success and products photos on social media!
You may even land a spot in next year's catalog!



@NOSLERINC



NOSLER



FAN PHOTOS

FAN PHOTOS

RIFLE APPENDIX

2019 NOSLER RIFLE SPECIFICATIONS

Red Part Numbers are New for 2019

AL = ACTION LENGTH	LOP = LENGTH OF PULL
MC = MAGAZINE CAPACITY	D@C = DROP @ COMB
BL = BARREL LENGTH	D@H = DROP @ HEEL
OL = OVERALL LENGTH	

PART#	UPC	CARTRIDGE	METAL FINISH	STOCK TYPE	AL	MC	TWIST	BARREL CONTOUR	BL	OL	LOP	D@C	D@H	WEIGHT
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M48 LIBERTY

40848	0 54041 40848 6	22 Nosler	Graphite Cerakote™	Synthetic Sporter	Short	4	1-8"	Magnum	24"	44"	13.5"	.75"	.50"	7.25 Lbs
43348	0 54041 43348 8	6mm Creedmoor	Graphite Cerakote™	Synthetic Sporter	Short	4	1-7.5"	Sporter	24"	44"	13.5"	.75"	.50"	6.75 Lbs
39448	0 54041 39448 2	6.5 Creedmoor	Graphite Cerakote™	Synthetic Sporter	Short	4	1-8"	Sporter	24"	44"	13.5"	.75"	.50"	6.75 Lbs
32848	0 54041 32848 7	6.5-284 Norma	Graphite Cerakote™	Synthetic Sporter	Long	4	1-8"	Sporter	24"	44.5"	13.5"	.75"	.50"	7.00 Lbs
32948	0 54041 32948 4	26 Nosler	Graphite Cerakote™	Synthetic Sporter	Long	3	1-8"	Magnum	26"	46.5"	13.5"	.75"	.50"	7.65 Lbs
35148	0 54041 35148 5	270 Win	Graphite Cerakote™	Synthetic Sporter	Long	4	1-10"	Sporter	24"	44.5"	13.5"	.75"	.50"	7.00 Lbs
35548	0 54041 35548 3	280 Ackley Imp	Graphite Cerakote™	Synthetic Sporter	Long	4	1-9"	Magnum	24"	44.5"	13.5"	.75"	.50"	7.50 Lbs
35648	0 54041 35648 0	7mm Rem Mag	Graphite Cerakote™	Synthetic Sporter	Long	3	1-9"	Magnum	24"	44.5"	13.5"	.75"	.50"	7.50 Lbs
39648	0 54041 39648 6	28 Nosler	Graphite Cerakote™	Synthetic Sporter	Long	3	1-9"	Magnum	26"	46.5"	13.5"	.75"	.50"	7.65 Lbs
35848	0 54041 35848 4	308 Win	Graphite Cerakote™	Synthetic Sporter	Short	4	1-10"	Sporter	24"	44"	13.5"	.75"	.50"	6.75 Lbs
35948	0 54041 35948 1	30-06 Sprg	Graphite Cerakote™	Synthetic Sporter	Long	4	1-10"	Sporter	24"	44.5"	13.5"	.75"	.50"	7.00 Lbs
36048	0 54041 36048 7	300 WSM	Graphite Cerakote™	Synthetic Sporter	Short	3	1-10"	Magnum	24"	44"	13.5"	.75"	.50"	7.25 Lbs
36148	0 54041 36148 4	300 Win Mag	Graphite Cerakote™	Synthetic Sporter	Long	3	1-10"	Magnum	24"	44.5"	13.5"	.75"	.50"	7.50 Lbs
39248	0 54041 39248 8	30 Nosler	Graphite Cerakote™	Synthetic Sporter	Long	3	1-10"	Magnum	26"	46.5"	13.5"	.75"	.50"	7.65 Lbs
39348	0 54041 39348 5	33 Nosler	Graphite Cerakote™	Synthetic Sporter	Long	3	1-10"	Magnum	26"	46.5"	13.5"	.75"	.50"	7.65 Lbs

M48 HERITAGE

40948	0 54041 40948 3	22 Nosler	Graphite Cerakote™	Walnut Sporter	Short	4	1-8"	Magnum	24"	44"	13.5"	.625"	.978"	7.50 Lbs
43448	0 54041 43448 5	6mm Creedmoor	Graphite Cerakote™	Walnut Sporter	Short	4	1-7.5"	Sporter	24"	44"	13.5"	.625"	.978"	7.25 Lbs
29948	0 54041 29948 0	6.5 Creedmoor	Graphite Cerakote™	Walnut Sporter	Short	4	1-8"	Sporter	24"	44"	13.5"	.625"	.978"	7.25 Lbs
37558	0 54041 37558 0	26 Nosler	Graphite Cerakote™	Walnut Sporter	Long	3	1-8"	Magnum	26"	46.5"	13.5"	.625"	.978"	7.85 Lbs
37648	0 54041 37648 8	270 Win	Graphite Cerakote™	Walnut Sporter	Long	4	1-10"	Sporter	24"	44.5"	13.5"	.625"	.978"	7.50 Lbs
38048	0 54041 38048 5	280 Ackley Imp	Graphite Cerakote™	Walnut Sporter	Long	4	1-9"	Magnum	24"	44.5"	13.5"	.625"	.978"	7.75 Lbs
38148	0 54041 38148 2	7mm Rem Mag	Graphite Cerakote™	Walnut Sporter	Long	3	1-9"	Magnum	24"	44.5"	13.5"	.625"	.978"	7.75 Lbs
39548	0 54041 39548 9	28 Nosler	Graphite Cerakote™	Walnut Sporter	Long	3	1-9"	Magnum	26"	46.5"	13.5"	.625"	.978"	7.85 Lbs
38248	0 54041 38248 9	308 Win	Graphite Cerakote™	Walnut Sporter	Short	4	1-10"	Sporter	24"	44"	13.5"	.625"	.978"	7.25 Lbs
38348	0 54041 38348 6	30-06 Sprg	Graphite Cerakote™	Walnut Sporter	Long	4	1-10"	Sporter	24"	44.5"	13.5"	.625"	.978"	7.50 Lbs
38448	0 54041 38448 3	300 WSM	Graphite Cerakote™	Walnut Sporter	Short	3	1-10"	Magnum	24"	44"	13.5"	.625"	.978"	7.50 Lbs
38548	0 54041 38548 0	300 Win Mag	Graphite Cerakote™	Walnut Sporter	Long	3	1-10"	Magnum	24"	44.5"	13.5"	.625"	.978"	7.75 Lbs
37548	0 54041 37548 1	30 Nosler	Graphite Cerakote™	Walnut Sporter	Long	3	1-10"	Magnum	26"	46.5"	13.5"	.625"	.978"	7.85 Lbs
39148	0 54041 39148 1	33 Nosler	Graphite Cerakote™	Walnut Sporter	Long	3	1-10"	Magnum	26"	46.5"	13.5"	.625"	.978"	7.85 Lbs

M48 LONG-RANGE

41848	0 54041 41848 5	6.5 Creedmoor	Graphite Cerakote™	Carbon Fiber Long Range	Short	4	1-8"	Magnum	26"	48"	13.5"	.38"	1.27"	7.8 Lbs
41948	0 54041 41948 2	26 Nosler	Graphite Cerakote™	Carbon Fiber Long Range	Long	3	1-8"	Magnum	26"	48"	13.5"	.38"	1.27"	7.8 Lbs
42048	0 54041 42048 8	28 Nosler	Graphite Cerakote™	Carbon Fiber Long Range	Long	3	1-9"	Magnum	26"	48"	13.5"	.38"	1.27"	7.8 Lbs
42148	0 54041 42148 5	300 Win Mag	Graphite Cerakote™	Carbon Fiber Long Range	Long	3	1-10"	Magnum	26"	48"	13.5"	.38"	1.27"	7.8 Lbs
42248	0 54041 42248 2	30 Nosler	Graphite Cerakote™	Carbon Fiber Long Range	Long	3	1-10"	Magnum	26"	48"	13.5"	.38"	1.27"	7.8 Lbs
42348	0 54041 42348 9	33 Nosler	Graphite Cerakote™	Carbon Fiber Long Range	Long	3	1-10"	Magnum	26"	48"	13.5"	.38"	1.27"	7.8 Lbs

M48 LONG-RANGE CARBON

44548	0 54041 44548 1	6.5 Creedmoor	Sniper Grey Cerakote™	Carbon Fiber Long Range	Short	4	1-8"	Sendero Light	26"	48"	13.5"	.38"	1.27"	7.0 Lbs
45248	0 54041 45248 9	26 Nosler	Sniper Grey Cerakote™	Carbon Fiber Long Range	Long	3	1-8"	Sendero Light	26"	48"	13.5"	.38"	1.27"	7.0 Lbs
44148	0 54041 44148 3	28 Nosler	Sniper Grey Cerakote™	Carbon Fiber Long Range	Long	3	1-9"	Sendero Light	26"	48"	13.5"	.38"	1.27"	7.0 Lbs
46348	0 54041 46348 5	300 Win Mag	Sniper Grey Cerakote™	Carbon Fiber Long Range	Long	3	1-10"	Sendero Light	26"	48"	13.5"	.38"	1.27"	7.0 Lbs
45448	0 54041 45448 3	30 Nosler	Sniper Grey Cerakote™	Carbon Fiber Long Range	Long	3	1-10"	Sendero Light	26"	48"	13.5"	.38"	1.27"	7.0 Lbs
46648	0 54041 46648 6	33 Nosler	Sniper Grey Cerakote™	Carbon Fiber Long Range	Long	3	1-10"	Sendero Light	26"	48"	13.5"	.38"	1.27"	7.0 Lbs

M48 MOUNTAIN CARBON

47048	0 54041 47048 3	6mm Creedmoor	Tungsten Grey Cerakote™	Carbon Fiber Mountain	Short	4	1-7.5"	Sendero Light	24"	44.5"	13.5"	.38"	1.27"	6.0 Lbs
47148	0 54041 47148 0	6.5 Creedmoor	Tungsten Grey Cerakote™	Carbon Fiber Mountain	Short	4	1-8"	Sendero Light	24"	44.5"	13.5"	.38"	1.27"	6.0 Lbs
47248	0 54041 47248 7	26 Nosler	Tungsten Grey Cerakote™	Carbon Fiber Mountain	Long	3	1-8"	Sendero Light	24"	45"	13.5"	.38"	1.27"	6.0 Lbs
47348	0 54041 47348 4	28 Nosler	Tungsten Grey Cerakote™	Carbon Fiber Mountain	Long	3	1-9"	Sendero Light	24"	45"	13.5"	.38"	1.27"	6.0 Lbs
47448	0 54041 47448 1	300 Win Mag	Tungsten Grey Cerakote™	Carbon Fiber Mountain	Long	3	1-10"	Sendero Light	24"	45"	13.5"	.38"	1.27"	6.0 Lbs
47548	0 54041 47548 8	30 Nosler	Tungsten Grey Cerakote™	Carbon Fiber Mountain	Long	3	1-10"	Sendero Light	24"	45"	13.5"	.38"	1.27"	6.0 Lbs
47648	0 54041 47648 5	33 Nosler	Tungsten Grey Cerakote™	Carbon Fiber Mountain	Long	3	1-10"	Sendero Light	24"	45"	13.5"	.38"	1.27"	6.0 Lbs

M48 INDEPENDENCE

80848	0 54041 80848 4	22 Nosler	Cerakote™	Aluminum Chassis	Short	0	1-8"	Magnum	15"	22.5"	N/A	N/A	N/A	6.4 Lbs
80948	0 54041 80948 1	6mm Creedmoor	Cerakote™	Aluminum Chassis	Short	0	1-7.5"	Magnum	15"	22.5"	N/A	N/A	N/A	6.3 Lbs
81148	0 54041 81148 4	24 Nosler	Cerakote™	Aluminum Chassis	Short	0	1-7.5"	Magnum	15"	22.5"	N/A	N/A	N/A	6.3 Lbs
81248	0 54041 81248 1	6.5 Creedmoor	Cerakote™	Aluminum Chassis	Short	0	1-8"	Magnum	15"	22.5"	N/A	N/A	N/A	6.3 Lbs
81348	0 54041 81348 8	7mm-08 Rem	Cerakote™	Aluminum Chassis	Short	0	1-9"	Magnum	15"	22.5"	N/A	N/A	N/A	6.2 Lbs
81448	0 54041 81448 5	308 Win	Cerakote™	Aluminum Chassis	Short	0	1-10"	Magnum	15"	22.5"	N/A	N/A	N/A	6.2 Lbs

NOSLER CUSTOM FIREARM SHOP

Red Part Numbers are New for 2019

PART#	UPC	CARTRIDGE	METAL FINISH	STOCK TYPE	AL	MC	TWIST	BARREL CONTOUR	BL	OL	LOP	D@C	D@H	WEIGHT
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M48 CUSTOM RIFLE **BUILT-TO-ORDER**

42748	0 54041 42748 7	22 Nosler		Choose from a variety of stocks and Cerakote® colors	Short	4	1-8"	Magnum						Final Specs dependent on custom options
24348	0 54041 24348 3	243 Win		Call 800-285-3701 to discuss the options for your Nosler	Short	4	1-10"	Sporter						chosen
26048	0 54041 26048 0	260 Rem		"	Short	4	1-8"	Sporter						"
34048	0 54041 34048 9	6.5 Creedmoor		"	Short	4	1-8"	Sporter						"
26648	0 54041 26648 2	6.5x55mm Swede		"	Long	4	1-8"	Sporter						"
28448	0 54041 28448 6	6.5-284 Norma		"	Long	4	1-8"	Sporter						"
29248	0 54041 29248 1	264 Win Mag		"	Long	3	1-8"	Magnum						"
23948	0 54041 23948 6	26 Nosler		"	Long	3	1-8"	Magnum						"
27048	0 54041 27048 9	270 WSM		"	Short	3	1-10"	Sporter						"
27748	0 54041 27748 8	270 Win		"	Long	4	1-10"	Sporter						"
70848	0 54041 70848 7	7MM-08 Rem		"	Short	4	1-9"	Sporter						"
26948	0 54041 26948 3	7mm Mauser (7x57)		"	Long	4	1-9"	Sporter						"
28048	0 54041 28048 8	280 Ackley Imp		"	Long	4	1-9"	Magnum						"
26848	0 54041 26848 6	7mm Rem Mag		"	Long	3	1-9"	Magnum						"
39848	0 54041 39848 0	28 Nosler		"	Long	3	1-9"	Magnum						"
30848	0 54041 30848 9	308 Win		"	Short	4	1-10"	Sporter						"
30648	0 54041 30648 5	30-06 Sprg		"	Long	4	1-10"	Sporter						"
30048	0 54041 30048 3	300 WSM		"	Short	3	1-10"	Magnum						"
31048	0 54041 31048 2	300 Win Mag		"	Long	3	1-10"	Magnum						"
22048	0 54041 22048 4	30 Nosler		"	Long	3	1-10"	Magnum						"
35448	0 54041 35448 6	338 Win Mag		"	Long	3	1-10"	Magnum						"
42848	0 54041 42848 4	33 Nosler		"	Long	3	1-10"	Magnum						"
34748	0 54041 34748 8	35 Whelen		"	Long	4	1-14"	Magnum						"
24448	0 54041 24448 0	350 Rem Mag		"	Short	3	1-14"	Magnum						"
33948	0 54041 33948 3	9.3x62mm		"	Long	4	1-12"	Magnum						"
34848	0 54041 34848 5	458 Win Mag		"	Long	3	1-14"	Magnum						"
Left Hand (Kevlar Stock only)														
26748	0 54041 26748 9	6.5x55mm Swede	Cerakote®	Kevlar/Carbon Fiber	Long	4	1-8"	Sporter						Final Specs dependent on custom options
28548	0 54041 28548 3	6.5-284 Norma	Cerakote®	Kevlar/Carbon Fiber	Long	4	1-8"	Sporter						chosen
31748	0 54041 31748 1	264 Win Mag	Cerakote®	Kevlar/Carbon Fiber	Long	3	1-8"	Magnum						"
24548	0 54041 24548 7	26 Nosler	Cerakote®	Kevlar/Carbon Fiber	Long	3	1-8"	Magnum						"
21648	0 54041 21648 7	270 Win	Cerak											

BRASS APPENDIX

FULLY PREPPED, READY TO LOAD!

Nosler Brass			Nosler Brass		
Cartridge	Qty.	Part #	Cartridge	Qty.	Part #
17 Remington	100 ct.	10128	300 HGH Magnum	25 ct.	11800
204 Ruger	50 ct.	10056	300 Winchester Magnum	50 ct.	10227
221 Remington Fireball	100ct.	10078	300 WSM	25 ct.	11863
222 Remington	100 ct.	10058	300 Rem SA Ultra Mag	25 ct.	10228
223 Remington	50 ct.	10070	300 Remington Ultra Mag	25 ct.	11940
223 Remington	100 ct.	10098	300 Weatherby Magnum	50 ct.	10180
22 Nosler	100 ct.	10067	30 Nosler	25 ct.	10221
22-250 Remington	50 ct.	10065	30-378 Weatherby Mag	25 ct.	10235
24 Nosler	100 ct.	10085	8x57 JS Mauser	50 ct.	11888
6mm Creedmoor	50 ct.	10229	325 WSM	25 ct.	11907
243 Winchester	50 ct.	10105	8mm Remington Magnum	25 ct.	11892
257 Roberts+P	50 ct.	10135	338 Winchester Magnum	50 ct.	17883
257 Weatherby Mag	50 ct.	10138	338 Remington Ultra Magnum	25 ct.	11912
25-06 Remington	50 ct.	10132	338 Lapua Magnum	25 ct.	11914
6.5 Grendel	50 ct.	44916	33 Nosler	25 ct.	10222
6.5 Creedmoor	50 ct.	44824	340 Weatherby Mag	25 ct.	11924
260 Remington	50 ct.	11354	35 Whelen	50 ct.	11926
6.5X55 Swedish	50 ct.	10212	350 Remington Magnum	25 ct.	11928
6.5-284 Norma	50 ct.	10190	9.3x62 Mauser	25 ct.	11952
264 Winchester Magnum	50 ct.	11234	9.3x74 R	25 ct.	11954
26 Nosler	25 ct.	10140	375 HGH Magnum	25 ct.	11930
270 WSM	25 ct.	10045			
270 Winchester	50 ct.	10155			
270 Weatherby Mag	50 ct.	10147			
7mm-08 Remington	50 ct.	10187			
7x57 Mauser	50 ct.	44507			
280 Remington	50 ct.	10160			
280 Ackley Improved	50 ct.	10175			
7mm SA Ultra Mag	25 ct.	10184			
7mm Remington Magnum	50 ct.	10185			
7mm STW	25 ct.	11472			
7mm Remington Ultra Mag	25 ct.	10188			
28 Nosler	25 ct.	10150			
300 AAC Blackout	50 ct.	45123			
308 Winchester	50 ct.	10225			
30-06 Springfield	50 ct.	10226			



BRASS APPENDIX

PREMIUM, UNPREPPED BRASS

Nosler Bulk Brass		
Cartridge	Qty.	Part #
204 Ruger	250 ct.	10057
22 Hornet	250 ct.	10066
223 Remington	250 ct.	10099
222 Rem Mag	250 ct.	10059
22 Nosler	250 ct.	10068
24 Nosler	250 ct.	10077
6mm Creedmoor	100 ct.	10192
260 Remington	100 ct.	11355
6.8 SPC	100 ct.	10182
300 AAC Blackout	250 ct.	45124
30-30 Winchester	100 ct.	10082
7.62x39	100 ct.	10193



AMMUNITION APPENDIX HANDGUN AMMUNITION

MGA	Match Grade Ammunition			T-BND	Tipped Bonded			
DEFENSE	Defense Ammunition			JHP	Jacketed Hollow Point			
				B-JHP	Bonded Jacketed Hollow Point			
							VELOCITY (FPS)	ENERGY (FT-LBS)
CARTRIDGE	BRAND	BULLET WEIGHT	BULLET STYLE	PART #	COUNT	FOR USE	MUZZLE	MUZZLE
9mm Luger	MGA	115	JHP	51285	20	Targets	1,170	350
	MGA	115	JHP	51017	50	Targets	1,170	350
	MGA	124	JHP	51286	20	Targets	1,150	364
	MGA	124	JHP	51054	50	Targets	1,150	364
	MGA	147	JHP	51290	20	Targets	880	253
9mm Luger +P	MGA	147	JHP	51325	50	Targets	880	253
	DEFENSE	124	B-JHP	38432	20	Personal Defense	1,200	396
40 S&W	DEFENSE	124	T-BND	37151	20	Personal Defense	1,200	396
	MGA	150	JHP	51283	20	Targets	1,110	410
	MGA	150	JHP	51181	50	Targets	1,110	410
	MGA	180	JHP	51279	20	Targets	1005	404
	MGA	180	JHP	51212	50	Targets	1005	404
10mm Auto	DEFENSE	200	B-JHP	39123	20	Personal Defense	1,000	444
	DEFENSE	200	T-BND	39515	20	Personal Defense	1,000	444
	MGA	180	JHP	51400	20	Targets	1,250	624
45 ACP (AUTO)	MGA	180	JHP	51412	50	Targets	1,250	624
	MGA	185	JHP	51278	20	Targets	915	343
	MGA	185	JHP	51271	50	Targets	915	343
	MGA	230	JHP	51277	20	Targets	850	368
	MGA	230	JHP	51284	50	Targets	850	368
45 ACP (AUTO) +P	DEFENSE	230	B-JHP	39645	20	Personal Defense	950	461
	DEFENSE	230	T-BND	39873	20	Personal Defense	950	461

AMMUNITION APPENDIX

* 22 Nosler test bbl 18"
 * 5.56 test bbl 16"
 * 6.8 SPC test bbl 20"
 * 300 Blk test bbl 16"
 * 7.62x51 test bbl 18"
 * 26.28.30.33 Nosler test bbl 26"

BTA Ballistic Tip Ammunition
 DEFENSE Defense Ammunition
 ETA E-Tip Ammunition
 MGA Match Grade Ammunition
 NCA Nosler Custom Handloaded Ammunition
 NVSK Noveske Ammunition
 SAFARI Safari Dangerous Game Ammunition
 SSA SSA Ammunition
 TGA Trophy Grade Ammunition
 TGA-LR Trophy Grade (LONG RANGE) Ammunition
 VGA Varmageddon Ammunition

FBHP Flat Base Hollow Point
 HPBT Hollow Point Boat Tail
 SP Spitzer
 T-BND Tipped Bonded
 JHP Jacketed Hollow Point
 B-JHP Bonded Jacketed Hollow Point
 PT Partition

BTLF Ballistic Tip Lead Free
 ET E-Tip
 BSB Bonded Solid Base
 SD Solid
 BT Ballistic Tip
 AB AccuBond
 CC Custom Competition

ABLR AccuBond Long Range
 BT Glow Ballistic Glow Tip
 BT RN Ballistic Tip Round Nose
 RDF Reduced Drag Factor
 LF Lead-Free
 MZL Muzzle

RIFLE	CARTRIDGE	BRAND	BULLET WEIGHT	BULLET STYLE	PART #	COUNT	BBL TWIST RQMT	FOR USE	LEAD FREE	VELOCITY (FPS)								
										MZ	100	200	300	400	500	600	700	800
17 Remington	VGA	20	FBHP	65100	20	1-10"		Varmint-Targets		4,200	3230	2442	1780	1272	1002	869	774	695
	VGA	20	FB Tipped	65105	20	"		Varmint-Targets		4,200	3544	2978	2477	2029	1634	1312	1094	970
204 Ruger	VGA	32	FBHP	65110	20	1-12"		Varmint-Targets		4,000	3148	2438	1832	1347	1053	911	815	739
	VGA	32	FB Tipped	65115	20	"		Varmint-Targets		4,000	3433	2934	2487	2081	1718	1408	1174	1028
22 Hornet	TGA	32	BTLF	60089	20	"		Varmint-Targets	XX	3,800	3311	2875	2478	2114	1783	1493	1257	1092
	NCA	40	BT	00505	20	"		Varmint-Targets		3,625	3176	2771	2399	2058	1748	1475	1252	1095
221 Remington Fireball	VGA	35	FB Tipped	41132	50	1-16"		Varmint-Targets		3,000	2286	1683	1229	992	869	778	702	637
	NCA	40	BT	02015	50	1-14"		Varmint-Targets		2,800	2397	2029	1698	1413	1192	1048	956	884
222 Remington	NCA	35	BTLF	13021	50	1-12"		Varmint-Targets	XX	3,250	2765	2328	1934	1586	1301	1102	982	900
	VMG	40	FBHP	65120	20	"		Varmint-Targets		3,100	2510	1991	1547	1209	1016	907	826	759
222 Remington	VMG	40	FB Tipped	65125	20	"		Varmint-Targets		3,100	2651	2243	1874	1549	1283	1097	985	908
	NCA	40	BT	04016	50	"		Varmint-Targets		3,100	2689	2313	1962	1659	1392	1185	1049	961
222 Remington	NCA	35	BTLF	13125	50	1-14"		Varmint-Targets	XX	3,700	3163	2687	2258	1871	1532	1260	1077	966
	VMG	40	FBHP	65130	20	"		Varmint-Targets		3,400	2771	2221	1740	1347	1088	951	861	789
222 Rem Magnum	VMG	40	FB Tipped	65135	20	"		Varmint-Targets		3,400	2920	2488	2095	1742	1437	1200	1047	952
	NCA	50	BT	05091	50	"		Varmint-Targets		3,025	2631	2269	1937	1639	1382	1182	1050	963
223 Remington	NCA	40	BT	60005	50	1-14"		Varmint-Targets		3,600	3140	2726	2347	2000	1686	1415	1202	1059
	NCA	50	BT	06088	50	"		Varmint-Targets		3,340	2917	2533	2179	1855	1567	1323	1141	1024
223 Remington	TGA	35	BTLF	60004	20	1-14"		Varmint-Targets	XX	3,750	3206	2725	2291	1899	1555	1276	1087	974
	TGA	40	BTLF	60007	20	1-12"		Varmint-Targets	XX	3,625	3139	2704	2308	1947	1624	1352	1148	1021
223 Remington	TGA	40	BT	60001	20	1-14"		Varmint-Targets		3,700	3208	2768	2368	2000	1675	1394	1178	1039
	VMG	53	FB Tipped	65139	20	"		Varmint-Targets		3,350	3024	2712	2420	2147	1892	1658	1449	1272
223 Remington	VMG	55	FBHP	65140	20	"		Varmint-Targets		3,100	2664	2268	1908	1587	1320	1126	1006	925
	VMG	55	FB Tipped	65145	20	"		Varmint-Targets		3,100	2725	2380	2060	1768	1508	1290	1128	1022
223 Remington	TGA	55	ET	60028	20	1-10"		Deer Sized Game	XX	3,100	2785	2491	2215	1959	1722	1508	1323	1175
	MGA	60	BT	60013	20	"		Varmint-Targets		3,000	2668	2360	2072	1806	1566	1358	1191	1076
223 Remington	VMG	62	FBHP	40223	20	1-14"		Varmint-Targets		2,950	2581	2242	1928	1645	1400	1204	1069	981
	DEFENSE	64	BSB	39674	20	"		Personal Defense		2,750	2368	2018	1701	1427	1210	1064	971	902
223 Remington	MGA	69	HPBT	60023	20	1-9"		Targets		2,700	2411	2140	1887	1655	1449	1274	1139	1044
	MG-RDF	70	RDF	60130	20	"		Targets		2,850	2630	2419	2219	2028	1847	1673	1507	1349
223 Remington	MGA	77	HPBT	60011	20	1-8"		Targets		2,550	2298	2061	1839	1634	1450	1291	1164	1070
	5.56x45mm NATO	NVSK*	55	FB Tipped	52201	20	1-14"	Varmint-Targets		2,700	2357	2041	1751	1494	1280	1122	1017	942
5.56x45mm NATO	NVSK*	60	BT Glow	52207	20	1-10"		Varmint-Targets		2,600	2282	1989	1719	1480	1279	1128	1026	952
	SSA*	63	SP	75005	20	"		Varmint-Targets		2,550	2191	1867	1579	1336	1152	1031	948	886
22 Nosler	SSA*	77	CC	75010	20	1-8"		Targets		2,475	2228	1996	1780	1580	1403	1254	1135	1050
	TGA	55	BT	60015	20	1-8"		Varmint-Targets		3,350	2965	2613	2286	1984	1707	1462	1259	1109
22 Nosler	ETA	55	ET	40140	20	"		Deer Sized Game	XX	3,300	2976	2665	2374	2103	1849	1618	1413	1242
	VMG	62	FBHP	65180	50	"		Varmint-Targets		3,100	2731	2380	2055	1759	1472	1255	1098	997
22 Nosler	MG-RDF	70	RDF	60124	20	"		Targets		3,000	2781	2562	2354	2156	1967	1788	1616	1451
	MGA	77	CC	60016	20	"		Targets		2,950	2672	2410	2163	1931	1715	1519	1347	1204
22-250 Remington	MG-RDF	85	RDF	60162	20	"		Targets		2,750	2563	2382	2210	2045	1887	1734	1588	1447
	TGA	35	BTLF	60006	20	1-14"		Varmint-Targets	XX	4,200	3598	3073	2606	2183	1803	1474	1217	1051
22-250 Remington	TGA	40	BTLF	60008	20	1-12"		Varmint-Targets	XX	3,800	3295	2844	2436	2063	1727	1436	1207	1056
	NCA	50	BT	05510	20	1-14"		Varmint-Targets		3,850	3375	2950	2562	2206	1880	1588	1341	1153
22-250 Remington	VMG	55	FBHP	65150	20	"		Varmint-Targets		3,550	3049	2601	2194	1827	1505	1248	1075	970
	VMG	55	FB Tipped	65155	20	"		Varmint-Targets		3,550	3135	2757	2410	2088	1793	1530	1308	1140
22-250 Remington	TGA	55	BT	60003	20	"		Varmint-Targets		3,550	3153	2790	2455	2144	1857	1597	1373	1194
	NCA	60	PT	05505	20	1-12"		Deer Sized Game		3,450	2999	2591	2218	1877	1573	1319	1132	1014
220 Swift	TGA	64	BSB	60017	20	1-14"		Deer Sized Game		3,425	2988	2591	2228	1897	1598	1346	1159	1030
	NCA	50	BT	03077	20	1-14"		Varmint-Targets		3,900	3420	2990	2599	2240	1911	1615	1363	1169
220 Swift	NCA	60	PT	03049	20	1-12"		Deer Sized Game		3,550	3089	2673	2292	1945	1633	1367	1165	1034
	243 Winchester	VMG	55	FBHP	65160	20	1-10"		Varmint-Targets		3,800	3226	2721	2269	1862	1509	1232	1054
243 Winchester	VMG	55	FB Tipped	65165	20	"		Varmint-Targets		3,800	3355	2954	2587	2248	1936	1653	1407	1210
	TGA	85	PT	60002	20	"		Deer Sized Game		3,225	2910	2617	2342	2084	1843	1622	1426	1260
243 Winchester	BTA	90	BT	40050	20	"		Deer/Hogs/Antelope		3,100	2842	2599	2368	2149	1942	1749	1570	1410
	TGA	90	AB	48263	20	"		Deer Sized Game		3,100	2842	2599	2368	2149	1942	1749	1570	1410
243 Winchester	ETA	90	ET	40030	20	1-9"		Deer Sized Game	XX	3,000	2770	2544	2330	2125	1932	1750	1581	1427

RIFLE	CARTRIDGE	BRAND	BULLET WEIGHT	BULLET STYLE	PART #	COUNT	BBL TWIST RQMT	FOR USE	LEAD FREE	ENERGY (FT-LBS)								DROP IN INCHES (100 YRD ZERO)								DROP IN INCHES (200 YRD ZERO)																			
										MZ	100	200	300	400	500	600	700	800	MZ	100	200	300	400	500	600	700	800	MZ	100	200	300	400	500	600	700	800									
17 Remington	VGA	20	FBHP	65100	20	1-10"		Varmint-Targets		4,200	3230	2442	1780	1272	1002	869	774	695	783	463	265	141	72	45	34	27	21	-1.5	0	-1.9	-9.9	-29.3	-70.4	-146	-267.7	447.6	-1.5	1	0	-7	-25.4	-65.6	-140.3	-261	-439.9
	VGA	20	FB Tipped	65105	20	"		Varmint-Targets		4,200	3544	2978	2477	2029	1634	1312	1094	970	783	558	394	272	183	119	76	53	42	-1.5	0	-1.3	-6.6	-17.6	-37.2	-70	-123.2	-200.1	-1.5	0.6	0	-4.6	-15	-33.9	-66.1	-118.6	-200.1
204 Ruger	VGA	32	FBHP	65110	20	1-12"		Varmint-Targets		4,000	3148	2438	1832	1347	1053	911	815	739	1136	704	422	23																							

AMMUNITION APPENDIX

* 22 Nosler test bbl 18"
 * 5.56 test bbl 16"
 * 6.8 SPC test bbl 20"
 * 300 Blk test bbl 16"
 * 7.62x51 test bbl 18"
 * 26.28.30.33 Nosler test bbl 26"

BTA Ballistic Tip Ammunition
 DEFENSE Defense Ammunition
 ETA E-Tip Ammunition
 MGA Match Grade Ammunition
 NCA Nosler Custom Handloaded Ammunition
 NVSK Noveske Ammunition
 SAFARI Safari Dangerous Game Ammunition
 SSA SSA Ammunition
 TGA Trophy Grade Ammunition
 TGA-LR Trophy Grade (LONG RANGE) Ammunition
 VGA Varmageddon Ammunition

FBHP Flat Base Hollow Point
 HPBT Hollow Point Boat Tail
 SP Spitzer
 T-BND Tipped Bonded
 JHP Jacketed Hollow Point
 B-JHP Bonded Jacketed Hollow Point
 PT Partition

BTLE Ballistic Tip Lead Free
 ET E-Tip
 BSB Bonded Solid Base
 SD Solid
 BT Ballistic Tip
 AB AccuBond
 CC Custom Competition

ABLR AccuBond Long Range
 BT Glow Ballistic Glow Tip
 BT RN Ballistic Tip Round Nose
 RDF Reduced Drag Factor
 LF Lead-Free
 MZL Muzzle

RIFLE	CARTRIDGE	BRAND	BULLET WEIGHT	BULLET STYLE	PART #	COUNT	BBL TWIST RQMT	FOR USE	LEAD FREE	VELOCITY (FPS)								
										MZ	100	200	300	400	500	600	700	800
	6mm Creedmoor	VMG	70	FB Tipped	65170	20	1-10"	Varmint-Targets		3,550	3195	2869	2565	2281	2015	1769	1546	1351
		TGA	90	AB	60142	20	"	Deer Sized Game		3,200	2933	2681	2443	2218	2004	1803	1618	1449
		BTA	95	BT	40052	20	"	Deer/Hogs/Antelope		3,100	2841	2596	2365	2145	1937	1742	1563	1402
		MG-RDF	105	RDF	60135	20	1-8"	Targets		3,050	2877	2709	2546	2388	2237	2091	1950	1815
	240 WBY Mag	NCA	100	PT	10051	20	1-10"	Deer Sized Game		3,150	2894	2653	2425	2207	2001	1808	1628	1464
	25-06 Remington	TGA	100	PT	60005	20	1-10"	Deer Sized Game		3,300	3031	2778	2538	2312	2096	1893	1703	1529
		ETA	100	ET	40238	20	"	Deer Sized Game	XX	3,200	2957	2727	2508	2300	2102	1914	1737	1573
		NCA	110	AB	10210	20	"	Deer Sized Game		3,100	2867	2647	2436	2236	2045	1864	1694	1537
		BTA	115	BT	40071	20	"	Deer Sized Game		3,000	2787	2584	2390	2204	2026	1858	1699	1551
	257 Roberts +P	NCA	100	BT	11056	20	"	Deer Sized Game		3,000	2758	2529	2312	2105	1909	1726	1557	1404
		NCA	100	PT	11025	20	"	Deer Sized Game		3,000	2748	2511	2285	2071	1869	1681	1510	1357
		TGA	110	AB	60010	20	"	Deer Sized Game		3,000	2772	2556	2350	2154	1967	1790	1626	1475
		NCA	115	BT	11064	20	"	Deer Sized Game		2,800	2599	2406	2222	2046	1879	1721	1573	1438
	257 WBY Mag	NCA	100	BT	12008	20	1-10"	Deer Sized Game		3,500	3178	2880	2601	2338	2091	1859	1646	1455
		NCA	100	ET	12035	20	"	Deer Sized Game	XX	3,450	3193	2951	2722	2504	2296	2099	1912	1736
		TGA	110	AB	60012	20	"	Deer Sized Game		3,400	3151	2916	2693	2480	2278	2085	1901	1729
		NCA	115	BT	12030	20	"	Deer Sized Game		3,250	3027	2816	2614	2421	2237	2060	1892	1739
		NCA	115	PT	12043	20	"	Deer Sized Game		3,250	2992	2748	2518	2299	2091	1894	1710	1540
		NCA	120	PT	12057	20	"	Deer Sized Game		3,135	2885	2648	2424	2210	2008	1817	1639	1477
	6.5 Grendel	VGA	90	FB Tipped	65182	20	1-9"	Varmint-Targets		2,800	2549	2311	2086	1874	1677	1497	1339	1206
		MGA	123	HPBT	44501	20	"	Targets		2,400	2234	2075	1922	1777	1640	1512	1395	1269
		TGA	129	ABLR	60146	20	1-8"	Deer Sized Game		2,350	2193	2042	1896	1756	1621	1490	1364	1244
	6.5x55 Swedish	TGA	140	AB	60022	20	1-9"	Deer Sized Game		2,650	2476	2309	2149	1995	1848	1708	1577	1456
	260 Remington	NCA	100	BT	13006	20	1-9"	Deer Sized Game		3,200	2917	2652	2402	2165	1943	1735	1545	1377
		BTA	120	BT	40056	20	"	Deer/Hogs/Antelope		2,850	2649	2457	2273	2098	1930	1772	1622	1485
		NCA	120	ET	13061	20	"	Deer Sized Game	XX	2,750	2568	2394	2227	2067	1914	1769	1630	1503
		TGA	125	PT	60018	20	"	Deer Sized Game		2,800	2595	2398	2210	2031	1861	1700	1551	1415
		TGA	130	AB	60024	20	"	Deer Sized Game		2,700	2518	2342	2174	2014	1861	1715	1578	1453
		MG-RDF	130	RDF	60138	20	"	Targets		2,900	2746	2596	2450	2310	2174	2043	1916	1793
		NCA	140	PT	13063	20	"	Deer Sized Game		2,725	2542	2366	2197	2035	1880	1734	1596	1469
	6.5 Creedmoor	VGA	90	FB Tipped	65175	20	1-8"	Varmint-Targets		3,300	3019	2755	2506	2270	2047	1838	1644	1468
		BTA	120	BT	42050	20	"	Deer/Hogs/Antelope		2,900	2702	2505	2318	2138	1966	1803	1650	1508
		ETA	120	ET	40398	20	"	Deer Sized Game	XX	2,850	2669	2489	2316	2150	1991	1840	1696	1562
		TGA-LR	129	ABLR	60091	20	"	Deer Sized Game		2,850	2675	2505	2341	2184	2034	1889	1749	1614
		MGA	140	HPBT	43455	20	"	Targets		2,550	2386	2229	2077	1932	1793	1662	1539	1426
		MG-RDF	140	RDF	60115	20	"	Targets		2,650	2518	2384	2255	2131	2010	1893	1779	1669
		BTA	140	BT	40064	20	"	Deer/Hogs/Antelope		2,650	2477	2310	2150	1997	1851	1711	1581	1460
		TGA	140	AB	60080	20	"	Deer/Elk Sized Game		2,650	2477	2310	2150	1997	1851	1711	1581	1460
		TGA-LR	142	ABLR	60105	20	"	Deer/Elk Sized Game		2,600	2458	2321	2188	2059	1935	1815	1699	1585
	264 Winchester Mag	NCA	100	BT	14013	20	1-9"	Deer Sized Game		3,400	3104	2828	2568	2322	2090	1872	1670	1487
		NCA	100	PT	14022	20	"	Deer Sized Game		3,400	3083	2788	2512	2259	2008	1781	1573	1389
		NCA	120	BT	14061	20	"	Deer Sized Game		3,250	3030	2820	2621	2429	2246	2071	1904	1746
		NCA	120	ET	14065	20	"	Deer Sized Game	XX	3,050	2856	2670	2492	2321	2157	2000	1850	1707
		NCA	125	PT	14072	20	"	Deer Sized Game		3,200	2978	2767	2566	2373	2189	2013	1846	1688
		TGA	130	AB	60019	20	"	Deer Sized Game		3,100	2900	2709	2526	2350	2128	2019	1864	1718
		NCA	140	PT	14083	20	"	Deer Sized Game		2,950	2757	2573	2396	2226	2063	1907	1759	1619
	6.5 Remington Magnum	NCA	125	PT	14325	20	1-9"	Deer Sized Game		3,025	2811	2608	2414	2228	2050	1881	1721	1573
	6.5-284 Norma	NCA	120	ET	14546	20	"	Deer Sized Game	XX	2,900	2712	2533	2360	2194	2035	1884	1740	1604
		NCA	125	PT	14605	20	"	Deer Sized Game		3,000	2788	2585	2392	2207	2030	1862	1704	1559
		TGA-LR	129	ABLR	60128	20	"	Deer Sized Game		2,965	2786	2613	2445	2284	2129	1981	1838	1700
		TGA	130	AB	60021	20	"	Deer Sized Game		2,900	2709	2525	2350	2181	2019	1864	1718	1581
		TGA	140	AB	60040	20	"	Deer Sized Game		2,750	2573	2403	2239	2082	1932	1789	1653	1526
		MGA	140	HPBT	44166	20	"	Targets		2,750	2579	2414	2256	2103	1957	1817	1684	1560
		NCA	140	PT	14615	20	"	Deer Sized Game		2,700	2518	2343	2175	2014	1860	1715	1579	1453
	26 Nosler	ETA	120	ET	40302	20	1-9"	Deer Sized Game	XX	3,450	3237	3035	2842	2657	2480	2309	2145	1989
		TGA-LR	129	ABLR	60110	20	"	Deer Sized Game		3,400	3211	3025	2845	2669	2500	2337	2180	2029
		NCA	130	AB	14030	20	"	Deer Sized Game		3,400	3186	2983	2788	2602	2424	2252	2088	1932
		MGA	140	CC	51288	20	"	Targets		3,300	3113	2927	2749	2579	2414	2256	2103	1957
		TGA	140	AB	60014	20	"	Deer Sized Game		3,300	3100	2908	2725	2549	2379	2216	2061	1911
		TGA	142	ABLR	60122	20	"	Deer Sized Game		3,300	3141	2985	2833	2684	2540	2399	2264	2133

RIFLE	CARTRIDGE	BRAND	BULLET WEIGHT	BULLET STYLE	PART #	COUNT	BBL TWIST RQMT	FOR USE	LEAD FREE	ENERGY (FT-LBS)								DROP IN INCHES (100 YRD ZERO)								DROP IN INCHES (200 YRD ZERO)										
										MZ	100	200	300	400	500	600	700	800	MZ	100	200	300	400	500	600	700	800	MZ	100	200	300	400	500	600	700	800
	6mm Creedmoor	VMG	70	FB Tipped	65170	20	1-10"	Varmint-Targets		1959	1587	1279	1022	808	631	486	371	284	-1.5	0	-1.9	-8.1	-19.5	-37.7	-64.5	-102.5	-155.2	-1.5	1	0	-5.2	-15.7	-32.9	-58.8	-95.8	-147.5
		TGA	90	AB	60142	20	"	Deer Sized Game		2046	1719	1436	1193	983	803	650	523	420	-1.5	0	-2.6	-10	-23.2	-43.5	-72.6	-112.3										

AMMUNITION APPENDIX

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 * 7.62x51 test bbl 18"
 * 26.28.30.33 Nosler test bbl 26"

BTA Ballistic Tip Ammunition
 DEFENSE Defense Ammunition
 ETA E-Tip Ammunition
 MGA Match Grade Ammunition
 NCA Nosler Custom Handloaded Ammunition
 NVSK Noveske Ammunition
 SAFARI Safari Dangerous Game Ammunition
 SSA SSA Ammunition
 TGA Trophy Grade Ammunition
 TGA-LR Trophy Grade (LONG RANGE) Ammunition
 VGA Varmageddon Ammunition

FBHP Flat Base Hollow Point
 HPBT Hollow Point Boat Tail
 SP Spitzer
 T-BND Tipped Banded
 JHP Jacketed Hollow Point
 B-JHP Bonded Jacketed Hollow Point
 PT Partition

BLF Ballistic Tip Lead Free
 ET E-Tip
 BSB Bonded Solid Base
 SD Solid
 BT Ballistic Tip
 AB AccuBond
 CC Custom Competition

ABLR AccuBond Long Range
 BT Glow Ballistic Glow Tip
 BT RN Ballistic Tip Round Nose
 RDF Reduced Drag Factor
 LF Lead-Free
 MZL Muzzle

RIFLE	CARTRIDGE	BRAND	BULLET WEIGHT	BULLET STYLE	PART #	COUNT	BBL TWIST RQMT	FOR USE	LEAD FREE	VELOCITY (FPS)								
										MZ	100	200	300	400	500	600	700	800
6.8 Remington SPC	SSA*	85	ET	75015	20	1-10"		Personal Defense	XX	2,950	2610	2296	2004	1736	1497	1295	1141	1036
	SSA*	90	BSB	75020	20	"		Personal Defense		2,700	2311	1956	1637	1365	1158	1026	940	874
	SSA*	110	SP	75025	20	"		Personal Defense		2,600	2318	2054	1809	1585	1387	1224	1101	1015
	SSA*	110	AB	75030	20	"		Deer Sized Game		2,600	2363	2138	1925	1727	1545	1382	1243	1133
	SSA*	115	CC	75035	20	"		Targets		2,550	2318	2099	1892	1698	1521	1364	1230	1123
270 Winchester	TGA	130	AB	60025	20	1-10"		Deer/Elk Sized Game		3,075	2852	2641	2439	2246	2062	1887	1722	1568
	BTA	130	BT	40062	20	"		Deer/Hogs/Antelope		3,075	2852	2641	2439	2246	2062	1887	1722	1568
	ETA	130	ET	40031	20	"		Deer/Elk Sized Game	XX	2,950	2744	2548	2361	2181	2009	1846	1692	1548
	BTA	140	BT	40055	20	"		Deer/Hogs/Antelope		2,900	2712	2531	2358	2191	2032	1879	1734	1598
	NCA	140	AB	15400	20	"		Deer/Elk Sized Game		2,900	2712	2531	2358	2191	2032	1879	1734	1598
270 WSM	TGA	130	ET	60078	20	1-10"		Deer/Elk Sized Game	XX	3,200	2984	2777	2580	2391	2210	2038	1874	1719
	TGA	140	AB	60030	20	"		Deer/Elk Sized Game		3,100	2903	2715	2534	2361	2194	2034	1882	1737
	TGA-LR	150	ABLR	60114	20	"		Deer/Elk Sized Game		2,960	2800	2644	2492	2346	2205	2069	1937	1810
	NCA	150	PT	15220	20	"		Deer/Elk Sized Game		3,000	2795	2599	2412	2232	2060	1896	1741	1596
	TGA	130	ET	15020	20	1-10"		Deer/Elk Sized Game		3,450	3194	2958	2732	2517	2311	2116	1930	1755
270 WBY Magnum	NCA	130	ET	15225	20	"		Deer/Elk Sized Game	XX	3,150	2936	2731	2536	2349	2171	2000	1838	1685
	TGA-LR	150	ABLR	60150	20	"		Deer/Elk Sized Game		3,080	2917	2757	2603	2453	2308	2168	2033	1903
	NCA	150	PT	15085	20	"		Deer/Elk Sized Game		3,150	2938	2736	2543	2358	2180	2010	1849	1697
	TGA	140	AB	48545	20	1-9.5"		Deer/Elk Sized Game		3,000	2803	2615	2434	2261	2095	1936	1785	1642
	BTA	140	BT	40073	20	"		Deer/Hogs/Antelope		3,000	2803	2615	2434	2261	2095	1936	1785	1642
280 Remington	ETA	140	ET	40511	20	"		Deer/Elk Sized Game	XX	2,925	2731	2545	2366	2195	2030	1873	1725	1586
	NCA	160	PT	15805	20	"		Deer/Elk Sized Game		2,775	2584	2401	2225	2057	1897	1745	1602	1471
	BTA	120	BT	40060	20	1-9.5"		Deer/Hogs/Antelope		3,000	2772	2555	2349	2152	1965	1788	1623	1472
	BTA	140	BT	40059	20	"		Deer/Hogs/Antelope		2,825	2636	2454	2280	2113	1953	1801	1658	1525
	ETA	140	ET	40033	20	"		Deer/Elk Sized Game	XX	2,850	2662	2481	2307	2141	1983	1831	1687	1553
7mm-08 Remington	TGA	140	AB	60042	20	"		Deer/Elk Sized Game		2,825	2636	2454	2280	2113	1953	1801	1658	1525
	TGA	140	AB	47118	20	1-9.5"		Deer/Elk Sized Game		2,700	2516	2339	2170	2007	1852	1706	1569	1443
	ETA	140	ET	40481	20	"		Deer/Elk Sized Game	XX	2,700	2521	2349	2173	2010	1854	1707	1569	1441
	TGA	140	AB	60043	20	1-9.5"		Deer/Elk Sized Game		3,150	2946	2752	2566	2387	2216	2052	1895	1746
	BTA	140	BT	43504	20	"		Deer Sized Game		3,150	2946	2752	2566	2387	2216	2052	1895	1746
280 Ackley Improved	ETA	140	ET	40067	20	"		Deer/Elk Sized Game	XX	3,050	2858	2667	2484	2309	2141	1980	1826	1681
	NCA	150	ET	15750	20	"		Deer/Elk Sized Game	XX	2,900	2712	2533	2360	2194	2035	1883	1738	1602
	TGA-LR	150	ABLR	60116	20	"		Deer/Elk Sized Game		2,930	2757	2590	2428	2272	2122	1978	1839	1705
	TGA	160	AB	60076	20	"		Deer/Elk Sized Game		2,950	2770	2597	2430	2269	2115	1967	1825	1690
	TGA	160	PT	60044	20	"		Deer/Elk Sized Game		2,950	2751	2561	2379	2205	2037	1878	1727	1586
7mm SAUM	NCA	140	AB	16019	20	1-9.5"		Deer/Elk Sized Game		3,150	2946	2752	2566	2387	2216	2052	1895	1746
	NCA	150	PT	16030	20	"		Deer/Elk Sized Game		3,000	2791	2592	2401	2218	2043	1877	1720	1574
	TGA	160	AB	60045	20	"		Deer/Elk Sized Game		2,850	2676	2508	2347	2192	2042	1899	1762	1633
	NCA	160	PT	16058	20	"		Deer/Elk Sized Game		2,850	2656	2470	2291	2120	1957	1802	1655	1520
	TGA	140	AB	60033	20	1-9.5"		Deer/Elk Sized Game		3,200	2994	2798	2610	2429	2256	2090	1931	1781
7mm Remington Magnum	BTA	150	BT	40045	20	"		Deer/Hogs/Antelope		3,050	2852	2662	2480	2306	2138	1977	1824	1680
	ETA	150	ET	40032	20	"		Deer/Elk Sized Game	XX	3,000	2808	2625	2449	2280	2118	1963	1815	1675
	NCA	150	PT	18420	20	"		Deer/Elk Sized Game		3,100	2886	2683	2488	2302	2123	1953	1792	1640
	TGA	160	AB	47284	20	"		Deer/Elk Sized Game		2,925	2748	2578	2414	2256	2104	1958	1819	1687
	TGA-LR	168	ABLR	60108	20	"		Deer/Elk Sized Game		2,880	2728	2580	2436	2297	2163	2034	1909	1787
7mm STW	NCA	175	PT	18410	20	"		Deer/Elk Sized Game		2,800	2624	2454	2292	2135	1984	1840	1704	1576
	NCA	140	AB	17036	20	"		Deer/Elk Sized Game		3,300	3086	2889	2697	2513	2337	2167	2005	1850
	TGA	140	PT	60046	20	"		Deer/Elk Sized Game		3,300	3065	2843	2631	2429	2236	2052	1877	1713
	TGA	160	AB	60047	20	"		Deer/Elk Sized Game		3,075	2892	2716	2547	2385	2228	2077	1932	1794
	NCA	160	PT	17071	20	"		Deer/Elk Sized Game		3,075	2871	2676	2489	2310	2138	1974	1818	1670
7mm WBY Magnum	TGA-LR	175	ABLR	60104	20	"		Deer/Elk Sized Game		2,900	2755	2613	2475	2342	2213	2088	1967	1850
	NCA	140	AB	18022	20	1-10"		Deer/Elk Sized Game		3,340	3127	2925	2732	2546	2369	2198	2034	1878
	NCA	150	PT	18046	20	"		Deer/Elk Sized Game		3,175	2957	2751	2553	2364	2183	2010	1845	1690
	NCA	160	AB	18063	20	"		Deer/Elk Sized Game		3,050	2868	2693	2525	2363	2207	2057	1913	1776
	TGA	160	AB	60048	20	1-9.5"		Deer/Elk Sized Game		3,225	3035	2854	2680	2512	2351	2195	2046	1902
7mm RUM	NCA	160	PT	18705	20	"		Deer/Elk Sized Game		3,225	3013	2812	2620	2435	2259	2089	1927	1773
	TGA-LR	175	ABLR	60120	20	"		Deer/Elk Sized Game		3,040	2891	2746	2605	2468	2334	2205	2081	1960

MZL	ENERGY (FT-LBS)								DROP IN INCHES (100 YRD ZERO)								DROP IN INCHES (200 YRD ZERO)									
	100	200	300	400	500	600	700	800	MZL	100	200	300	400	500	600	700	800	MZL	100	200	300	400	500	600	700	800
1642	1286	995	758	569	423	317	246	203	-1.5	0	-3.6	-13.9	-32.9	-63.5	-109.7	-176.7	-270	-1.5	1.8	0	-8.5	-25.6	-54.4	-98.8	-164	-255.9
1457	1067	764	535	372	268	210	176	153	-1.5	0	-5.1	-19.3	-46.7	-92.9	-165	-270.1	-414.6	-1.5	2.5	0	-11.7	-36.6	-80.2	-149.8	-252.3	-394.3
1651	1312	1030	799	613	470	366	296	252	-1.5	0	-5	-18.3	-42.3	-80.2	-136.2	-215.5	-323.5	-1.5	2.5	0	-10.8	-32.3	-67.7	-121.2	-198	-303.5
1651	1363	1116	905	729	583	467	378	313	-1.5	0	-4.7	-17.1	-38.9	-72.4	-120.6	-186.9	-275.8	-1.5	2.4	0	-10	-29.4	-60.6	-106.3	-170.3	-256.8
1660	1372	1124	913	736	591	475	386	322	-1.5	0	-5	-17.9	-40.6	-75.3	-125.2	-193.8	-285.4	-1.5	2.5	0						

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 ET E-Tip
 BSB Bonded Solid Base
 SD Solid
 BT Ballistic Tip
 AB AccuBond
 CC Custom Competition

ABLR AccuBond Long Range
 BT Glow Ballistic Glow Tip
 BT RN Ballistic Tip Round Nose
 RDF Reduced Drag Factor
 LF Lead-Free
 MZL Muzzle

RIFLE	CARTRIDGE	BRAND	BULLET WEIGHT	BULLET STYLE	PART #	COUNT	BBL TWIST RQMT	FOR USE	LEAD FREE	VELOCITY (FPS)							
										MZ	100	200	300	400	500	600	700
28 Nosler	ETA	150	ETA	40039	20	1-9"	Deer/Elk Sized Game	XX	3,250	3054	2859	2674	2496	2324	2160	2002	1851
	TGA	160	AB	60035	20	"	Deer/Elk Sized Game		3,300	3114	2930	2753	2583	2420	2262	2110	1964
	MGA	168	CC	51287	20	"	Targets		3,075	2894	2715	2542	2376	2217	2063	1916	1776
	TGA	175	ABLR	60155	20	"	Deer/Elk Sized Game		3,125	2975	2827	2684	2544	2409	2277	2150	2028
	MG-RDF	185	RDF	60141	20	"	Targets		2,950	2816	2685	2536	2433	2312	2195	2081	1971
300 AAC Blackout	VMG*	110	FB Tipped	40127	20	1-8"	Varmints-Targets		2,150	1886	1646	1432	1254	1120	1028	961	907
	NVSK*	110	FB Tipped	52228	20	"	Varmints-Targets		2,150	1886	1646	1432	1254	1120	1028	961	907
	ETA*	110	ET	40660	20	"	Deer/Hogs	XX	2,300	1970	1672	1413	1205	1063	972	904	850
	MGA*	125	BT	43924	20	"	Varmints-Targets- Deer		2,250	2031	1826	1636	1464	1314	1189	1095	1025
	NVSK*	220	BT Glow	52235	20	"	Deer/Hogs		1,020	989	962	937	915	894	875	857	840
30/30 Winchester	SSA*	220	BT RN	75055	20	"	Deer/Hogs		1,020	989	962	937	915	894	875	857	840
	MGA*	220	CC	51275	20	"	Targets		1,020	989	962	937	915	894	875	857	840
	BTA	150	BT RN	40065	20	1-12"	Deer/Hogs/Antelope		2,100	1778	1494	1261	1097	992	917	858	807
	ETA	150	ET RN	40670	20	"	Deer/Hogs/Antelope	XX	2,250	2024	1805	1603	1423	1268	1144	1054	988
	SSA	123	FB Tipped	75070	20	1-9.45"	Varmints-Targets		2,350	2081	1841	1612	1410	1241	1112	1023	957
7.62x39mm	BTA	123	BT	40069	20	"	Deer/Hogs		2,350	2089	1845	1622	1423	1255	1125	1034	967
	ETA	123	ET	40040	20	"	Deer/Hogs	XX	2,350	2099	1865	1649	1455	1288	1154	1058	988
	NVSK*	110	FB Tipped	52214	20	1-10"	Deer Sized Game		2,950	2633	2337	2062	1807	1575	1372	1208	1088
	NVSK*	168	BT Glow	52221	20	"	Deer Sized Game		2,500	2326	2159	2000	1848	1703	1568	1444	1332
	VMG	110	FB Tipped	40272	20	1-10"	Varmints-Targets		3,150	2818	2510	2222	1953	1706	1485	1297	1151
308 Winchester	BTA	125	BT	40061	20	"	Deer/Hogs/Antelope		3,100	2836	2587	2351	2128	1918	1722	1541	1381
	TGA	150	AB	60056	20	"	Deer/Elk Sized Game		2,875	2662	2459	2265	2080	1904	1738	1584	1442
	ETA	150	ET	40034	20	"	Deer/Elk Sized Game	XX	2,750	2558	2374	2198	2030	1870	1718	1576	1446
	MGA	155	HPBT	60052	20	"	Targets		2,850	2645	2450	2262	2083	1913	1752	1601	1463
	BTA	165	BT	40063	20	"	Deer/Hogs/Antelope		2,800	2608	2424	2247	2078	1917	1764	1620	1487
7.62x51mm NATO	TGA	165	AB	60049	20	"	Deer/Elk Sized Game		2,800	2608	2424	2247	2078	1917	1764	1620	1487
	TGA	165	PT	60053	20	"	Deer/Elk Sized Game		2,800	2578	2367	2166	1975	1795	1627	1473	1336
	TGA-LR	168	ABLR	60101	20	"	Deer/Elk Sized Game		2,750	2577	2409	2248	2094	1945	1803	1665	1531
	MGA	168	HPBT	75040	20	"	Targets		2,750	2555	2368	2189	2018	1855	1701	1558	1427
	ETA	168	ET	40035	20	"	Deer/Elk Sized Game	XX	2,750	2570	2398	2232	2073	1920	1775	1638	1511
308 Winchester	DEFENSE	168	BSB	39685	20	"	Personal Defense		2,750	2526	2312	2110	1919	1738	1571	1420	1288
	SSA	175	HPBT	75045	20	"	Targets		2,500	2330	2168	2012	1863	1721	1589	1466	1354
	MGA	175	HPBT	60072	20	"	Targets		2,600	2425	2256	2095	1940	1792	1653	1523	1404
	MGA-RDF	175	RDF	60132	20	"	Targets		2,650	2489	2329	2175	2027	1884	1747	1614	1485
	BTA	125	BT	40068	20	1-12"	Deer/Hogs/Antelope		3,100	2836	2587	2351	2128	1918	1722	1541	1381
30-06 Springfield	TGA	150	PT	60055	20	"	Deer/Elk Sized Game		3,000	2755	2523	2302	2093	1895	1710	1539	1387
	SSA	155	CC	75050	20	"	Targets		2,850	2645	2450	2262	2083	1913	1752	1601	1463
	TGA	165	AB	60057	20	"	Deer/Elk Sized Game		2,800	2608	2424	2247	2078	1917	1764	1620	1487
	BTA	165	BT	40043	20	"	Deer/Hogs/Antelope		2,800	2608	2424	2247	2078	1917	1764	1620	1487
	TGA-LR	168	ABLR	60102	20	"	Deer/Elk Sized Game		2,800	2625	2456	2293	2137	1987	1842	1703	1568
300 SAUM	ETA	168	ET	40036	20	"	Deer/Elk Sized Game	XX	2,800	2618	2444	2276	2115	1961	1814	1675	1545
	BTA	180	BT	40072	20	"	Deer/Hogs/Antelope		2,750	2572	2400	2236	2078	1926	1782	1646	1519
	ETA	180	ET	40037	20	"	Deer/Elk/Moose Sized Game	XX	2,750	2578	2412	2252	2098	1952	1811	1677	1552
	TGA	180	AB	46134	20	"	Deer/Elk/Moose Sized Game		2,750	2572	2400	2236	2078	1926	1782	1646	1519
	NCA	180	PT	23425	20	"	Deer/Elk/Moose Sized Game		2,750	2559	2377	2202	2035	1875	1724	1583	1453
300 WSM	NCA	200	AB	23405	20	"	Deer/Elk/Moose Sized Game		2,550	2402	2260	2122	1989	1862	1740	1625	1516
	NCA	150	BT	19020	20	1-10"	Deer Sized Game		3,200	2971	2754	2547	2349	2160	1980	1809	1650
	NCA	150	AB	19045	20	"	Deer/Elk Sized Game		3,200	2971	2754	2547	2349	2160	1980	1809	1650
	NCA	150	PT	19015	20	"	Deer/Elk Sized Game		3,200	2943	2701	2472	2254	2047	1852	1670	1503
	NCA	165	BT	19030	20	"	Deer Sized Game		3,000	2799	2607	2423	2247	2078	1916	1763	1619
300 SAUM	TGA	165	PT	60061	20	"	Deer/Elk Sized Game		3,000	2768	2548	2338	2139	1949	1770	1604	1453
	NCA	180	AB	19005	20	"	Deer/Elk/Moose Sized Game		2,900	2716	2539	2369	2206	2049	1898	1756	1621
	TGA	180	PT	60062	20	"	Deer/Elk/Moose Sized Game		2,900	2703	2515	2334	2161	1995	1838	1689	1550
	NCA	180	ET	19012	20	"	Deer/Elk/Moose Sized Game	XX	2,900	2721	2549	2384	2225	2072	1925	1786	1653
	NCA	200	AB	19040	20	"	Deer/Elk/Moose Sized Game		2,800	2644	2494	2348	2208	2072	1941	1816	1696
300 WSM	NCA	200	PT	19035	20	"	Deer/Elk/Moose Sized Game		2,800	2610	2428	2254	2086	1927	1775	1632	1500
	TGA	180	AB	60063	20	1-10"	Deer/Elk/Moose Sized Game		2,900	2716	2539	2369	2206	2049	1898	1756	1621
	TGA	180	ET	60079	20	"	Deer/Elk/Moose Sized Game	XX	2,850	2671	2499	2334	2174	2021	1875	1736	1605
	TGA-LR	190	ABLR	60106	20	"	Deer/Elk Sized Game		2,875	2718	2566	2419	2277	2139	2007	1879	1755

RIFLE	CARTRIDGE	BRAND	BULLET WEIGHT	BULLET STYLE	PART #	COUNT	BBL TWIST RQMT	FOR USE	LEAD FREE	ENERGY (FT-LBS)								DROP IN INCHES (100 YRD ZERO)								DROP IN INCHES (200 YRD ZERO)									
										MZ	100	200	300	400	500	600	700	800	MZ	100	200	300	400	500	600	700	800	MZ	100	200	300	400	500	600	700
28 Nosler	ETA	150	ETA	40039	20	1-9"	Deer/Elk Sized Game	XX	3,250	3054	2859	2674	2496	2324	2160	2002	1851	-1.5	0	-2.2	-8.7	-20.1	-37	-60.4	-91.3	-130.9	-1.5	1.1	0	-5.4	-15.6	-31.5	-53.7	-83.5	-121.9
	TGA	160	AB	60035	20	"	Deer/Elk Sized Game		3,300	3114	2930	2753	2583	2420	2262	2110	1964	-1.5	0	-2.1	-8.3	-19	-35	-57	-85.9	-122.6	-1.5	1.1	0	-5.1	-14.9	-29.8	-50.8	-78.6	-114.2
	MGA	168	CC	51287	20	"	Targets		3,075	2894	2715	2542	2376	2217	2063	1916	1776	-1.5	0	-2.7	-10	-22.8	-41.7	-67.7	-101.9	-145.6	-1.5	1.3	0	-6.1	-17.5	-35.1	-59.8	-92.6	-135
	TGA	175	ABLR	60155	20	"	Deer/Elk Sized Game		3,125	2975	2827	2684	2544	2409	2277</																				

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RIFLE	CARTRIDGE	BRAND	BULLET WEIGHT	BULLET STYLE	PART #	COUNT	BBL TWIST RQMT	FOR USE	LEAD FREE	VELOCITY (FPS)								
										MZ	100	200	300	400	500	600	700	800
300 Winchester Magnum	NCA	165	PT	23320	20	1-10"		Deer/Elk Sized Game		3,100	2863	2638	2424	2221	2027	1843	1672	1514
	TGA	180	AB	60059	20	"		Deer/Elk/Moose Sized Game		2,950	2763	2585	2413	2248	2089	1937	1793	1656
	BTA	180	BT	40053	20	"		Deer/Hogs/Antelope		2,950	2763	2585	2413	2248	2089	1937	1793	1656
	ETA	180	ET	40038	20	"		Deer/Elk/Moose Sized Game	XX	2,950	2770	2596	2430	2269	2115	1968	1827	1692
	TGA-LR	190	ABLR	60126	20	"		Deer/Elk Sized Game		2,870	2714	2562	2414	2272	2135	2003	1875	1751
	NCA	200	AB	23300	20	"		Deer/Elk/Moose Sized Game		2,800	2644	2494	2348	2208	2072	1941	1816	1696
	TGA	200	PT	60069	20	"		Deer/Elk/Moose Sized Game		2,750	2562	2382	2210	2044	1886	1737	1597	1467
	MGA-RDF	210	RDF	60158	20	"		Targets		2,750	2617	2488	2363	2241	2123	2009	1898	1790
	NCA	150	AB	20002	20	1-10"		Deer/Elk Sized Game		3,200	2914	2754	2547	2349	2160	1980	1809	1650
	TGA	165	AB	60071	20	"		Deer/Elk Sized Game		3,000	2799	2607	2423	2247	2078	1916	1763	1619

RIFLE	CARTRIDGE	BRAND	BULLET WEIGHT	BULLET STYLE	PART #	COUNT	BBL TWIST RQMT	FOR USE	LEAD FREE	ENERGY (FT-LBS)								DROP IN INCHES (100 YRD ZERO)								DROP IN INCHES (200 YRD ZERO)																			
										MZ	100	200	300	400	500	600	700	800	MZ	100	200	300	400	500	600	700	800	MZ	100	200	300	400	500	600	700	800									
300 H&H Magnum	NCA	150	AB	20002	20	1-10"		Deer/Elk Sized Game		3,200	2914	2754	2547	2349	2160	1980	1809	1650	3520	3003	2550	2153	1806	1505	1245	1024	840	-1.5	0	-2.7	-10.5	-24.2	-44.9	-74.2	-113.7	-165.6	-1.5	1.4	0	-6.4	-18.7	-38.1	-65.9	-104	-154.6
	TGA	165	AB	60071	20	"		Deer/Elk Sized Game		3,000	2799	2607	2423	2247	2078	1916	1763	1619	3477	3052	2671	2328	2020	1745	1500	1284	1096	-1.5	0	-3.1	-11.3	-25.6	-46.7	-75.8	-114.2	-163.4	-1.5	1.5	0	-6.7	-19.4	-39	-66.6	-103.5	-151.2
	NCA	180	ET	13072	20	"		Deer/Elk/Moose Sized Game	XX	2,950	2769	2596	2430	2269	2115	1968	1827	1692	3477	3052	2671	2328	2020	1745	1500	1284	1096	-1.5	0	-3.1	-11.3	-25.6	-46.7	-75.8	-114.2	-163.4	-1.5	1.5	0	-6.7	-19.4	-39	-66.6	-103.5	-151.2
	TGA	180	AB	60060	20	"		Deer/Elk/Moose Sized Game		2,950	2763	2585	2413	2248	2089	1937	1793	1656	3478	3065	2694	2360	2058	1788	1547	1333	1144	-1.5	0	-3	-11.2	-25.3	-46.2	-74.8	-112.5	-160.6	-1.5	1.5	0	-6.7	-19.3	-38.6	-65.7	-101.8	-148.4
	NCA	180	PT	20063	20	"		Deer/Elk/Moose Sized Game		2,950	2714	2562	2414	2272	2135	2003	1875	1751	3474	3106	2768	2459	2178	1923	1692	1483	1293	-1.5	0	-3.2	-11.8	-26.3	-47.5	-77.4	-113.9	-161.4	-1.5	1.6	0	-6.9	-19.8	-39.4	-66.7	-102.6	-148.5
	NCA	200	AB	20070	20	"		Deer/Elk/Moose Sized Game		2,750	2596	2447	2303	2164	2030	1901	1777	1659	3481	3104	2761	2449	2164	1906	1673	1464	1277	-1.5	0	-3.5	-12.5	-27.9	-50.4	-81.1	-120.9	-171.3	-1.5	1.7	0	-7.3	-21	-41.8	-70.6	-108.8	-157.4
	NCA	200	PT	20084	20	"		Deer/Elk/Moose Sized Game		2,750	2562	2382	2210	2044	1886	1737	1597	1467	3357	2915	2520	2168	1856	1580	1340	1132	956	-1.5	0	-3.8	-13.7	-30.8	-56.2	-91.4	-138.1	-198.5	-1.5	1.9	0	-8	-23.2	-46.7	-80	-124.8	-183.3
	NCA	150	AB	20002	20	1-10"		Deer/Elk Sized Game		3,200	2914	2754	2547	2349	2160	1980	1809	1650	3526	3194	2886	2603	2341	2101	1881	1679	1493	-1.5	0	-3.6	-12.8	-28.2	-50.6	-80.6	-119.3	-167.7	-1.5	1.8	0	-7.4	-21	-41.6	-69.9	-106.8	-153.4
	TGA	165	AB	60071	20	"		Deer/Elk Sized Game		3,000	2799	2607	2423	2247	2078	1916	1763	1619	3410	2940	2526	2160	1838	1554	1306	1090	906	-1.5	0	-2.4	-9.5	-21.9	-40.6	-66.8	-101.9	-147.6	-1.5	1.2	0	-5.8	-17	-34.5	-59.5	-93.3	-137.8
	NCA	180	ET	13072	20	"		Deer/Elk/Moose Sized Game	XX	2,950	2769	2596	2430	2269	2115	1968	1827	1692	3296	2870	2490	2151	1850	1582	1345	1139	961	-1.5	0	-2.9	-11	-25	-45.9	-74.8	-113.3	-162.9	-1.5	1.5	0	-6.6	-19.1	-38.5	-66	-103	-151.2

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 JHP Jacketed Hollow Point
 B-JHP Bonded Jacketed Hollow Point
 PT Partition

BTLE Ballistic Tip Lead Free
 ET E-Tip
 BSB Bonded Solid Base
 SD Solid
 BT Ballistic Tip
 AB AccuBond
 CC Custom Competition

ABLR AccuBond Long Range
 BT Glow Ballistic Glow Tip
 BT RN Ballistic Tip Round Nose
 RDF Reduced Drag Factor
 LF Lead-Free
 MZL Muzzle

RIFLE	CARTRIDGE	BRAND	BULLET WEIGHT	BULLET STYLE	PART #	COUNT	BBL TWIST RQMT	FOR USE	LEAD FREE	VELOCITY (FPS)								
										MZ	100	200	300	400	500	600	700	800
338 Winchester Magnum	NCA	180	AB	25042	20	"	1-10"	Deer/Elk/Moose Sized Game		3,100	2839	2594	2361	2140	1932	1737	1557	1397
	NCA	200	AB	25050	20	"	"	Deer/Elk/Moose Sized Game		2,950	2723	2507	2301	2105	1919	1744	1582	1434
	NCA	200	ET	13452	20	"	"	Deer/Elk/Moose Sized Game	XX	2,900	2681	2473	2275	2086	1907	1737	1579	1436
	NCA	210	PT	25019	20	"	"	Deer/Elk/Moose Sized Game		2,950	2715	2492	2280	2079	1888	1709	1544	1395
	TGA	225	AB	60074	20	"	"	Deer/Elk/Moose Sized Game		2,750	2585	2427	2274	2126	1984	1849	1719	1597
	TGA	225	ET	60088	20	"	"	Deer/Elk/Moose Sized Game	XX	2,750	2602	2459	2320	2186	2057	1932	1812	1697
	NCA	225	PT	25036	20	"	"	Deer/Elk/Moose Sized Game		2,750	2551	2361	2180	2006	1841	1686	1541	1410
	TGA	250	AB	60086	20	"	"	Deer/Elk/Moose Sized Game		2,650	2496	2347	2203	2065	1931	1803	1682	1567
	TGA	250	PT	60082	20	"	"	Deer/Elk/Moose Sized Game		2,600	2415	2238	2069	1907	1754	1610	1478	1358
	338 RUM	NCA	200	AB	24001	20	"	1-10"	Deer/Elk/Moose Sized Game		3,150	2912	2687	2473	2269	2075	1890	1717
TGA		225	AB	60083	20	"	"	Deer/Elk/Moose Sized Game		2,975	2802	2636	2475	2321	2171	2028	1890	1759
NCA		225	PT	24044	20	"	"	Deer/Elk/Moose Sized Game		2,975	2766	2567	2377	2194	2020	1854	1698	1553
TGA		250	AB	48952	20	"	"	Deer/Elk/Moose Sized Game		2,850	2689	2533	2384	2239	2099	1964	1835	1711
NCA		250	PT	24056	20	"	"	Deer/Elk/Moose Sized Game		2,850	2655	2468	2289	2118	1954	1798	1651	1515
340 WBY Magnum	NCA	200	AB	29022	20	"	1-10"	Deer/Elk/Moose Sized Game		3,100	2865	2642	2430	2228	2036	1854	1683	1526
	NCA	210	PT	29033	20	"	"	Deer/Elk/Moose Sized Game		2,950	2715	2493	2281	2080	1891	1712	1547	1399
	NCA	225	AB	29040	20	"	"	Deer/Elk/Moose Sized Game		2,900	2730	2566	2408	2256	2109	1968	1833	1704
	NCA	225	PT	29059	20	"	"	Deer/Elk/Moose Sized Game		2,900	2695	2499	2311	2131	1960	1798	1645	1504
	NCA	250	PT	29099	20	"	"	Deer/Elk/Moose Sized Game		2,800	2607	2422	2245	2075	1913	1760	1616	1483
338 Lapua Magnum	TGA	225	AB	60085	20	"	1-10"	Deer/Elk/Moose Sized Game		3,000	2826	2659	2498	2342	2192	2048	1909	1777
	NCA	250	AB	28075	20	"	"	Deer/Elk/Moose Sized Game		2,850	2689	2533	2384	2239	2099	1964	1835	1711
	MGA	300	HPBT	43136	20	"	"	Targets		2,650	2533	2420	2309	2202	2097	1995	1896	1801
	TGA	300	AB	49323	20	"	"	Deer/Elk/Moose Sized Game		2,650	2526	2406	2289	2176	2066	1959	1855	1755
33 Nosler	TGA	225	AB	60098	20	"	1-10"	Deer/Elk/Moose Sized Game		3,025	2856	2687	2525	2369	2218	2072	1933	1799
	ETA	225	ET	40042	20	"	"	Deer/Elk/Moose Sized Game	XX	2,975	2823	2671	2524	2382	2244	2111	1983	1859
	TGA	250	PT	60134	20	"	"	Deer/Elk/Moose Sized Game		2,750	2557	2372	2195	2025	1863	1710	1568	1437
	TGA-LR	265	ABLR	60099	20	"	"	Deer/Elk/Moose Sized Game		2,775	2649	2527	2407	2291	2178	2069	1962	1859
338-378 WBY Magnum	MGA	300	CC	60031	20	"	"	Targets		2,550	2445	2339	2235	2134	2036	1940	1847	1758
	NCA	225	AB	27031	20	"	1-10"	Deer/Elk/Moose Sized Game		3,250	3066	2889	2720	2556	2399	2247	2101	1960
35 Whelen	NCA	250	PT	27068	20	"	"	Deer/Elk/Moose Sized Game		3,050	2846	2651	2465	2286	2114	1951	1795	1649
	NCA	200	AB	14322	20	"	1-16"	Deer/Elk/Moose Sized Game		2,700	2458	2278	2102	1809	1620	1450	1301	1180
	TGA	225	AB	60081	20	"	"	Deer/Elk/Moose Sized Game		2,750	2559	2376	2201	2033	1873	1722	1581	1451
	NCA	225	PT	30016	20	"	"	Deer/Elk/Moose Sized Game		2,750	2540	2341	2150	1968	1797	1636	1488	1356
350 Remington Magnum	NCA	250	PT	30020	20	"	"	Deer/Elk/Moose Sized Game		2,550	2356	2172	1995	1828	1671	1525	1393	1277
	NCA	225	PT	31010	20	"	1-16"	Deer/Elk/Moose Sized Game		2,550	2349	2158	1976	1804	1643	1494	1361	1246

RIFLE	CARTRIDGE	BRAND	BULLET WEIGHT	BULLET STYLE	PART #	COUNT	BBL TWIST RQMT	FOR USE	LEAD FREE	ENERGY (FT-LBS)								DROP IN INCHES (100 YRD ZERO)								DROP IN INCHES (200 YRD ZERO)										
										MZL	100	200	300	400	500	600	700	800	MZL	100	200	300	400	500	600	700	800	MZL	100	200	300	400	500	600	700	800
338 Winchester Magnum	NCA	180	AB	25042	20	"	1-10"	Deer/Elk/Moose Sized Game		3840	3222	2689	2228	1830	1491	1205	969	780	-1.5	0	-2.8	-10.8	-25.1	-47	-78.2	-121	-178.1	-1.5	1.4	0	-6.6	-19.4	-39.9	-69.7	-111.1	-166.9
	NCA	200	AB	25050	20	"	"	Deer/Elk/Moose Sized Game		3864	3292	2791	2352	1968	1636	1351	1111	913	-1.5	0	-3.2	-11.9	-27.3	-50.4	-83.1	-127.2	-185.2	-1.5	1.6	0	-7.1	-20.9	-42.4	-73.5	-116	-172.4
	NCA	200	ET	13452	20	"	"	Deer/Elk/Moose Sized Game	XX	3734	3193	2717	2297	1932	1614	1340	1108	916	-1.5	0	-3.3	-12.4	-28.2	-51.9	-85.3	-130.3	-189.2	-1.5	1.7	0	-7.4	-21.5	-43.6	-75.3	-118.5	-175.8
	NCA	210	PT	25019	20	"	"	Deer/Elk/Moose Sized Game		4057	3437	2896	2425	2015	1662	1362	1111	908	-1.5	0	-3.2	-12.1	-27.6	-51.2	-84.6	-129.9	-189.9	-1.5	1.6	0	-7.2	-21.1	-43.1	-74.9	-118.6	-177.0
	TGA	225	AB	60074	20	"	"	Deer/Elk/Moose Sized Game		3777	3339	2942	2583	2259	1968	1707	1477	1274	-1.5	0	-3.7	-13.3	-29.7	-53.7	-86.6	-129.6	-184.5	-1.5	1.9	0	-7.8	-22.3	-44.4	-75.5	-116.7	-169.7
	TGA	225	ET	60088	20	"	"	Deer/Elk/Moose Sized Game	XX	3778	3382	3021	2689	2387	2113	1865	1641	1439	-1.5	0	-3.6	-13	-28.9	-52	-83.4	-124	-175.4	-1.5	1.8	0	-7.6	-21.6	-43	-72.5	-111.3	-160.8
	NCA	225	PT	25036	20	"	"	Deer/Elk/Moose Sized Game		3777	3252	2786	2373	2010	1693	1420	1187	993	-1.5	0	-3.8	-13.9	-31.4	-57.5	-93.8	-142.4	-205.7	-1.5	1.9	0	-8.2	-23.7	-47.8	-82.3	-129	-190.3
	TGA	250	AB	60086	20	"	"	Deer/Elk/Moose Sized Game		3897	3458	3058	2695	2366	2070	1805	1570	1363	-1.5	0	-4.1	-14.5	-32.1	-57.8	-92.9	-138.6	-196.7	-1.5	2	0	-8.4	-23.9	-47.6	-80.6	-124.3	-180.3
	TGA	250	PT	60082	20	"	"	Deer/Elk/Moose Sized Game		3751	3238	2781	2376	2019	1708	1440	1212	1023	-1.5	0	-4.5	-15.9	-35.4	-64.6	-96.6	-150.8	-228.7	-1.5	2.2	0	-9.2	-26.5	-53.4	-91.6	-143.3	-210.8
	338 RUM	NCA	200	AB	24001	20	"	1-10"	Deer/Elk/Moose Sized Game		4405	3767	3207	2717	2287	1911	1587	1309	1076	-1.5	0	-2.6	-10	-23.2	-43	-71	-108.8	-158.3	-1.5	1.3	0	-6.1	-17.9	-36.5	-63.2	-99.7
TGA		225	AB	60083	20	"	"	Deer/Elk/Moose Sized Game		4421	3922	3470	3061	2691	2356	2054	1785	1545	-1.5	0	-2.9	-10.9	-24.5	-44.6	-72	-108	-153.6	-1.5	1.5	0	-6.5	-18.6	-37.2	-63.2	-97.7	-141.9
NCA		225	PT	24044	20	"	"	Deer/Elk/Moose Sized Game		4421	3823	3292	2822	2405	2038	1717	1440	1204	-1.5	0	-3	-11.4	-25.9	-47.6	-77.9	-118.3	-170.8	-1.5	1.5	0	-6.8	-19.8	-40	-68.7	-107.6	-158.6
TGA		250	AB	48952	20	"	"	Deer/Elk/Moose Sized Game		4508	4013	3563	3145	2782	2445	2141	1869	1626	-1.5	0	-3.3	-12	-26.9	-48.7	-78.4	-117.1	-166.2	-1.5	1.7	0	-7.1	-20.3	-40.4	-68.5	-106.5	-152.9
NCA		250	PT	24056	20	"	"	Deer/Elk/Moose Sized Game		4508	3913	3382	2909	2489	2119	1794	1514	1274	-1.5	0	-3.4	-12.6	-28.4	-52	-84.6	-128.1	-184.3	-1.5	1.7	0	-7.4	-21.5	-43.4	-74.3	-116.1	-170.6
340 WBY Magnum	NCA	20																																		

AMMUNITION APPENDIX

* 22 Nosler test bbl 18"
 * 5.56 test bbl 16"
 * 6.8 SPC test bbl 20"
 * 300 Blk test bbl 16"
 * 7.62x51 test bbl 18"
 * 26.28.30.33 Nosler test bbl 26"

BTA Ballistic Tip Ammunition
 DEFENSE Defense Ammunition
 ETA E-Tip Ammunition
 MGA Match Grade Ammunition
 NCA Nosler Custom Handloaded Ammunition
 NVSK Noveske Ammunition
 SAFARI Safari Dangerous Game Ammunition
 SSA SSA Ammunition
 TGA Trophy Grade Ammunition
 TGA-LR Trophy Grade (LONG RANGE) Ammunition
 VGA Varmageddon Ammunition

FBHP Flat Base Hollow Point
 HPBT Hollow Point Boat Tail
 SP Spitzer
 T-BND Tipped Bonded
 JHP Jacketed Hollow Point
 B-JHP Bonded Jacketed Hollow Point
 PT Partition

BTLE Ballistic Tip Lead Free
 ET E-Tip
 BSB Bonded Solid Base
 SD Solid
 BT Ballistic Tip
 AB AccuBond
 CC Custom Competition

ABLR AccuBond Long Range
 BT Glow Ballistic Glow Tip
 BT RN Ballistic Tip Round Nose
 RDF Reduced Drag Factor
 LF Lead-Free
 MZL Muzzle

SAFARI AMMUNITION

CARTRIDGE	BRAND	BULLET WEIGHT	BULLET STYLE	PART #	COUNT	BBL TWIST RQMT	FOR USE	VELOCITY (FPS)						
								MZL	50	100	150	200	250	300
9.3x62 Mauser	TGA	250	AB	48634	20	1-10"	Bear/Moose	2,550	2462	2376	2291	2208	2127	2048
	ETA	250	ET	40393	20	"	Bear/Moose	2,425	2338	2253	2170	2088	2008	1930
	SAFARI	286	PT	40602	20	"	Bear/Moose- Dangerous Game	2,350	2263	2179	2096	2015	1936	1859
9.3x74 R	SAFARI	286	SD	40604	20	"	Dangerous Game	2,400	2280	2163	2050	1941	1835	1733
	NCA	250	AB	33033	20	1-14"	Bear/Moose	2,550	2462	2376	2291	2208	2127	2048
375 Flanged	NCA	286	PT	33048	20	"	Bear/Moose- Dangerous Game	2,300	2214	2131	2049	1969	1891	1815
	TGA	300	PT	40610	20	1-12"	Bear/Moose- Dangerous Game	2,400	2294	2191	2091	1993	1898	1806
375 H&H Magnum	SAFARI	300	SD	40612	20	"	Dangerous Game	2,400	2260	2125	1995	1870	1750	1636
	NCA	260	AB	34010	20	1-12"	Bear/Moose- Dangerous Game	2,750	2653	2559	2467	2376	2288	2201
375 RUM	ETA	260	ET	40395	20	"	Bear/Moose- Dangerous Game	2,700	2606	2514	2423	2335	2248	2163
	TGA	260	PT	60090	20	"	Bear/Moose- Dangerous Game	2,750	2605	2466	2330	2199	2072	1949
	TGA	300	AB	60070	20	"	Bear/Moose- Dangerous Game	2,400	2313	2228	2144	2063	1983	1905
	TGA	300	PT	40606	20	"	Bear/Moose- Dangerous Game	2,450	2343	2239	2137	2038	1942	1849
	TGA	300	SD	40608	20	"	Dangerous Game	2,550	2405	2265	2130	2000	1874	1754
375 WBY Magnum	NCA	260	AB	35016	20	1-12"	Bear/Moose- Dangerous Game	2,950	2849	2750	2654	2560	2468	2377
	NCA	260	PT	35032	20	"	Bear/Moose- Dangerous Game	2,950	2799	2653	2512	2375	2242	2114
	NCA	300	PT	35055	20	"	Bear/Moose- Dangerous Game	2,750	2635	2524	2415	2309	2206	2105
375 WBV Magnum	NCA	260	AB	36008	20	1-12"	Bear/Moose- Dangerous Game	3,000	2898	2798	2701	2606	2512	2421
	NCA	260	PT	36026	20	"	Bear/Moose- Dangerous Game	3,000	2847	2700	2557	2419	2285	2155
378 WBV Magnum	NCA	260	AB	37042	20	1-12"	Bear/Moose- Dangerous Game	3,100	2995	2894	2794	2697	2602	2509
	NCA	300	PT	37079	20	"	Bear/Moose- Dangerous Game	2,850	2733	2619	2509	2400	2295	2192
404 Jeffery	SAFARI	400	SD	40614	20	1-14"	Dangerous Game	2,350	2181	2020	1866	1720	1584	1458
416 Remington Magnum	TGA	400	PT	40616	20	1-14"	Bear/Moose- Dangerous Game	2,400	2292	2187	2084	1985	1889	1795
	SAFARI	400	SD	40618	20	"	Dangerous Game	2,400	2255	2115	1980	1851	1728	1611
416 Rigby	SAFARI	400	PT	40620	20	1-14"	Bear/Moose- Dangerous Game	2,400	2292	2187	2084	1985	1889	1795
	SAFARI	400	SD	40622	20	"	Dangerous Game	2,400	2255	2115	1980	1851	1728	1611
458 Winchester Magnum	SAFARI	500	PT	40624	20	1-14"	Bear/Moose- Dangerous Game	2,100	1999	1902	1808	1717	1630	1547
	SAFARI	500	SD	40626	20	"	Dangerous Game	2,100	1943	1793	1652	1521	1401	1294
458 Lott	SAFARI	500	PT	40628	20	1-14"	Bear/Moose- Dangerous Game	2,300	2194	2091	1991	1894	1801	1710
	SAFARI	500	SD	40630	20	"	Dangerous Game	2,300	2134	1975	1824	1682	1548	1426
470 Nitro Express	SAFARI	500	SD	40632	10	1-16"	Dangerous Game	2,100	1937	1782	1637	1502	1380	1272
450 Rigby	SAFARI	500	PT	40634	10	1-14"	Bear/Moose- Dangerous Game	2,350	2243	2139	2037	1939	1844	1752
500/416 Nitro Express	SAFARI	400	PT	40642	10	1-14"	Bear/Moose- Dangerous Game	2,300	2194	2092	1992	1895	1802	1712
500 Jeffery	SAFARI	570	SD	40636	10	1-20"	Dangerous Game	2,300	2136	1979	1830	1688	1556	1434
500 Nitro Express	SAFARI	570	SD	40638	10	1-20"	Dangerous Game	2,100	1944	1797	1657	1527	1408	1301
505 Gibbs	SAFARI	525	SD	40640	10	1-16"	Dangerous Game	2,200	2061	1927	1799	1678	1563	1456

CARTRIDGE	BRAND	BULLET WEIGHT	BULLET STYLE	PART #	COUNT	BBL TWIST RQMT	FOR USE	ENERGY (FT LBS)							DROP IN INCHES 50YD ZERO IRON SIGHT							DROP IN INCHES 100YD ZERO IRON SIGHT						
								MZL	50	100	150	200	250	300	MZL	50	100	150	200	250	300	MZL	50	100	150	200	250	300
9.3x62 Mauser	TGA	250	AB	48634	20	1-10"	Bear/Moose	3609	3364	3133	2914	2707	2512	2328	-0.8	0.0	-0.6	-2.8	-6.6	-12.2	-19.8	-0.8	+0.3	0.0	-1.9	-5.4	-10.7	-17.9
	ETA	250	ET	40393	20	"	Bear/Moose	3264	3034	2817	2612	2419	2238	2067	-0.8	0.0	-0.8	-3.3	-7.6	-14	-22.5	-0.8	0.4	0	-2.1	-6.1	-12	-20.1
	SAFARI	286	PT	40602	20	"	Bear/Moose- Dangerous Game	3506	3253	3014	2790	2578	2380	2194	-0.8	0.0	-0.9	-3.6	-8.3	-15.2	-24.3	-0.8	+0.4	0.0	-2.3	-6.5	-12.9	-21.6
9.3x74 R	SAFARI	286	SD	40604	20	"	Dangerous Game	3657	3301	2972	2669	2392	2138	1908	-0.8	0.0	-0.9	-3.6	-8.4	-15.5	-25.2	-0.8	+0.4	0.0	-2.3	-6.7	-13.3	-22.6
	NCA	250	AB	33033	20	1-14"	Bear/Moose	3609	3364	3133	2914	2707	2512	2328	-0.8	0.0	-0.6	-2.8	-6.6	-12.2	-19.8	-0.8	+0.3	0.0	-1.9	-5.4	-10.7	-17.9
375 Flanged	NCA	286	PT	33048	20	"	Bear/Moose- Dangerous Game	3358	3114	2883	2666	2462	2271	2093	-0.8	0.0	-1.0	-3.6	-8.8	-16.0	-25.6	-0.8	+0.5	0.0	-2.4	-6.9	-13.6	-22.7
	TGA	300	PT	40610	20	1-12"	Bear/Moose- Dangerous Game	3836	3506	3198	2912	2646	2400	2174	-0.8	0.0	-0.9	-3.5	-8.2	-15.0	-24.3	-0.8	+0.4	0.0	-2.2	-6.5	-12.9	-21.7
375 H&H Magnum	SAFARI	300	SD	40612	20	"	Dangerous Game	3836	3403	3008	2651	2329	2040	1783	-0.8	0.0	-0.9	-3.7	-8.7	-16.2	-26.6	-0.8	+0.5	0.0	-2.4	-6.9	-14.0	-23.9
	NCA	260	AB	34010	20	1-12"	Bear/Moose- Dangerous Game	4365	4064	3781	3513	3260	3022	2797	-0.8	0.0	-0.4	-2.2	-5.4	-10.1	-16.5	-0.8	+0.2	0.0	-1.5	-4.5	-9.0	-15.2
375 RUM	ETA	260	ET	40395	20	"	Bear/Moose- Dangerous Game	4208	3920	3647	3390	3147	2918	2701	-0.8	0.0	-0.5	-2.3	-5.7	-10.6	-17.3	-0.8	+0.2	0	-1.6	-4.7	-9.4	-15.8
	TGA	260	PT	60090	20	"	Bear/Moose- Dangerous Game	4365	3919	3510	3135	2792	2478	2194	-0.8	0.0	-0.5	-2.4	-5.9	-11.2	-18.6	-0.8	+0.2	0.0	-1.7	-4.9	-10.0	-17.1
	TGA	300	AB	60070	20	"	Bear/Moose- Dangerous Game	3836	3563	3306	3063	2834	2620	2418	-0.8	0.0	-0.8	-3.4	-7.9	-14.4	-23.1	-0.8	+0.4	0.0	-2.2	-6.2	-12.3	-20.6
	TGA	300	PT	40606	20	"	Bear/Moose- Dangerous Game	3997	3656	3338	3042	2767	2512	2277	-0.8	0.0	-0.8	-3.3	-7.7	-14.2	-23.1	-0.8	+0.4	0.0	-2.1	-6.2	-12.3	-20.7
	TGA	300	SD	40608	20	"	Dangerous Game	4330	3854	3419	3023	2665	2341	2050	-0.8	0.0	-0.7	-3.1	-7.4	-13.9	-22.9	-0.8	+0.4	0.0	-2.0	-6.0	-12.1	-20.8
375 WBY Magnum	NCA	260	AB	35016	20	1-12"	Bear/Moose- Dangerous Game	5023	4686	4367	4067	3783	3515	3262	-0.8	0.0	-0.3	-1.7	-4.3	-8.3	-13.7	-0.8	+0.1	0.0	-1.3	-3.8	-7.6	-12.9
	NCA	260	PT	35032	20	"	Bear/Moose- Dangerous Game	5023	4522	4063	3642	3256	2903	2580	-0.8	0.0	-0.3	-1.9	-4.8	-9.2	-15.4	-0.8	+0.2	0.0	-1.4	-4.2	-8.5	-14.5
	NCA	300	PT	35055	20	"	Bear/Moose- Dangerous Game	5036	4627	4244	3887	3553	3242	2953	-0.8	0.0	-0.5	-2.3	-5.6	-10.5	-17.2	-0.8	+0.2	0.0	-1.6	-4.7	-9.4	-15.9
375 WBV Magnum	NCA	260	AB	36008	20	1-12"	Bear/Moose- Dangerous Game	5195	4848	4520	4211	3920	3644	3384	-0.8	0.0	-0.2	-1.6	-4.1	-7.9	-13.1	-0.8	+0.1	0.0	-1.2	-3.6	-7.3	-12.4
	NCA	260	PT	36026	20	"	Bear/Moose- Dangerous Game	5195	4680	4208	3775	3378	3014	2681	-0.8	0.0	-0.3	-1.7	-4.5	-8.8	-14.8	-0.8	+0.1	0.0	-1.3	-4.0	-8.1	-13.9
378 WBV Magnum	NCA	260	AB	37042	20	1-12"	Bear/Moose- Dangerous Game	5547	5180	4834	4507	4199	3908	3633	-0.8	0.0	-0.2	-1.4	-3.7	-7.2	-12.0	-0.8	+0.1	0.0	-1.1	-3.4	-6.8	-11.5
	NCA	300	PT	37079	20	"	Bear/Moose- Dangerous Game	5410	4975	4570	4193	3839	3509	3202	-0.8	0.0	-0.3	-1.9	-5	-9.5	-15.7	-0.8	+0.1	0.0	-1.4	-4.2	-8.6	-14.6
404 Jeffery	SAFARI	400	SD	40614	20	1-1																						

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