

Passion for Precision

PRODUCT CATALOG

2021 English



NEW!

- > New cases: 6.5 PRC, .284 Winchester, .300 Winchester Magnum, and .300 PRC
- > New ammunition: 8x57 IS and 9.3x62 with OT bullets

LAPUA® PRODUCT CATALOG

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Karl Olsson,
300 m World
Record holder.

Lapua, or more officially Nammo Lapua Oy and Nammo Schönebeck, is part of the large Nammo Group. Our main products are small caliber cartridges and components for sport, hunting and professional use.

World famous quality

Our reputation didn't happen accidentally – rather, it's the result of decades of experience, combining the best materials and processes that yield super precise, ultra-consistent components and ammunition. Add our demanding quality assurance and inspection processes, and our world famous quality and reputation become apparent. Ask any avid shooter about Lapua components and ammunition and they'll tell you there's no equal.

Certified

Nammo Lapua Oy's quality system conforms with both ISO 9001 and AQAP 2110. We have also been awarded the ISO 14001 environmental system certificate.

Part of Nammo Group

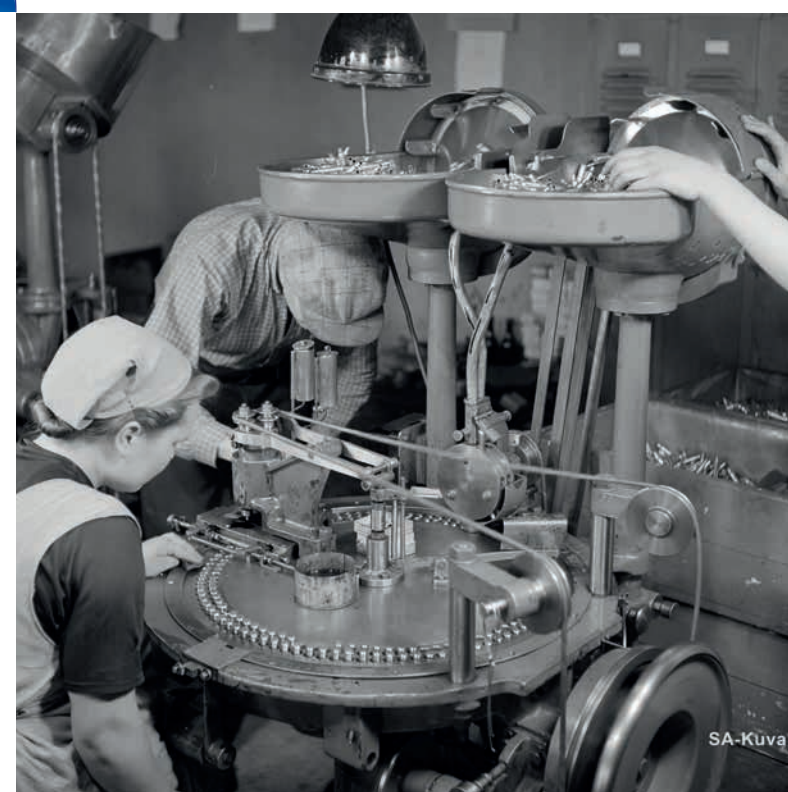
PASSION FOR PRECISION

"Passion for Precision" speaks to the core of who we are and our company culture. We align ourselves with competitors and outdoorsmen who share the same ideals of accuracy, consistency and camaraderie. Team Lapua's accomplishments exemplify the fact that we take shooting seriously, pursuing perfection in every product we offer.

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Serious hand loaders and shooters seek to match the perfect cartridge to their firearm. The team here at Lapua understands this, and has made our "Passion for Precision" the guide for everything we build. We know that our precision crafted bullets and brass are just the beginning. We then combine those components using our depth of experience and state of the art manufacturing to produce ammunition that is unrivaled for its precision, consistency and downrange performance.

Competitive shooters, hunters and Mil/LE operators understand that cheap ammunition will never achieve their desired outcome. They insist on ammunition that produces unmatched accuracy, reliable ignition, optimized muzzle velocities and superior ballistics. Expect what professionals around the world trust and experience our "Passion for Precision."



Lapua® presents

NEW LAPUA BRASS CARTRIDGE CASES

Lapua, world-renowned for producing the finest cartridge cases and ammunition products, announces the addition of 6.5 PRC, .284 Winchester, .300 Winchester Magnum, and .300 PRC cartridge cases to their 2021 product offering.



6.5 PRC

Although the 6.5 Precision Rifle Cartridge (or PRC for short) was originally designed for long range hunting it is still an excellent cartridge for both long range sport shooting and hunting. Its increased case capacity enables velocities up to 80 m/s (262 fps) faster than the 6.5 Creedmoor or 6.5x55 SE. By design, the cartridge features a longer throat enabling the use of today's popular, high ballistic coefficient (BC) projectiles for long-range competitions. The 6.5 PRC case is a good match with relatively slow burning powder types. It's unbelievable with heavy bullets, exceeding even 9,7 g / 150 grains with excellent retained energy and terminal performance for European mid-sized and big game.

.300 PRC

The .300 PRC was designed for extreme long range shooting with heavy bullets featuring high ballistic coefficients. Its superior ballistics and beltless case configuration represent modern case design that supports the use of modern long and high BC bullets. With its ability to load heavier bullets, the performance of the .300 PRC exceeds the .300 Winchester Magnum and many other .30 Magnums on the market. The .300 PRC is also an excellent performer in open and large hunting fields for long distance hunting of mid-to-large sized game with bullet weights even exceeding 15,8 g / 245 grains.

.284 Winchester

Originally designed in the early 60's to meet the performance of .270 Winchester and .280 Remington, the .284 Winchester has recently experienced a resurgence with long range shooters. F-Class competitors have designed several unique wildcat cartridges from the .284 parent case to shoot beyond 1,000 m/yd, and now the .284 Win is making its comeback to the discipline. The .284 Winchester's rebated rim design enables a larger powder column, yet easily functions through medium length actions making it desirable for custom rifles. Its accuracy potential and high muzzle velocity is also recognized in hunting fields where this cartridge performs nicely on a very wide scale.

.300 Winchester Magnum

The .300 Winchester Magnum has been widely used by hunters, target shooters, military and law enforcement agencies around the globe since its inception in the early 1960's. It delivers excellent long range performance with a wide range of bullet weights from 165 to 200 grains and more. The .300 Winchester Magnum has a great reputation as a .30 caliber magnum hunting cartridge in Europe. There are clear advantages with the caliber - there is a huge bullet selection available for all kind of sport shooting and hunting for this caliber, and all major rifle manufacturers are chambering their rifles for it. Lapua is very pleased to offer our high quality case for these purposes.

NEW OPEN TIP BULLETS AND FACTORY-LOADED CARTRIDGES

Lapua offers new Open Tip (OT) bullets and factory-loaded cartridges for target and hunting practice: Introducing the 8mm OT bullet and 8x57 IS OT cartridge and 9.3mm OT bullet and 9.3x62 OT cartridge.



8x57 IS

The 8x57 IS has earned a strong hunting image in recent years, but is now taking a step in the target shooting direction. The thought process behind the new 8mm 120 gr OT bullet is to design an easy and softly firing bullet that meets Lapua's strict accuracy requirements. The precision of this bullet offers shooters the opportunity to practice with the same rifle that they hunt with. For avid hunters that enjoy target competitions, the performance of this projectile can really make a difference.

A notable advantage of the bullet and the factory-loaded cartridge is that the bullet's point of impact coincides with the Lapua Naturalis, making both products ideal for hunting practice.

9.3x62

The 9.3x62 has traditionally been used only with big game hunting in mind. Requirements have changed with time and today this rifle cartridge needs a bullet that offers a more diverse use of the caliber amongst hunters. Lapua has answered this demand and developed the world's most accurate Open Tip bullet for this caliber, which extends its use to a diverse set of options from practice shooting to small predator hunting.

The 9.3mm, 185 gr bullet is available as a reloading bullet for home loaders, yet Lapua also offers it as a factory-loaded cartridge for anyone for whom accuracy and performance matter when choosing a cartridge. Also here, the impact point of resembles that of the Naturalis bullet, making this the ultimate round for hunters training for big game hunts.

As with all Lapua products, ballistic data and trajectory information will be published on Lapua.com, with load data available by Vihtavuori Powders.



TEAM LAPUA

Top competitive shooters from all over the world

Team Lapua is a group of accomplished top match shooters from around the world. Lapua Team consists of national champions, European champions, NRA champions, World champions and Olympic medalists. Our sponsored Lapua team members compete in various rifle and pistol disciplines such as long range rifle, standard rifle, silhouette, smallbore / rimfire, rapid fire pistol, practical disciplines and many more. The team members are known as knowledgeable, professional top competitive shooters who act as great role models for upcoming talent. We're very proud of our Team and their results in competitive shooting!

Check lapua.com for more information about the Lapua Team members!

BIATHLON SUCCESS

The year 2020 was an exceptional year as almost all major shooting competitions were cancelled due to worldwide pandemic precautions. Only the biathlon events "survived" and were organized in the beginning of the year, with an outstanding Lapua success, as always.

IBU WORLD CUP 2019-2020 AND WORLD CHAMPIONSHIPS 2020

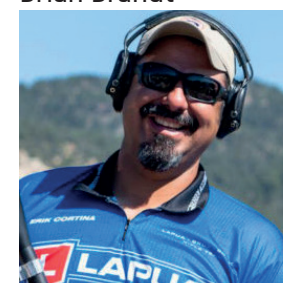
93,3 % out of all medals were taken with Lapua!



Kevin Nevius (USA)



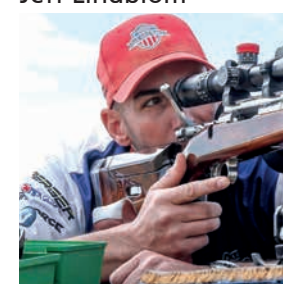
Brian Brandt



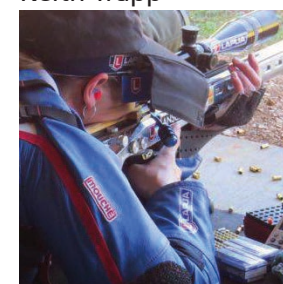
Erik Cortina



Jeff Lindblom



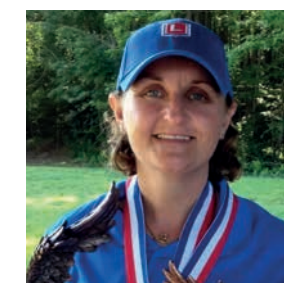
Keith Trapp



Lisette Grunwell



Peter Sidi (HUN)



Cathy Winstead-Severin



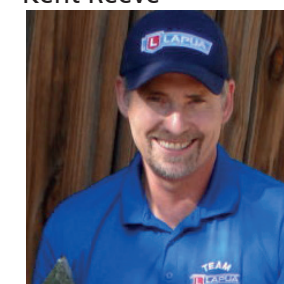
Eva Rösken (GER)



Joe Besche



Kent Reeve



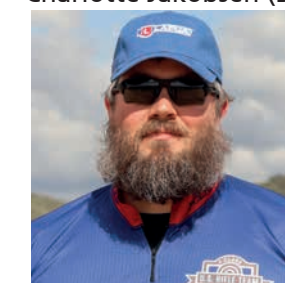
Mark Pharr



Philip Hemphill



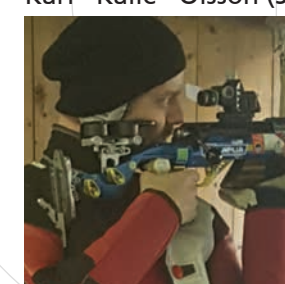
Charlotte Jakobsen (DEN)



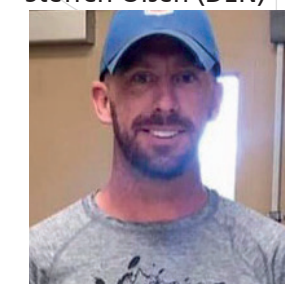
Nate Guernsey



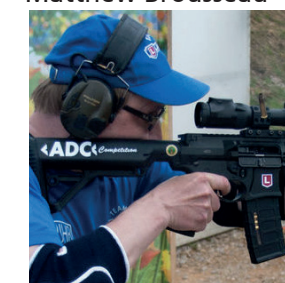
Karl "Kalle" Olsson (SWE)



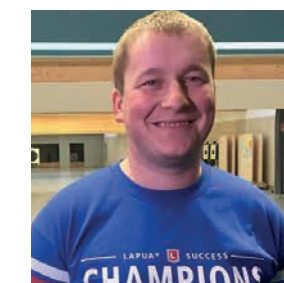
Steffen Olsen (DEN)



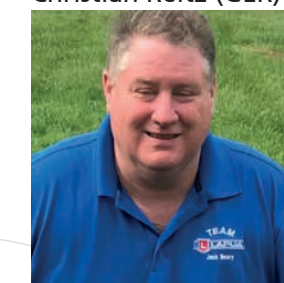
Matthew Brousseau



Raine Peltokoski (FIN)



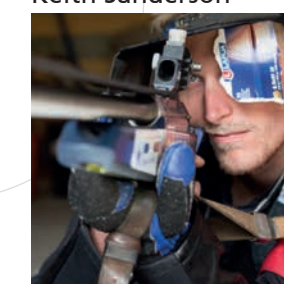
Christian Reitz (GER)



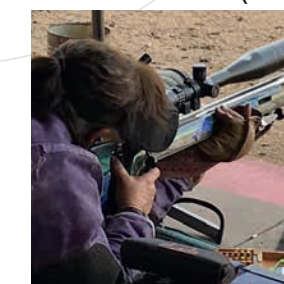
Jack Neary



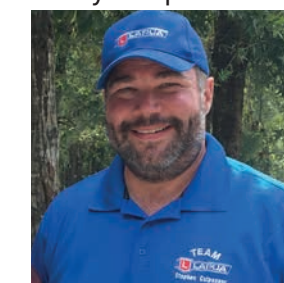
Keith Sanderson



Kim-Andre Lund (NOR)



Nancy Tompkins



Stephen Culpepper



Lapua® RIMFIRE CARTRIDGES

It will come as no surprise that Lapua rimfire ammunition receives the same level of focus and attention as our centerfire products. Competitive .22 LR rimfire shooters recognize Lapua rimfire cartridges to be the best in the world. In fact, Lapua compiled more gold medals in the 2018 Olympic Games than all other manufacturers combined. Each cartridge receives a visual inspection, and all lots must pass rigorous test standards for accuracy, velocity and chamber pressure before being released for distribution.

THE LAPUA CLUB REWARDS ITS MEMBERS

Lapua Club provides exclusive offers to its membership. There are currently over 35,000 members, and more than 100 new members joining each week. Becoming a member is easy – register using the QR code on Lapua product packaging or on separate Lapua Club cards. By registering your purchases, members may participate in product development surveys, prize campaigns and more! Members also gain access to more detailed Lapua product information, for example, trajectory charts for all cartridges. In addition, members may share their own Lapua success stories in the Lapua Club Story room – a feature unique to only Lapua membership. **Join today at club.lapua.com - win prizes and share your stories and passion with other fans! Read more at club.lapua.com.**

THE HISTORY OF LAPUA .22 LR RIMFIRE

For over 70 years, Lapua has supplied competitive rimfire shooters with the world's best .22 LR ammunition. Today, Lapua continues our commitment to all rimfire competitors, and works tirelessly to further improve our world renowned products.

Lapua made its first .22 rimfire ammunition just after WWII in 1947.

In a short time, from World Shooting Championships to the Olympics, Lapua ammunition has become synonymous with accuracy and victory. Lapua had assumed its place at the top of shooting competitions, where it has remained to this day.

Lapua introduced its .22 LR ammunition in its signature blue box where it quickly became a legend among rimfire shooting competitors for its outstanding consistency and accuracy. With products such as Match Grade and Championship, Lapua became world-famous for match-winning results. Lapua took the rimfire ammo technology even further, developing production technology that ensures the ammo maintains its extreme level of quality. In addition, Lapua was the first manufacturer to introduce variations in bullet diameter to their .22 rimfire ammunition, allowing shooters to more precisely tune their ammunition to their firearm platform.



Old .22 LR test rifle.



Old Lapua rimfire bullet production.



The X-ACT ammunition has proven to be the most accurate and most uniform .22 LR rimfire ammunition available.



NEW BOXES!

Improved weather durability and a fresh new layout in Lapua .22 LR rimfire boxes.

X-ACT

Extreme passion for precision

Lapua's X-ACT .22 LR ammo has been developed after an extensive research program to unite all of the best properties of each of the components. The shooters can depend on the absolute accuracy and consistency of this cartridge, known as an extremely sophisticated product of highest quality. X-ACT has been tested by most of the world's top rimfire shooters, and the comments have been nothing but praise: "The best .22 LR ammunition I ever shot." Our X-ACT ammunition is the true embodiment of our Passion for Precision.

MIDAS+

The new generation Midas cartridge

Lapua's Midas+ rimfire ammunition is the improved generation of Midas. The long success story of Midas ammo brought a lot of excellent results, which have been used as the basis for the new generation cartridges. Always accurate, this is the .22 LR ammunition of choice for many world class rimfire shooters.

CENTER-X

Versatility and superb performance

Lapua's Center-X gives you the confidence of high quality .22 long rifle match ammunition. This ammo is widely used by rimfire enthusiasts around the world. Lapua's Center-X is a versatile .22 LR cartridge known for its superb performance.

RIMFIRE PERFECTION

Whatever your competitive shooting discipline, you'll find the perfect offering from our wide selection of .22 LR rimfire cartridges. Whether you are competing in benchrest, pistol, biathlon, or smallbore, Lapua offers ammo specifically designed, and matched to each discipline.

In the early 2000s, Lapua reset the standard for .22 LR match ammunition when it introduced the X-ACT, a round that has proven to be the most uniform and accurate .22 LR ammunition ever offered.

Serious rimfire competitors use the best firearm and ammunition available to them. Lapua continues to deliver exceptional performance – from ISSF disciplines, to benchrest shooting, to biathlon, pistol, and 60-shot prone .22 LR competitions. Continue to feed your competition firearm platforms the ammunition that has no equal. Do you have "Passion for Precision"?



PISTOL KING

Loaded for success

This .22 LR ammunition was developed to be an extremely accurate competition cartridge ideal for short barreled firearms. It is consistent, provides excellent accuracy and gives smooth, reliable and dependable functioning. Lapua Pistol King has been loaded for success.

PISTOL OSP

Worldwide pistol ammo favorite

Lapua's Pistol OSP is a specialized ammunition for OSP (Olympic Sport Pistol) disciplines. Constant, accurate and precise, it is a favorite among rapid fire pistol shooters worldwide.

POLAR BIATHLON

Ideal target performance in all conditions

Lapua Polar Biathlon has been the ammunition behind the vast majority of biathlon medals won worldwide for many years. This cartridge is specifically designed for use in the frigid conditions common to most biathlon competitions. Lapua's Polar Biathlon round offers ideal performance under all conditions, with consistent accuracy and reliable ignition.

BIATHLON XTREME

The new best friend of the Biathletes.

The Lapua Biathlon Xtreme cartridge uses a newly developed, temperature insensitive powder that functions in all biathlon conditions. The bullet's special shape ensures reliable and easy functioning and together with the new powder it provides unbeatable accuracy and consistent velocities. During product development, the Lapua Biathlon Xtreme cartridge endured extensive laboratory testing and calculations as well as demanding field testing for

function and accuracy by two of the world's top biathlon teams.

OFFICIAL PARTNER

Lapua works closely with the International Biathlon Union and actively promotes biathlon sports.



Lapua Polar Biathlon and Biathlon Xtreme were developed specifically for extreme weather conditions making these cartridges a perfect choice for winter biathletes. These cartridges are used by nearly all of the National Biathlon Teams for cold weather competition.

Lapua success with X-ACT, MIDAS+ AND CENTER-X

The following ISSF rifle and pistol World Records have been recently achieved with Lapua:

- 50 m Rifle Prone Men / Torben Grimmel, DEN - .22 LR X-ACT
- 25 m Rapid Fire Pistol Men Final / Riccardo Mazzetti, ITA - .22 LR Center-X
- 25 m Rapid Fire Pistol Men / Christian Reitz, GER - .22 LR Midas+
- 25 m Pistol Women / Monika Karsch, GER - .22 LR Center-X



LAPUA, FINLAND

LAPUA TEST CENTER

After the retirement of the long time Lapua factory test shooter Arvi Välikkilä, Olli Punkari now hosts the 50 m range midtown Lapua. Come and test your rifle in the newly refreshed Lapua Test Center!

ADDRESS: Kustaa Tiituntie 1,
FI-62100 Lapua, Finland
BOOKING: Olli Punkari +358 40 737 4955

KONNEVESI, FINLAND

LAPUA TEST LAB

ADDRESS: Voipiovuorentie 50,
FI-44300 Konnevesi, Finland
BOOKING: Veijo Sivula +358 45 677 0599

SCHÖNEBECK, GERMANY

The best shooters understand that the ability to test different types of ammunition as well as ammo from different lots in their own firearms will help them achieve the best outcomes in competition. The 50 m Lapua test range in Schönebeck Germany exists for just this purpose.

A wide range of product as well as various lots are available for testing in both pistols and rifles.

The facility is equipped with high-tech Meyton testing technology. Additionally, a special climate controlled shooting area allows shooters to test their firearms in a climate similar to the one that will exist at their next biathlon.

16 national biathlon teams have visited the test range, and approximately 1000 firearms for over 250 customers are tested annually.

ADDRESS: Lapua Rimfire Test Range, Nammo Schönebeck GmbH, Wilhelm-Dümling-Straße 12, DE-39210 Schönebeck (Elbe), Germany

BOOKING: Tel. +49 3928 729 100,
RimfireTestRange@nammo.com

MESA, ARIZONA, USA

Patterned after the world renowned Lapua Rimfire Test Center in Schönebeck Germany, Mesa's Lapua Rimfire Performance Center opened in 2012. Testing occurs at both 50 meters and 100 meters simultaneously using Meyton testing technology at both target points.

ADDRESS: Lapua Rimfire Performance Center,
Capstone Precision Group,
4051 N. Higley Road, Mesa AZ 85215

BOOKING: Tel. +1 480 898 2731
Devan Stricker, rimfiretest@capstonepg.com

MARENGO, OHIO, USA

Our newest location opened in 2020 and is located at the prestigious Cardinal Shooting Center. This new location has all the same great features of our Mesa location, allowing 50 meter and 100 meter testing simultaneously.

ADDRESS: Lapua Rimfire Performance Center,
616 State Route 61, Unite 3-9
Marengo, OH 43334

BOOKING: Tel. +1 480 898 2748
Luke Johnson, rimfiretesteast@capstonepg.com

ROYKEN, NORWAY

The Lapua .22 Test Center in Royken, Norway boasts a 15 m and 50 m shooting range with digital measurement and various bench configurations that allow shooters to test ammunition in their own firearms. The Norway facility also features a cooling chamber that allows biathletes to test firearms and ammunitions in temperatures as low as -25° C.

ADDRESS: Lapua Test Range Norway,
Testskyting No DA, Bryhnsveien 5,
NO-3440 ROYKEN, Norway
facebook.com/Testskytingno

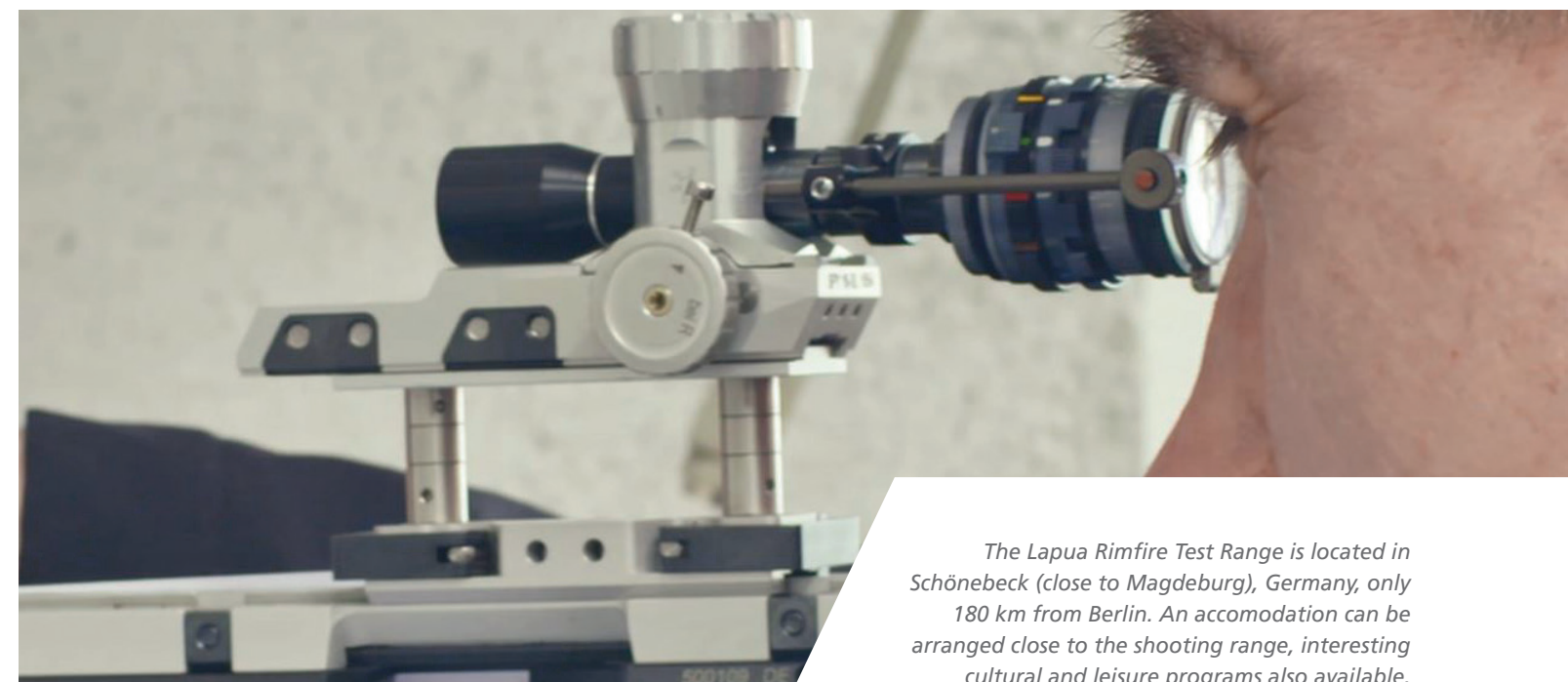
BOOKING: Roy Skogly +47 906 35 101,
roy@testskyting.no

Test Lapua .22 LR cartridges at

SCHÖNEBECK RIMFIRE TEST RANGE

The Lapua Rimfire Test Range in Schönebeck and its team is a partner for shooters from all around the world. Many international top shooters and world champions have already tested our facilities, and they are highly satisfied with the results.

The test center has a 50 m shooting range, completely equipped with digital measurement and several kinds of benches. This enables the shooter to exactly match the ammunition and the weapons for best possible results.



The Lapua Rimfire Test Range is located in Schönebeck (close to Magdeburg), Germany, only 180 km from Berlin. An accomodation can be arranged close to the shooting range, interesting cultural and leisure programs also available.

Test shooting in cold chamber

The Schönebeck cooling chamber with temperatures down to minus 25 degrees Celsius is the perfect option for biathlonists to test their equipment and ammunition in a cool environment.



Andreas Schnitzler
Range Officer

HERMETICALLY SEALED CARTRIDGES

Lapua® CENTERFIRE CARTRIDGES AND COMPONENTS

Serious hand loaders and shooters seek to match the perfect cartridge to their firearm. We build and combine our finest components using state of the art manufacturing to produce ammunition that is unrivaled for its precision, consistency and downrange performance. World renowned quality you can trust.

For top results in any conditions - the Lapua Airlock™ hermetically sealed cartridge stays safe from moisture.

COME RAIN OR SHINE

Lapua is constantly developing new technologies to ensure our products meet the highest possible quality standards. Our latest improvement is the hermetically sealed cartridge, a unique offering on the market.

In practice, this automated process creates a seal on the seams of the cartridge, between the case and bullet as well as the primer and case.

The hermetical seal ensures that the powder within the cartridge is safe from outside moisture or changes to moisture levels. As cartridges often have to endure long transports and storage in a multitude of environments, hermetical sealing will keep the Lapua cartridges moisture-free, in a class of their own.

For shooters, it means they can enjoy superior results - come rain or shine.

Lapua pistol and revolver ammunition may be summed up in two words – Accurate. Reliable.

Lapua revolver and pistol ammunition is without a doubt the best-in-class for all events under the CISM and ISSF. In fact, in CISM pistol events, nine out of ten competitors choose Lapua cartridges.

Lapua handgun cartridge ammunition is being tested constantly in many different firearm platforms – and although our quality standards are very high, we are constantly working to exceed them. To us, a single ragged hole in the target should be the normal result from a string of shots. This standard is also the reason we are so highly recommended by the pistol manufacturers of the world.



.32 S&W LONG

Lapua's .32 S&W Long wadcutter cartridges are renowned for their world-class accuracy and reliability in every respect.

In fact, Lapua cartridges have become the preferred choice among CISM and ISSF competitors, with 90% of them choosing the Lapua .32 S&W cartridge for the ultimate in on-target performance. The Lapua .32 S&W comes with a choice of two bullets: the 6.35g/98gr bullet for competition shooting and the lighter 5.35g/83gr bullet for military rapid fire and shooters who require a lower recoil.

At the 7th CISM Military World Games 2019 in Wuhan, China, more than 95 % of the centerfire pistol competitors used Lapua ammunition.



The pioneer in TARGET SHOOTING CARTRIDGES

Lapua ammunition is known by shooters all over the world. We are pleased to partner with the world's top shooters, and to be an example copied by other manufacturers.

Top shooters choose Lapua

Lapua's match-grade rifle cartridges are loaded with our premium Scenar, Scenar-L, FMJBT, D46 and Lockbase offerings. These match-grade rifle rounds have captured the gold during several World Championships, Olympic Games and other top competitive venues.



6.5 CREEDMOOR

Lapua 6.5 Creedmoor match-grade ammunition is tailored to specifically meet the demanding needs of today's mid-range precision rifle competitors. Whether its multi-gun, PRS, NRL or other competitive disciplines, the 6.5 Creedmoor has dominated the winner's circle and contributed to each discipline's sustained growth. The 6.5 Creedmoor's popularity with competitive shooting has gained recognition throughout the hunting community as well, and has quickly established itself as an excellent medium sized game offering. Shooters enjoy a variety of factory loaded offerings, such as Lapua's 8,0 g / 123 gr Scenar and 9,1 g / 140 gr Naturalis, that provide exceptional performance across a broad range of applications.



.222 REMINGTON

The cartridge with inherent accuracy - .222 Remington

The .222 Remington, also called "The triple deuce", was a popular target cartridge particularly among benchrest shooters from its introduction in 1950 until the mid-1970s. Lapua offers a perfect selection of factory loaded cartridges in this centerfire caliber.



.223 REMINGTON

The Lapua .223 Remington match ammunition has been designed to meet the strict demands of competitive shooting. It is one of the most popular centerfire rifle cartridges in the world. It is today one of the most common rifle rounds in use in the U.S., especially among varmint hunters and 3-gun sport shooters. This caliber offers tremendous versatility, thanks to a very wide selection of bullet types and weights. For targets beyond 600 m and practical matches, Lapua offers the perfect bullet in this caliber.



6.5X55 SE

Accurate and versatile. Especially popular in the Scandinavian countries, including long-range field shooting discipline, Lapua's 6.5x55 SE cartridge delivers a flatter trajectory and excellent ballistics. Though traditionally most used at longer ranges, our 6.5x55 SE cartridge is today extremely popular in competitions from 100 to 800 meters.



.308 WINCHESTER

Popular and precise. Perhaps the most versatile target shooting cartridge, the .308 Winchester is one of the most popular centerfire calibers today. Lapua's .308 Winchester is an excellent choice when you want a cartridge that is sure to perform across a range of disciplines in competition and hunting.



6MM BR NORMA

World-class accuracy with minimal recoil. The 6mm BR Norma is the cartridge of choice in ISSF and CISM 300 m events. Lapua's 6mm BR ammunition is the right choice for shooters who want a lighter bullet that is easier on the shoulder, and yet delivers reliable match winning accuracy. Lapua's 6mm BR ammunition is currently used by world's top competitors.



6.5X47 LAPUA

The ideal choice for extreme accuracy. Fast, incredibly accurate and having light recoil, the 6.5x47 Lapua is a cartridge designed for serious competition shooting, specifically for 300 meter matches. The chamber and throat dimensions are optimized for the Lapua Scenar bullets. After its introduction in 2005, shooters of other disciplines quickly saw the advantages of the 6.5x47 Lapua and began using it in several other venues as well.



.338 LAPUA MAGNUM

The world's most accurate at extra-long distances. We are proud to say that the .338 Lapua Magnum is simply the world's best long-range precision cartridge – the original one from Lapua. It outperforms all .30 caliber cartridges at longer ranges, delivering exceptional performance up to 1500 m. The .338 Lapua Magnum comes factory loaded with a choice of world leading precision bullets. The .338 OTM Scenar is ideal for the long-range sports shooter.

See the new cartridges on page 5.

THE MOST PRECISE CASES on the market

Lapua has a long standing tradition of using the finest materials, state of the art manufacturing methods and old world craftsmanship in producing our cases. We start by carefully drawing only the very best material, carefully controlled, measured and verified at every step of the process. Primer pockets and flash holes are held to strict tolerances to withstand repeated reloadings. After the necking is completed, the cases are given their final neck anneal for optimum durability and accuracy.

The base, body and neck of the Lapua cases have been designed to maintain exact tolerances over multiple reloading cycles. Advanced metallurgical research and manufacturing techniques ensure that Lapua cases are leaders in uniformity and quality.

.32 S&W LONG WC



The Lapua .32 S&W Long case - for the reloading handgun shooter. High class accuracy and functionality.

The Lapua .32 S&W Long case is the solid base for any reloader who wants to have best available quality in pistol cartridge reloading. Lapua pistol brass dominates the competitions in centerfire pistol shooting offering optimal on-target performance.

Base. The Lapua case heads are drawn exceptionally hard for unmatched reloadability and exceptionally long life. The dimensions remain constant and will hold primers tight in their pockets even after many reloadings.

Body. The brass body section is hard and resilient for unmatched durability. It is easy to extract after firing, whether full sizing or only neck sizing was used in reloading.

Neck. Strict tolerances in concentricity and wall thickness are used in manufacturing. The neck and shoulder are annealed to withstand repeated reloading.

6.5 CREEDMOOR LARGE RIFLE PRIMER



The 6.5 Creedmoor LRP offering provides reliable ignition with a large primer in the most extreme weather conditions for hunting, competitive shooting or military / law enforcement support. It also functions and performs flawlessly in today's ever-popular semi-auto gas guns, AR's, and other similar platforms predominantly used in the US market place.



.220 RUSSIAN

The king of reloading - Lapua's .220 Russian

The Lapua .220 Russian case is the most popular brass for benchrest shooting. The .220 Russian is the parent case for the .22 PPC, 6mm PPC and the 6.5mm Grendel cartridge. More than 90 % of all the benchrest shooters in the world use Lapua's .220 Russian cases as a parent case for 6mm PPC. There is no doubt - Lapua's .220 Russian brass is the king of benchrest reloading.



.222 REMINGTON

The perfect choice for varmint and small game. Our .222 Remington is a pure Lapua quality product produced with extremely tight tolerances in neck concentricity and wall thickness. This flat shooting little round is excellent for small game hunting and varmint purposes. The Lapua .222 Rem. brass can be reloaded time after time, without losing its performance and precision.



.223 REMINGTON

Select the best brass - .223 Remington

Lapua's .223 Remington Match case shows unbelievable performance when it comes to both durability and precision. Consistent quality guarantees consistent results. The large case volume ensures high velocity potential. Lapua offers a true match quality brass case for this classic military cartridge, allowing it to live up to its potential as a competitive cartridge.



.22-250 REMINGTON

Potent and versatile. Lapua sets the industry standard in Match quality cases, and our new .22-250 brass follows in this proud tradition. From varminting to long range target shooting, the .22-250 still remains one of the most potent and versatile of the .22 caliber cartridges.



6MM BR NORMA

Without exaggeration, Lapua's 6mm BR case is absolutely the best case in its class. The 6mm Norma BR has become a popular chambering in match rifles used in 300 meter rifle disciplines. Lapua's 6mm BR Norma is the standard to which all other cases are compared.



6MM CREEDMOOR

Our 6mm Creedmoor is a beautifully drawn case, properly annealed at the neck and shoulder, with head metallurgy specifically chosen for durability, and the same small rifle primer, small flash-hole design that delivers the ultimate accuracy edge. The smaller 6mm bore diameter offers an excellent selection of proven low-drag match bullets that offer outstanding long range performance with even less recoil.



.243 WINCHESTER

The .243 Winchester case has all the world famous qualities of Lapua's unrivaled .308 Winchester brass. With a light bullet load the .243 Win. case works like a charm for long distance varmint and bird hunting. For larger game, such as deer, the optimal choice of bullet weights is 100 - 105 gr.



6.5 CREEDMOOR

Made with Lapua's typical dedication to precision, our 6.5 Creedmoor case has been refined just a bit, to make it an even better performer. We offer the 6.5 Creedmoor with the small rifle primer which normally produces an optimized ignition and better accuracy in mid-sized cartridges, as well as the large rifle primer version.



6.5 GRENDEL

Tack-driving accuracy. The 6.5 Grendel case is tailored to fit the AR-15 action and it dramatically outperforms the .223 Rem. and other cartridges normally used in the AR-15. The 6.5 Grendel is continuously growing in popularity in all disciplines which demand light recoil and tack-driving accuracy.



6.5X47 LAPUA

A true masterpiece. The 6.5x47 Lapua case has base diameter and loading length similar to the .308 Win., allowing it to accept the same bolt heads and fit into similar actions and magazines. Lapua's 6.5x47 case is also the parent case of several popular wildcats, and is frequently necked down to 6mm.



.260 REMINGTON

Offering the same level of ballistic performance as the venerable 6.5x55, the modern case design of the .260 Remington delivers superb accuracy in a short action format. Having already established its tremendous versatility not only in the game fields, but on silhouette ranges, the .260 is a natural for the Lapua line.



6.5X55 SWEDISH

"Old soldiers will never die". Lapua's 6.5x55 SE is a proof of that – it has long been popular all over Scandinavia, and now its characteristics and performance have been noted by shooters and hunters in other parts of the world as well.



7X64

The 7x64 has succeeded in maintaining its position as one of the most popular hunting caliber in Europe. Since then, it has earned a well deserved reputation for itself as a medium size game hunting round – its performance even exceeds the performance requirements of moose hunting round in most countries.



6.5-284

The favorite brass of long range shooters and an ideal selection for any game where a potent .264" cartridge is considered suitable. This world renowned Lapua brass is of match quality that can be loaded more times than any brass from competitors. Lapua 6.5-284 is the reloader's dream.



7MM-08 REMINGTON

The 7mm-08 came to dominate the High Power Silhouette rifle game shortly after its introduction, offering a superb combination of power, light recoil and accuracy. With ballistic performance exceeding that of the time honored 7x57mm Mauser, but suited to a shorter action, the 7mm-08 is an ideal caliber for most big game hunting.



.308 WINCHESTER

One of Lapua's flagship cases. Our .308 Winchester case has made Lapua quality world renowned. It continues to be the standard by which all other cases in this popular rifle caliber are judged. The main advantage of our .308 Win. brass is the premium consistency and quality.



.308 WINCHESTER PALMA

Long-range accuracy by Lapua. Developed in conjunction with the US Palma team, the small rifle primer case is designed to deliver enhanced long-range accuracy for the most demanding competitive applications. Lapua's .308 Palma Win. brass has been acclaimed as a success by rifle shooters everywhere.



.30-06 SPRINGFIELD

Durability for reloading. The venerable .30-06 case offers an even greater powder capacity than the .308, but the Lapua quality remains the same. Like its smaller stable mate, the .30-06 has the same durable construction and incredible precision, allowing for many, many reloadings.



7X65R

One of the most popular calibers in Central European hunting for double rifles and combination guns is now available as a reloading component for all enthusiastic hunters and home loaders. Optimized for tens of reloading cycles with reliable removal from the chamber.



7.62X53R

The Finnish legend. This case is a legendary Finnish innovation, still used in military, Scandinavian hunting and traditional rifle competitions. Lapua has manufactured 7.62x53R cases for almost a century, and this caliber is well known for its ultimate quality and consistent performance.



.300 NORMA MAGNUM

A recent development based on the .338 Norma Magnum necked down to .30 caliber, the .300 Norma Magnum was adopted as the US military's Advanced Sniper Cartridge "for extra long ranges beyond 1500 meters". In addition to its military duties, the .300 Norma is sure to find favor with long-range competitive shooters and hunters. Lapua is pleased to add this impressive case to our line!



7.62X39

Best in its class. Lapua's 7.62x39 brass offers match quality that no other manufacturer has for this caliber. When it comes to competition, Lapua's 7.62x39 case is the unquestioned champion over all others.



8X57IS

From African plains game to European stag and boar, the 8mm Mauser has earned an enviable reputation as a big game round in a wide array of conditions. Accurate, versatile and powerful, the 8x57 IS still serves the sporting community well for a host of hunting applications.



8X57IRS

Lapua standard for breech brake combination guns like double rifles, drillings and vierlings. No matter what kind of game you are aiming, the quality of the case will not be the one to blame if you miss. Tens of reloading cycles will tell you the secret of Lapua's incredible case quality.



.338 LAPUA MAGNUM

The unbeaten champion. Lapua's signature development, the original .338 Lapua Magnum is the undisputable choice for those who want to build their own long range rifle cartridge, using only the very best available components. The accuracy, reloadability and repeatability of .338 Lapua Mag. brass are unbeaten. The .338 LM case is a favorite among top rifle shooters around the world and in all kinds of shooting disciplines and hunting grounds.



.338 NORMA MAGNUM

Based on the .416 Rigby case, the .338 Norma Magnum was developed by J. Sloan and D. Kiff as a long-range sporting cartridge. Norma adopted the design and standardized it with CIP in 2010. The US military has spurred the development of some machineguns chambered for the .338 Norma, which would be capable of providing superb long-range capability. With Lapua's unmatched standard of quality, handloaders will find our new .338 Norma Magnum cases a choice for extra long range shooting applications.



9.3X62

The hunter's brass choice. The 9,3x62 case is the top choice for hunters of big game who tailor their own rifle loads. True stopping power for big and dangerous game. A life-long partner for hunters worldwide.

See the new cartridge cases on page 4.

Precision projectiles

LAPUA BULLETS

Lapua bullets are known for their extreme accuracy and superior ballistic designs. From the world famous Scenar and Scenar-L, to the variations of FMJ, all of which are optimized for their intended use, and finishing with the NATURALIS and MEGA for hunters. From Olympic Gold to World Championships or local matches, to the mountains and woods, whatever your shooting pursuit, there is a LAPUA bullet perfectly tailored for it.



Lapua bullet development is ongoing and methodical. Drawing on our own experience, R&D, and listening carefully to reloaders and their feedback, we continually work to perfect our product offerings for every type of shooting discipline.

The Lapua D46 was developed over 80 years ago in the 1930s, and to this day, is still one of the best FMJ bullets available. While Lapua bullet development has focused on high pressure rounds and hollow point designs, the proven track record of the D46 has maintained it as a relevant segment of the Lapua product line to-date.

Lapua hasn't rested on its laurels however, with the introduction of the Scenar-L, the ultimate match rifle bullet as well as the third generation, lead-free NATURALIS line of hunting bullets, there is a Lapua bullet carefully matched to any shooting pursuit.

Our Scenar Match bullets represent the head of its class. Having achieved a 600/600 World Record of the International Shooting Sports Federation (ISSF), the consistent quality, starting with the raw materials used make it a nearly hand-made custom bullet that yields the consistent outcomes that competitors have come to expect.

See the new bullets on page 5.

Read more about Lapua's OTM Scenar bullets on page 24.

SCENAR^L

The ultimate long range match bullet. The Scenar-L has the refined qualities of the original Scenar bullet with higher standards of jacket wall concentricity, weight variation and dimensional uniformity. Scenar-L has truly earned its reputation as the go-to bullet for the best possible results in long range rifle shooting. For top shooters in the world in bench rest, long range or F-class, Scenar-L is the ultimate match bullet, proven by the countless long range records set using it.

FMJ

Whether you require bullets for training, competitions or serious hunting situations you can really trust the performance of Lapua's FMJ bullet family. Ten rounds loaded with Lapua's .30 S374 8.0g/123gr FMJ bullet from 100m can easily achieve groupings less than 30mm. **Reliability means that every shot you fire will hit the target.**

CUTTING EDGE

An open tip bullet capable of incredible accuracy, the Cutting Edge leaves an easy to score hole in your target, thanks to its innovative design. When you are looking for the best short range target bullet for paper-punching, your choice is the .30 caliber G477 6.5g/100gr OT Cutting Edge. This bullet typically achieves groups of under 25 mm at 100 m shooting distances.

D46

Often copied, never equaled. The legendary D46 is one by which all others of its type are measured. Manufactured to the strictest tolerances for concentricity, uniformity of shape and weight, it has shot its way to the record books since the 1930's all the way to the 21st century.

SCENAR

The first choice for serious target competition. Lapua Scenar Open-Tip Match bullets have given superb results at long ranges and bench rest shooting. The Scenar bullets have the IBS World Record in 600 yard Heavy Gun 5-shot group (0.404") and also hold the official world ISSF record of 600 out of 600 possible, an unbeatable score.

LOCK BASE

Lapua's Lock Base bullet is a Lapua innovation which combines a full metal jacket and boat tail with a patented base design. This bullet has proven its worth in sport shooting arenas as well as military and law enforcement applications over time.

NATURALIS

Respecting the game. The bullet is designed and manufactured by using pure copper. The material, design and controlled expansion ensure a solid and nearly unbreakable construction. The weight retention of the bullet, even after impacting on heavy bone, is frequently 100% of its original weight. **Read more about Naturalis on pages 34-37!**

MEGA

For big game hunters. Lapua's Mega bullet is a soft point jacketed hunting bullet. The Mega is a traditional lead core bullet for all kinds of European and North American game, particularly large game hunting. The mechanical bonding locks the lead alloy in place, keeping the structure together at point of impact. **Read more about Mega on page 38!**

SCENAR BULLETS - ULTIMATE ACCURACY

SCENAR - THE FIRST CHOICE FOR SERIOUS TARGET COMPETITION

Lapua's record-breaking line of Scenar target bullets were first introduced in the mid-1980s, and immediately made a name for themselves. They were the very first European manufactured HPBT match bullets and set the standard from that point on. In 1990, the Scenar was used in Moscow to set a new World Record in the ISSF 300 meter competition with 600 points out of a possible 600. Literally, a perfect score. The Scenar's accuracy and unrivaled consistency has made them the natural choice for the serious competitor. But it gets better. We at Lapua have never been content to rest on our laurels. We have recently undertaken a major program to make these outstanding bullets even more accurate. Not a redesign in ballistics, but a refinement in all manufacturing steps. Using our state of the art manufacturing capabilities and decades of competitive experience, we have set out to tighten all measures and requirements, including our already famous quality control standards. Closer weight tolerances, tighter jacket wall concentricity standards, and greater uniformity in every dimension, starting from the gilding metal cup, lead wire and jacket forming, ending up to core-jacket assembly, boat tail pressing and tipping.

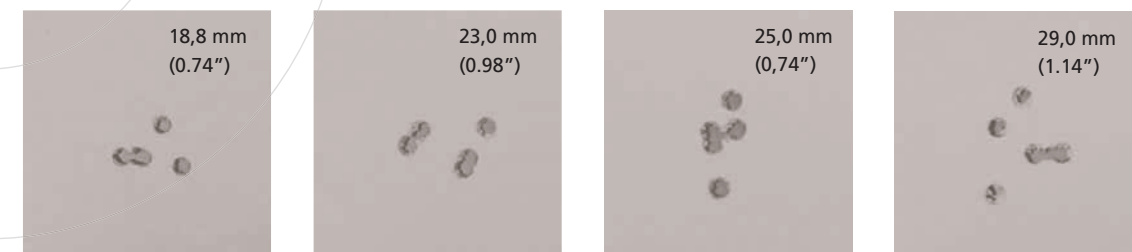
THE SCENAR-L BULLET

Several new proprietary machines, manufacturing steps and advanced instrumentations combined to the Scenar-L manufacturing line creates a state-of-the-art production process never seen before in bullet production. We also took our already high quality control standards and kicked them up a notch. This new generation of match bullets has been dubbed the Scenar-L, and is a fitting successor to the vaunted Scenar family. Sharing the same aerodynamic profiles as its predecessors, the Scenar-L is the perfect choice for any type of competitive shooting. Whether it's ISSF or CISM, Benchrest or F-Class, Silhouette, High Power Across the Course or Long Range, the new Scenar-L line will give you the extra edge that takes you to the winners circle. Based on the Scenar's proven track record of competitive successes, Lapua's Scenar-L will deliver the ultimate performance in the most demanding competitive environments every time.

Precision craftsmanship, painstaking quality control standards, state of the art manufacturing technology and advanced ballistic design all combine to make the Scenar-L the very best of the best!

Typical accuracy for GB542 Scenar-L bullet

Tested with premium rifles with matched load of 1,90 g / Vihtavuori N140 at 300 m.
Average diameter of 4 x 5rds is 0.94" (0,275 MOA).



SCENAR CURRENTLY HOLDS THE FOLLOWING WORLD RECORDS

IBS 600 yd Heavy Gun Class / John Lewis, USA (2008) - .308 Win. GB491 155 gr OTM Scenar
ISSF 300 m Rifle 3P Men / Cyril Graff, FRA (2013) - 6 mm BR GB478 6,8 g / 105 gr OTM Scenar
ISSF 300 m Rifle Prone Men / Harald Stenvaag, NOR (1990) - .308 Win GB422 10,85 g / 167 gr OTM Scenar
ISSF 300 m Standard Rifle Men / Cyril Graff, FRA (2014) - 6 mm BR GB478 6,8 g / 105 gr OTM Scenar
ISSF 300 m Rifle 3P Women / Anzela Voronova, EST (2013) - 6 mm BR GB478 6,8 g / 105 gr OTM Scenar
ISSF 300 m Rifle Prone Women / Charlotte Jakobsen, DEN (2009) - 6 mm BR GB478 6,8 g / 105 gr OTM Scenar



Lapua Ballistics is the ultimate 6DOF ballistics tool for mobile devices. Lapua Ballistics is the first mobile ballistics app utilizing the 6DOF calculation model, which makes it the most accurate ballistics app on the market. Lapua Ballistics always offers the latest, Doppler proven Lapua cartridge and bullet data for you to combine with your firearm and local weather information. The app also includes the option to define custom bullets manually.

The Ultimate Ballistics calculator LAPUA BALLISTICS APP

6DOF

The Lapua Ballistics App is available for Android and iOS mobiles free of charge.

Language options: English, German, Finnish, Norwegian, Polish, French, Spanish and Afrikaans.

Features

- Utilizes 6DOF, the most accurate calculation method
- Always available with latest Lapua cartridge / bullet information
- Quick and easy to change inputs like distance, wind speed and angle
- Several result outputs available depending on your needs; numerical, reticle, table and graph views
- Share your calculation results with your friends

Manage rifle / Cartridge data

- Create and clone your own firearm / reticle combinations
- Choose between metric and imperial values
- Set Point Blank-range to different sight-in distances and impact windows
- Set Aiming point to moving target
- Add custom bullets (calculations based on BC G1 or G7 and Siacci method)
- Pre-set max 4 powder temperature – V0 pairs to the same cartridge to correct powder temperature sensitivity
- Features eg. Sight-in-POI, Coriolis, Max Range and Cant Angle calculation
- Compare up to 3 Lapua cartridge/bullet performances to each other
- Custom trajectory tables



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The latest version of the Lapua Ballistics app is available for Android and IOS users, including new features. Please check lapua.com/resources/lapua-ballistics-app/ for details.



Lapua® TACTICAL AMMUNITION

Lapua is world renowned for offering the highest quality ammunition for elite forces and military / law enforcement professionals around the globe. All of Lapua's Tactical ammunition is produced to the same match-grade requirement as our target ammunition.

The most accurate long-range cartridges. The accuracy and reliability of Lapua's tactical ammunition is renowned worldwide. Each cartridge is manufactured with the same unconditional precision and care as our leading sport shooting target ammunition. Our pinnacle of precision and quality is the .338 Lapua Magnum, which has an effective range out to 1500 meters. Despite this, the .338 Lapua Magnum operating systems are about the same size and weight as the 7.62mm systems. It's considerably lighter than the .50 caliber system making it an exceptional alternative to either platform.

Specialized in precise operations.

Lapua started manufacturing ammunition in 1923, and since then match ammunition development and production have been an essential part of Lapua operations. During this past century, we have introduced numerous iconic offerings within the sniper ammunition and tactical shooting segments.

Lapua tactical ammunition is made to meet the same standards and requirements like our match ammunition that have been used to win innumerable medals and championships in national and international shooting competitions. The Lapua Tactical Ammunition is much more than just match ammunition as Lapua Tactical Ammunition are made to meet strict military transportation and storage requirements.

Lapua's most famous individual product is the .338 Lapua Magnum that outperforms other long range cartridges in military applications. Our product range covers the Lock Base FMJBT, Scenar OTM, AP, API and other cartridge types for military tactical shooting applications.

Lapua .338 Lapua Magnum ammunition provides superior long-range performance second to none. For example, Lapua's .338 LM 300 gr AP bullet will penetrate at least 12 mm (c. 0.5 inch) of super hard HB500 armor steel at 600 meters.

The .338 Lapua Magnum is not the only product in Lapua tactical product family. We supply also the world's best selection of .308 Win tactical cartridges that include also the Lock Base FMJBT, Scenar OTM, AP and other cartridge types for various tactical implementations.

Our .308 Win. ammunition apex is a 170 gr Lock Base bullet that is loaded to two different cartridge types: The legendary high velocity HPS round, that is the most flat shooting and outreaching .308 Win. sniper ammunition available. Other type is the .308 Win. Semi Auto cartridge tailored for short barrel self-loading rifles.

The most recent additions in our product range are the 6.5 Creedmoor and .260 Rem. tactical cartridges. Although the .300 Norma Magnum and .338 Norma Magnum ammunition are not listed in ballistic tables in this catalog, they will be available in future.

The highest manufacturing standards.

Lapua quality is uniquely certified and approved by elite forces and military units worldwide. Long-term cooperation with allied defense organizations helps us to understand the special requirements which military and other professional users demand.



.338 Lapua Magnum HISTORY

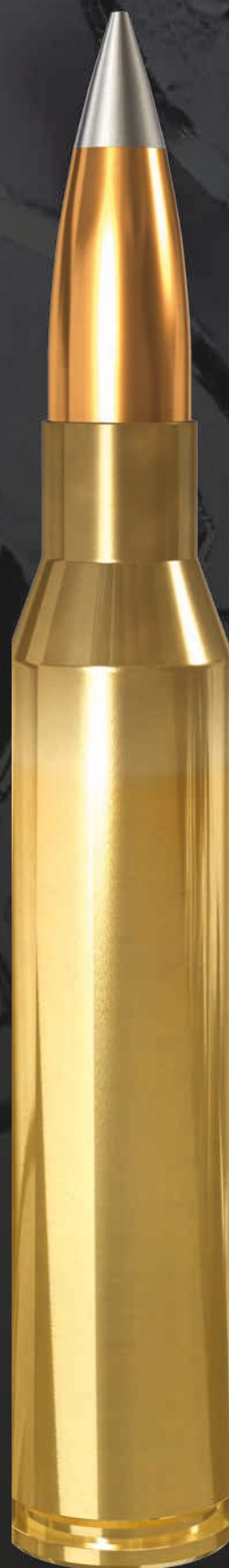
by Janne Pohjoispää

The .338 Lapua Magnum originates back to year 1982 when the .338/416 cartridge was developed for the United States military purposes. Officially, the project was to develop a target rifle and cartridge for 1000 yards, but in reality the purpose was more likely to develop a 1500 meter sniper rifle.

The 300 Winchester Magnum and other commercial cartridges did not meet penetration requirements, so the search for heavier caliber with better ballistics created a wildcat cartridge that was originally formed from a necked down 378 Weatherby Magnum case, and finally from the 416 Rigby case. The new cartridge was known as the .338/416 or 8.58x71.

Lapua finished development of the first bullets and cases for the .338/416 cartridge in 1985. Its first .338 caliber bullet was the B408, which in 1985 looked more like a steroid fed D46 than the Lock Base type currently produced.

In 1986 the .338/416 cartridge with Lapua bullet and case, won the 1,000 yard navy rifle competition in Quantico, Virginia. In spite of that, the U.S. military selection criteria went in a different direction. Lapua was left more or less alone with the new caliber cartridge, yet management decided to continue its product development. This resulted in specifying the measurements, and the cartridge was named the .338 Lapua Magnum. The .338 Lapua Magnum was slightly different than the original .338/416. Case and chamber dimensions were modified, along with the interior structure of the case to withstand higher chamber pressures than the .338/416 design. The .338 Lapua Magnum became a new Finnish cartridge, even though the idea was born on another continent.



The loading techniques were also developed and refined at Lapua. A powder load of approximately 90 grains of slow burning powder needs a powerful ignition using a large rifle magnum primer. The first test lot of .338 Lapua Magnum ammunition was produced in 1988, with CIP approval following in 1989.

The original B408 design from 1984 was modified to Lock Base type, and the B408 got its current shape. Its weight remained at 250 grains. The first soft point bullet was MIRA, streamlined from the Mega bullet. The 259 grain EB431 bullet was introduced commercially with the new cartridge in 1990.

The HPBT Scenar bullet was introduced in 1996. Different kinds of special purpose equipment were also tested: armor piercing, armor piercing incendiary, solids and SLAP-type projectiles were examples of the tested specimens.

Soon the new cartridge started raising interest on the original continent of development. The larger .338 Lapua Magnum cartridge did not fit into traditional size actions and required a larger platform. Very few of these larger bolt action rifles existed, so co-operation with some European manufacturers started in the late 1980's to develop suitable rifles for the .338 Lapua Magnum. Among the first rifle makers were Accuracy International of UK and Sako of Finland. Accuracy International later delivered the first military contracts for .338 Lapua Magnum rifles. In the 1990's more .338 Lapua Magnum rifles appeared in the market. During the following years, the .338 Lapua Magnum received a steady foothold in many Western hemisphere armies and similar organizations.

This catalog reveals the current Lapua selections of .338 Lapua Magnum ammunition, including both 250 and 300 grain Scenar and AP projectiles.

Lapua offers a complete selection of .338 Lapua Magnum ammunition including Ball, Armor Piercing, Armor Piercing Incendiary, Open-Tip, Blank, Drill and Solid cartridges.

The Original .338 LAPUA MAGNUM

The Original .338 Lapua Magnum is currently the best choice for long range sniper applications, extending the operator's range to well beyond one kilometer.

.338 Lapua Magnum fills the gap between 7.62mm and .50 caliber sniper systems. The .338 Lapua Magnum sniper systems are currently employed by several armed forces throughout the world. The trajectories of Lapua bullets are tailored to match, so there is no need to change sight setup when changing the cartridge type. Some cartridges are hermetic, optional for all products. All .338 Lapua Magnum cartridges are packed in M2A1 steel cases.

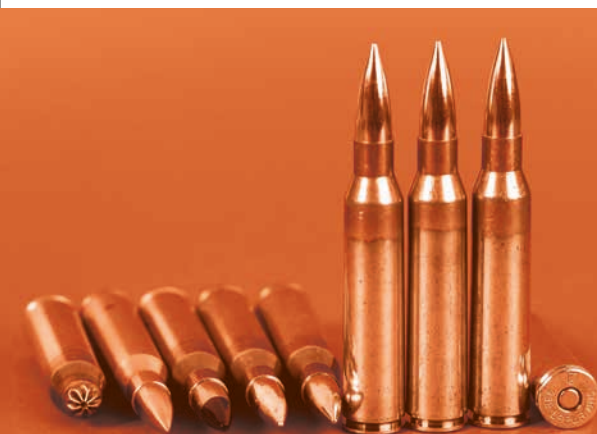
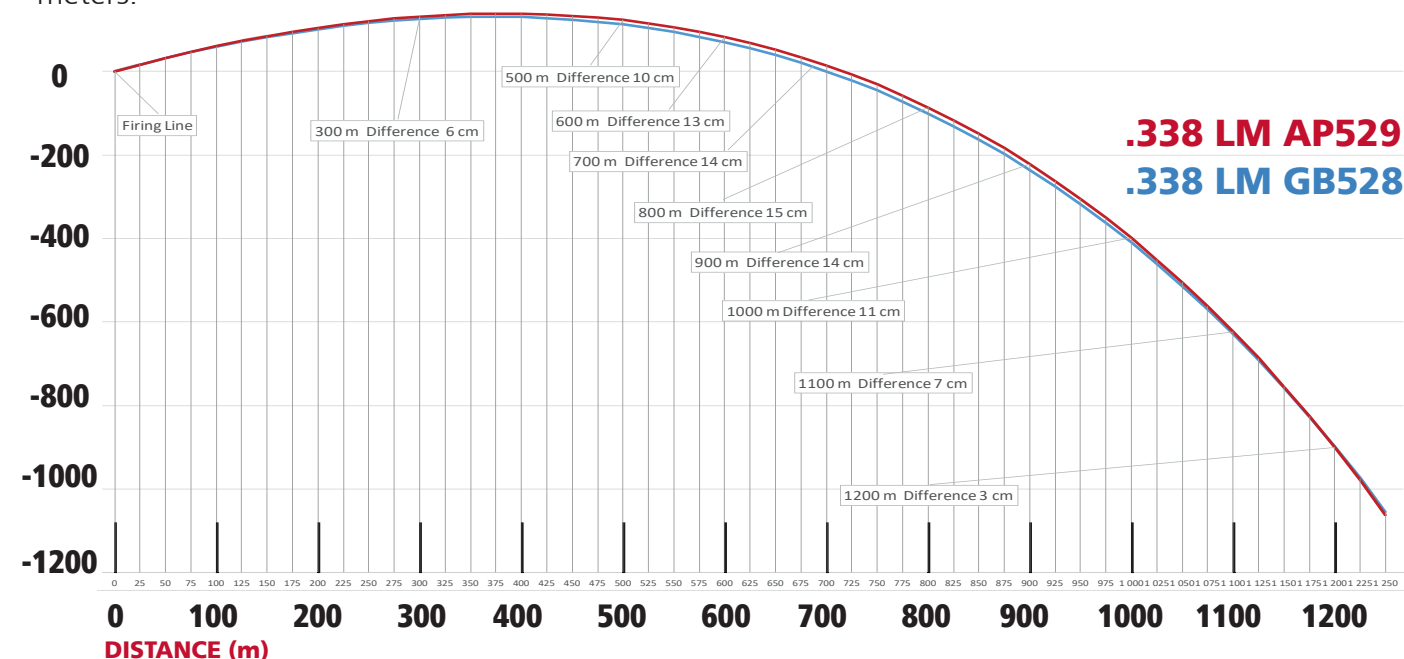
B408 Ball features a 16.2 g / 250 gr Lock Base FMJBT bullet, remaining supersonic up to 1300 meters. AP485 features a 16.1 g / 248 gr Armor Piercing bullet, trajectory matched with B408 Ball. The world's most accurate armor piercing ammunition will penetrate 10 mm of armored steel at 800 meters.

.338 Lapua Magnum cartridges are also offered in 19.4 g / 300 gr, including the GB528 Scenar, AP529 Armor Piercing and API571 Armor Piercing Incendiary, extending accuracy and penetration capabilities at longer ranges.

The world's most accurate at extra-long distances. We are proud to say that the .338 Lapua Magnum is simply the world's best long-range precision cartridge – the original one from Lapua. It outperforms all .30 caliber cartridges at longer ranges, delivering exceptional performance up to 1500 m. The .338 Lapua Magnum comes factory loaded with a choice of world leading precision bullets.

MATCHING TRAJECTORIES

.338 LM 300 grs Scenar and AP bullet path difference while a 300 gr Scenar is zeroed at 700 meters.



World's standard, Lapua's .308 WINCHESTER

.308 Winchester (7.62x51mm NATO) possesses mild recoil, good terminal ballistics, and an effective range of 800 meters (875 yards). This versatility is the reason the caliber remains the most popular choice for use in law enforcement and military sniping applications.

Lapua is the world leader in providing match grade projectiles in this caliber, offering several types of Ball, Open-Tip, Armor Piercing, Solid, and Subsonic bullets.

Since the introduction of the legendary D46 cartridge, still in use today, Lapua's .308 Winchester

ammunition is in use by militaries and government agencies throughout the world. Lapua .308 ammunition is not only the world's most accurate, but the closely matched ballistic trajectories between different projectile types increases its tactical effectiveness for the operator.

.308 Winchester is probably the most versatile centerfire rifle caliber today, and capable of outstanding accuracy. The caliber was introduced in 1952.

For mid-range 6.5 CREEDMOOR

The 6.5 Creedmoor has received a lot of attention and continues to grow in popularity also in tactical applications. The 6.5 Creedmoor is a very flat shooting cartridge with excellent ballistics that often exceed the .308 Winchester in windy, long range conditions. In terms of ballistics and hit probability, the 6.5 Creedmoor is best compared to the .300 Winchester Magnum. The 6.5 Creedmoor size is similar to the .308 Winchester and it will fit in similar actions and platforms. The 6.5 Creedmoor is a true 1000 m round that can be used with both semi-auto and bolt action rifles.



For tactical applications, Lapua offers 6.5 Creedmoor ammunition packed to meet military requirements loaded with OTM bullets. Lapua also offers the first Armor Piercing (AP) offering AP570 available for the 6.5 Creedmoor.

.260 REMINGTON

The .260 Remington is also a medium length cartridge with similar dimensions to the .308 Winchester. Developed several decades earlier as wildcat cartridge, the .260 Remington was the first 6.5 mm cartridge with a medium length case. It provides very similar ballistics compared to the 6.5 Creedmoor, but with less pressure due to the larger case capacity.

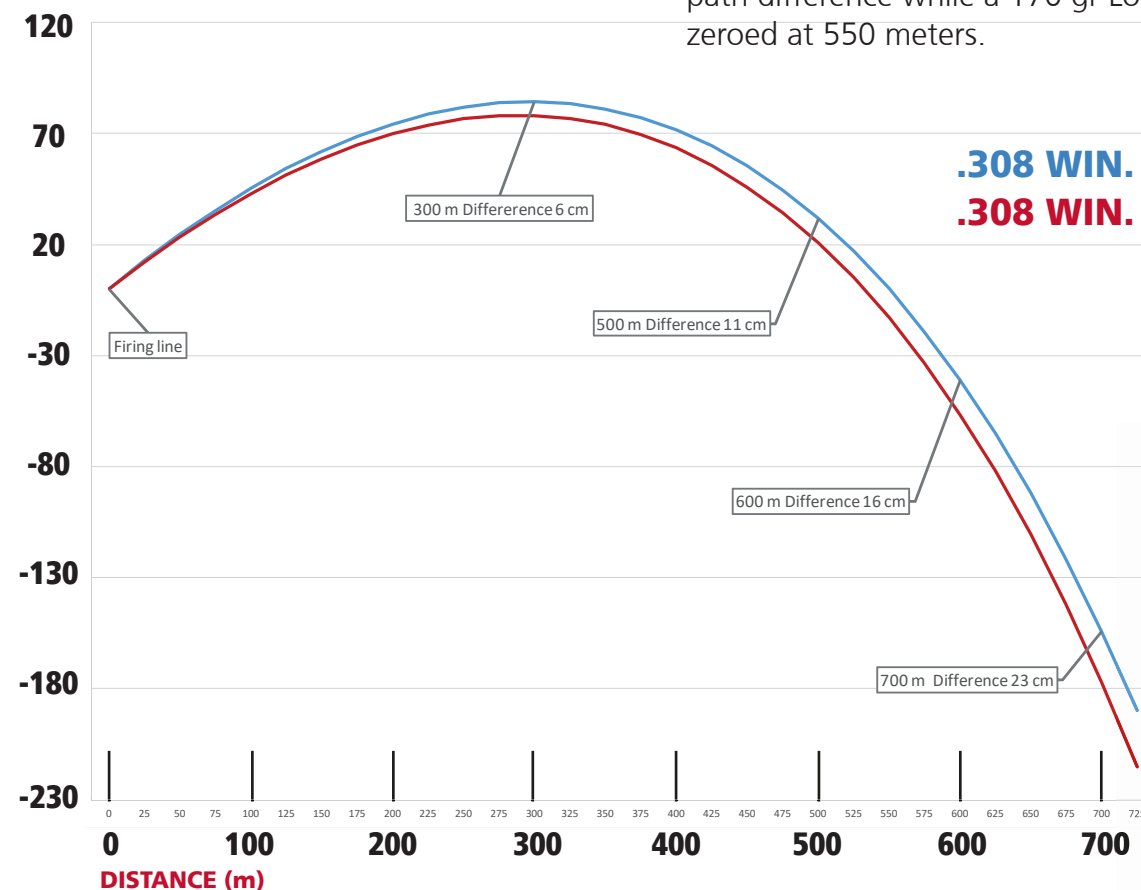
For tactical applications, Lapua offers the .260 Rem. ammunition packed to meet military requirements loaded with OTM bullets.

For Lapua tactical bullets, see the selection on page 33.



MATCHING TRAJECTORIES

.308 Win. 170 gr Lock Base and AP bullet path difference while a 170 gr Lock Base is zeroed at 550 meters.



.308 Win. 11 g / 170 gr FMJBT SEMI-AUTO cartridge

This tactical cartridge by Lapua is developed for short barreled semi-auto rifles. It is designed for optimal ballistic performance in shorter barrels (12"-20"). Lapua tailored the powder type and charge weight to reduce muzzle blast and flash while still delivering outstanding accuracy and velocity. From a standard 16" barrel, muzzle velocity should be 754 m/s and routinely capable of shooting groups under 1 MOA at 300 meters (<87mm / 300m) with quality rifles. This tactical cartridge works flawlessly with DMR-type semi-auto rifles.



TACTICAL BULLETS

BALLISTIC COEFFICIENT

For ultimate accuracy and precision, Lapua uses radar based data for all tactical projectile ballistics.

| .338 BULLETS | | | | | | | | |
|---------------------------|------------------|--------|--|------------------------------|------------------------------|-----------------------------|------------------------|--------------------------|
| BULLET NAME | Weight | Code | Ballistic coefficient G1 Velocity range [m/s] / [fps] | | | | | Ballistic coefficient G7 |
| | | | > 830 m/s > 2720 fps | 830-600 m/s 2720-1970 fps | 600-380 m/s 1970-1250 fps | 380-300 m/s 1250-980 fps | <300 m/s <980 fps | |
| Naturalis (Solid) | 15.0 g / 231 gr | N508 | 0.376 | 0.363 | 0.276 | 0.397 | | 0.193 |
| Scenar | 16.2 g / 250 gr | GB488 | 0.646 | 0.632 | 0.588 | 0.613 | | 0.320 |
| Lock Base | 16.2 g / 250 gr | B408 | 0.621 | 0.589 | 0.527 | 0.545 | | 0.310 |
| Armor Piercing | 16.1 g / 248 gr | AP485 | 0.564 | 0.562 | 0.539 | 0.559 | | 0.289 |
| Armor Piercing Incendiary | 16.4 g / 253 gr | API526 | 0.554 | 0.531 | 0.482 | 0.480 | | 0.269 |
| Scenar | 19.4 g / 300 gr | GB528 | 0.745 | 0.756 | 0.726 | 0.728 | | 0.368 |
| Armor Piercing | 19.4 g / 300 gr | AP529 | 0.726 | 0.707 | 0.683 | 0.632 | | 0.366 |
| Armor Piercing Incendiary | 19.4 g / 300 gr | API571 | ✱ | ✱ | ✱ | ✱ | | ✱ |
| .30 BULLETS | | | | | | | | |
| BULLET NAME | Weight | Code | Ballistic coefficient G1 Velocity range [m/s] / [fps] | | | | | Ballistic coefficient G7 |
| | | | > 830 m/s > 2720 fps | 830-600 m/s 2720-1970 fps | 600-380 m/s 1970-1250 fps | 380-300 m/s 1250-980 fps | <300 m/s <980 fps | |
| Scenar-L | 10.0 g / 155 gr | GB552 | 0.473 | 0.459 | 0.436 | 0.442 | | 0.230 |
| Armor Piercing | 10.7 g / 165 gr | AP492 | 0.447 | 0.425 | 0.382 | 0.313 | | 0.213 |
| Lock Base | 11.0 g / 170 gr | B476 | 0.511 | 0.476 | 0.402 | 0.287 | | 0.249 |
| | | | > 740 m/s > 2430 fps | 740-550 m/s 2430-1800 fps | 550-380 m/s 1800-1250 fps | 380-300 m/s 1250-980 fps | < 300 m/s < 980 fps | > 380 m/s > 1250 fps |
| Scenar | 10.85 g / 167 gr | GB422 | 0.473 | 0.446 | 0.405 | 0.365 | | 0.223 |
| Naturalis (Solid) | 11.0 g / 170 gr | N558 | 0.367 | 0.353 | 0.365 | 0.429 | | 0.177 |
| Scenar-L | 11.3 g / 175 gr | GB550 | 0.488 | 0.482 | 0.469 | 0.507 | | 0.247 |
| Scenar | 12.0 g / 185 gr | GB432 | 0.503 | 0.486 | 0.453 | 0.468 | | 0.242 |
| D46 | 12.0 g / 185 gr | D46 | 0.527 | 0.510 | 0.460 | 0.461 | | 0.254 |
| | | | > 300 m/s > 980 fps | < 300 m/s > 980 fps | | | | |
| Subsonic | 13.0 g / 200 gr | B416 | | | | 0.515 | 0.413 | 0.229 |
| Scenar-L | 14.3 g / 220 gr | GB551 | 0.647 | ✱ | ✱ | ✱ | | 0.324 |
| 6.5 MM / .264 BULLETS | | | | | | | | |
| BULLET NAME | Weight | Code | Ballistic coefficient G1 Velocity range [m/s] / [fps] | | | | | Ballistic coefficient G7 |
| | | | > 830 m/s > 2720 fps | 830-600 m/s 2720-1970 fps | 600-380 m/s 1970-1250 fps | 380-300 m/s 1250-980 fps | <300 m/s <980 fps | |
| Scenar | 8,0 g / 123 gr | GB489 | 0,536 | 0,523 | 0,483 | 0,441 | | 0.263 |
| Scenar-L | 8,8 g / 136 gr | GB546 | 0,564 | 0,539 | 0,521 | 0,533 | | 0.274 |
| Armor Piercing | 9,4 g / 145 gr | AP570 | * | * | * | * | * | * |



SCENAR

Scenar is an extremely accurate open-tip match bullet. The boat tail base provides an outstanding ballistic coefficient. Lapua Scenar bullets give superb results at long ranges.



D46

Often copied, never equaled. The legendary D46 in caliber 7.62 is one by which all others of its type are measured. Manufactured to the strictest tolerances for concentricity, uniformity of shape and weight, it has shot its way to the record books since the 1930's.



LOCK BASE

Unbeatable accuracy over extra long distances. Lock Base tail structure provides exceptional accuracy also at high pressures and high muzzle velocities. FMJBT configuration reduces drag and provides a flatter trajectory.



AP

Lapua's AP is the most accurate armour piercing ammunition that is manufactured using proven match grade technology. It provides excellent penetration against hard targets. Now available also in the 300gr family, and for 6.5 mm caliber solutions.



SUBSONIC

Lapua is the most widely used 7.62 mm caliber subsonic ammunition for military and law enforcement special operations. Designed especially for specialized short barrelled tactical rifles that have sound suppressors.



NATURALIS (SOLID)

Innovative bullet design enables controlled expansion with 100% retention weight. Bullet construction with valve design offers a maximal shock effect over the wide terminal velocity range (500-1000 m/s). For operational purposes the solid frame construction enables a straight bullet path through laminated glass without fragmentation.



API

Designed to be used against vehicles and structures in situations when excellent penetration, incendiary and point of impact effect are needed. The API bullet is designed to meet current insensitive munitions concerns.



NATURALIS® BULLETS AND CARTRIDGES

POLYMER VALVE

The new Naturalis design uses state of the art technology to produce consistent, controlled expansion. The polymer valve design uses hydraulic force to create the optimum mushrooming effect at the widest velocity range on the market.

MONOLITHIC COPPER BODY

The bullet is designed and manufactured by using pure copper. The material, design and controlled expansion ensures a solid and nearly unbreakable construction. The weight retention, even after impacting on heavy bone, is frequently 100% of its original weight.

IMPROVED SHAPE BETTER BALLISTICS

BALLISTIC ADVANTAGE OF BOAT TAIL DESIGN

The boat tail design eases reloading, and together with the streamlined ogive provides improved downrange ballistics.

BEST LOW VELOCITY PERFORMANCE ON MARKET

OUTSTANDING PERFORMANCE EVEN IN 900 M/S IMPACT VELOCITY

20% MORE EFFECTIVE RANGE

TEST WINNING BULLET

Tested by several hunting magazines. Jäger (GER): "One of the best price - performance ratios". Wild & Hund (GER) 5/2017: "Excellent stopping effect with minimal meat loss".



"A hunting experience for a true hunter is more than the end result."

The Lapua NATURALIS lead-free projectile is now in its third generation. Its original concept and design was introduced in 2002. It boasts devastating terminal performance and virtually 100% weight retention for deep penetration resulting in a clean, lead-free harvest of even large big game such as elk or moose.

.30 NATURALIS IN ACTION



482 m/s -> 11.0 g



791 m/s -> 11.0 g



908 m/s -> 10.9 g

.30 N558 11.0 g / 170 gr Naturalis®

Lapua has done extensive testing in calibrated gelatin at a wide range of impact velocities. This testing guarantees uniform, predictable performance under the broadest range of hunting conditions. Consistent mushrooming, reliable highest weight retention and excellent accuracy is assured.

A CLEAN, ACCURATE SHOT

The Naturalis, by design, begins to mushroom immediately upon impact. The expansion process begins with the bullet tip cavity which expands symmetrically and without fragmentation. This provides maximum energy transfer to the animal, minimizes the meat loss, and provides a quick and ethical kill.



NATURALIS®

Hunting bullets and cartridges



.224

N566 3.2 g / 50 gr
(NPL5001)



6 MM

N509 5.8 g / 90 gr
(NPL6201)



6.5 MM

N563 9.1 g / 140 gr
(NPL6203)



7 MM

N564 10.1 g / 155 gr
(NPL7027)



.30

N558 11.0 g / 170 gr
(NPL7105)



8 MM

N559 11.7 g / 180 gr
(NPL8009)



.338

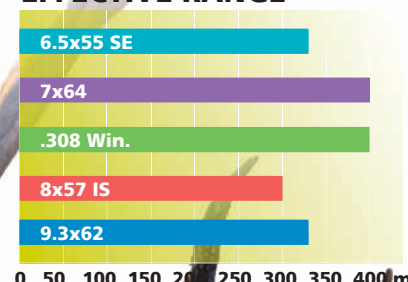
N508 15.0 g / 231 gr
(NPL8020)



9.3 MM

N560 16.2 g / 250 gr
(NPL9204)

EFFECTIVE RANGE



.222 REMINGTON

The .222 Rem. round continuously enjoys a reputation for inherent accuracy, and it is today a popular small game and varmint cartridge at short and medium ranges. In Scandinavia the .222 Rem. became popular among capercaillie and black grouse hunters. It is accurate and reliable in all conditions. Lapua offers a perfect selection of factory loaded cartridges in this centerfire caliber.



.243 WINCHESTER

Lapua's 243 Winchester ammunition gives you a mild recoiling cartridge with top notch accuracy and a flat trajectory. In Scandinavia this hard-hitting cartridge has always been a preferred caliber of bird and medium size game hunters. The Lapua ammunition selection for this caliber includes three different bullet styles: the FMJs, the Naturalis® and Soft Point.



6.5X55 SWEDISH

With Lapua 6.5x55 SE, whether it is used in hunting or competition, you will give no quarter to the game or your fellow competitors. A great universal choice for the all types of Scandinavian hunting possibilities with the straight trajectory, excellent ballistics and a huge bullet selection – for anything from grouse to moose.



.308 WINCHESTER

One of Lapua's flagship cartridges – the legendary .308 Winchester. For all types of hunting, the ammunition MUST do its job – without fail. Lapua does, no matter what the game, no matter what the conditions. This reliability makes Lapua the first choice for the vast majority of Scandinavian big game hunters, especially when loaded with our unbeatable Naturalis bullet. The Lapua .308 Winchester is an excellent choice when you need a cartridge that performs in any environment. Our uncompromising craftsmanship ensures match-grade quality for hunters and target shooters around the world.



.30-06 SPRINGFIELD

At over 100 years old, the .30-06 still displays the flexibility, reliability and performance that has made it one of the world's top hunting cartridges. No matter whether the game is hunted in the mountains or on wide open plains, the .30-06 Springfield meets the demands of big game hunting. Especially with heavy bullets, the .30-06 displays great versatility on large game, and is still a very popular hunting cartridge. The Lapua hunting ammunition selection for the .30-06 has four different rounds including the FMJ, the Mega and the Naturalis®.



9.3X62

The real big game cartridge for tough situations. The 9.3x62 rifle cartridge is an ideal choice for hunting large and dangerous game in tough conditions. Consistently increasing in popularity, the 9.3x62 round is one of the best solutions for moose and bear hunting but also for driven hunts of wild boars and other similar size game. Loaded with a premium quality bullet, it is suitable for all big game in Europe, North America and even in Africa. When pulling the trigger on the 9.3x62, there is no question of the power and effectiveness of this classic round.

DEER, ELK, BOARS OR BEARS

Whether you're hunting smaller game such as deer, boars or bear with tough hide, or large elk and moose, Lapua offers a wide range of cartridge options loaded with Lapua hunting bullets for your pursuit.

Lapua ammunition is precision loaded and optimized for every conceivable environment. From humid woods to dry hot deserts, or snow covered mountains, you can count on Lapua!

Lapua hunting cartridges are available loaded with NATURALIS, Mega, and FMJ bullets which have been designed and optimized for their end use. As you hone your shooting skills in preparation for your next hunt, you can count on Lapua ammunition to perform when it really matters. Lapua ammunition will meet or exceed your expectations, every time. The breadth of Lapua's ammunition offering will ensure that you will have what you need, regardless of the game or terrain.



MORE NATURALIS CARTRIDGES

| | | |
|-----------------|----------------------|---------|
| 6.5 Creedmoor | N563 9.1 g / 140 gr | N316401 |
| 6.5x47 Lapua | N563 9.1 g / 140 gr | N316301 |
| 7x64 | N564 10.1 g / 155 gr | N317322 |
| 7x65R | N564 10.1 g / 155 gr | N317323 |
| .8x57 IS | N559 11.7 g / 180 gr | N318009 |
| 8x57 IRS | N559 11.7 g / 180 gr | N318010 |
| .338 Lapua Mag. | N508 15.0 g / 231 gr | N318020 |

Photo: Niklas Scharffetter, JÄGER

Check **Youtube**
for **Naturalis video**



MEGA FOR BIG GAME

Lapua Mega bullets are purpose-built and optimized for big game hunting. Mega bullets deliver accuracy, reliability and dependability in all situations.

PREDICTABLE PERFORMANCE

The Lapua Mega is a soft point bullet designed for big game hunting. It features a traditional lead-core and copper jacket that are bonded for maximum weight retention after impact and expansion. The Mega has a long jacket that protects the core and prevents premature expansion, or breakage, when the bullet travels through brush or grass cover.

The Mega's mechanical bonding locks the core firmly within the jacket and will not separate even on the hardest impact. It typically doubles its caliber width upon impact, causing an immediate shock effect, yet retains up to 97% of its original weight.

The Mega bullet family includes five bullets, available in 6.5mm, .30 caliber, and 9.3 mm. Ammunition loaded with the Mega is available for the most popular big game calibers used in the Scandinavian countries.



TOP FEATURES

- Very high weight retention
- Controlled penetration
- Controlled bullet expansion

AVAILABLE IN

- 6.5x55 SE
- .308 Win.
- .30-06 Spring.
- 9.3x62

*Each hunting trip is its own,
"once in a lifetime" experience.
Trust Lapua Mega to guarantee
success and provide you with
fond and unforgettable outdoor
memories.*



Cartridges and bullets for TARGET AND HUNTING PRACTICE

The precision of these bullets offers shooters the opportunity to practice with the same rifle that they hunt with. For avid hunters that enjoy target competitions, the performance of these projectiles can really make a difference.



NEW!

8 mm G573 7,8 g / 120 gr OT

For avid hunters that enjoy target competitions, the performance of this projectile can really make a difference. An easy and softly firing bullet that meets Lapua's strict accuracy requirements.



NEW!

9.3 mm G574 12,0 g / 185 gr OT

The world's most accurate Open Tip bullet for this caliber. The 9.3mm, 185 gr bullet is available as a reloading bullet for home loaders, yet Lapua also offers it as a factory-loaded cartridge for anyone for whom accuracy and performance matter when choosing a cartridge.

MORE BULLETS FOR THIS PURPOSE

4PL5017 .224 S569 3,6 g / 55 gr FMJ
4PL6014 6.5 mm S341 6,5 g / 100 gr FMJ
4PL6000 6.5 mm B343 9,3 g / 140 gr FMJ
4PL7003 .30 S374 8,0 g / 123 gr FMJ
4PL7224 .30 G477 6,5 g / 100 gr OTCE
4PL7086 .30 B476 11,0 g / 170 gr FMJBT Lock Base

NEW!



8x57 IS

The 8x57 IS has earned a strong hunting image in recent years, but is now taking a step in the target shooting direction. A notable advantage of the new 120 gr OT bullet and the factory-loaded cartridge is that the bullet's point of impact coincides with the Lapua Naturalis, making both products ideal for hunting practice.

NEW!



9.3x62

The 9.3x62 has traditionally been used only with big game hunting in mind. Requirements have changed with time and today this rifle cartridge needs a bullet that offers a more diverse use of the caliber amongst hunters. Lapua has answered this demand and developed the world's most accurate Open Tip bullet for this caliber, which extends its use to a diverse set of options from practice shooting to small predator hunting. Also here, the impact point of resembles that of the Naturalis bullet, making this the ultimate round for hunters training for big game hunts.

MORE CARTRIDGES FOR THIS PURPOSE

4315021 .222 Rem S569 3,6 g / 55 gr FMJ
4315042 .223 Rem S569 3,6 g / 55 gr FMJ
4316052 .243 Win S561 5,8 g / 90 gr FMJ
4316033 6.5x55 SE S341 6,5 g / 100 gr FMJ
4317527 .308 Win S371 8,0 g / 123 gr FMJ
4317577 .30-06 S371 8,0 g / 123 gr FMJ



CARTRIDGES - CENTERFIRE RIFLE

| CARTRIDGES - CENTERFIRE RIFLE | | | | | | | | | | ●SPORT ●HUNTING ●TACTICAL AMMUNITION | | | | | | | | |
|-------------------------------|------------------------|-------------------------------------|----------------------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------------------------|---|---------------------|-----------------------|-------------------------|---------------------------|---------------------------|-------------------------|--|
| Caliber | Product no. | Bullet name Weight Code | Velocity [m/s] | | | | | | | Trajectory [mm] | | | | | | | Test barrel length [mm] | |
| | | | Energy [J] | | | | | | | Rifle sighted in at [m] | Impact point above or below line of sight (Scope 40 mm above bore line) | | | | | | | |
| | | | Wind drift [mm] (Sidewind 4 m/s) | | | | | | | | 100 m | 200 m | 300 m | 600 m | 800 m | 1000 m | | |
| 0 m | 100 m | 200 m | 300 m | 600 m | 800 m | 1000 m | | | | | | | | | | | | |
| .222 Rem. (5.7x43) | 4315021 ●● NEW! | FMJ 3,6 g / 55 gr S569 | 880 1394 0 | 760 1039 37 | 649 759 159 | 549 542 388 | | | | 100 168 GEE | 0 40 | -132 -52 | -498 -378 | | | 600 | | |
| | 4315030 ● | SP 3,6 g / 55 gr E539 | 880 1394 0 | 713 916 52 | 574 592 228 | 461 382 563 | | | | 100 300 163 GEE | 0 205 40 | -156 254 -76 | -615 0 -494 | | | 600 | | |
| | N315025 | Naturalis 3,2 g / 50 gr N566 | 965 1490 0 | 802 1030 41 | 656 689 181 | 532 293 883 | | | | 100 176 GEE | 0 40 | -115 -36 | -461 -342 | | | 600 | | |
| .223 Rem. | 4315042 ●●● | FMJ 3,6 g / 55 gr S569 | 955 1642 0 | 828 1234 33 | 712 913 141 | 606 661 343 | 362 236 1782 | | | 100 300 181 GEE | 0 135 39 | -104 165 -26 | -404 0 -286 | -3418 -2610 -3182 | | 660 | | |
| | N315026 NEW! | Naturalis 3,2 g / 50 gr N566 | | | | | | | 100 GEE | | | | | | | | | |
| | 4315011 ●● | Scenar 4,5 g / 69 gr GB541 | 850 1626 0 | 762 1307 26 | 680 1042 108 | 604 821 258 | 405 369 1251 | | | 100 300 600 | 0 156 574 | -129 184 1020 | -469 0 1253 | -3445 -2506 0 | | 510 | | |
| | 4315015 ●● | Scenar-L 4,5 g / 69 gr GB544 | 830 1550 0 | 744 1244 26 | 663 989 112 | 588 777 266 | 392 345 1288 | | | 100 300 600 | 0 167 611 | -138 196 1083 | -501 0 1332 | -3665 -2663 0 | | 510 | | |
| | .243 Win. (6.16x51) | 4316052 ●● | FMJ 5,8 g / 90 gr S561 | 885 2271 0 | 796 1837 25 | 712 1472 104 | 634 1166 247 | 434 546 1187 | | | 100 300 176 GEE | 0 142 39 | -116 168 -33 | -425 0 -290 | -3122 -2272 -2672 | | 610 | |
| N316201 ● | | Naturalis 5,8 g / 90 gr N509 | 910 2414 0 | 776 1756 35 | 655 1250 154 | | | | 100 167 GEE | 0 37 | -124 -51 | | | | | 610 | | |
| 4316056 ● | | SP 6,5 g / 100 gr E562 | 910 2691 0 | 823 2203 23 | 742 1790 95 | 665 1439 225 | | | | 100 300 177 GEE | 0 130 38 | -105 154 -30 | -389 0 -281 | | | 610 | | |
| 6 mm BR Norma | 4316044 ● | Scenar-L 5,8 g / 90 gr GB543 | 900 2349 0 | 828 1988 18 | 759 1670 76 | 693 1392 180 | 511 758 838 | | | 100 300 600 | 0 125 434 | -103 148 765 | -375 0 926 | -2602 -1852 0 | | 670 | | |
| | 4316046 ● | Scenar 6,8 g / 105 gr GB478 | 850 2457 0 | 786 2100 18 | 724 1783 75 | 665 1504 177 | 508 876 809 | 420 599 1574 | 346 407 2697 | 100 300 600 | 0 141 474 | -118 164 830 | -423 0 1000 | -2846 -1999 -6970 | -6279 -5150 -2484 | -11962 -10551 -7218 | 670 | |
| | 4316047 ● | Scenar-L 6,8 g / 105 gr GB542 | 815 2258 0 | 752 1924 19 | 692 1627 80 | 634 1368 189 | 483 792 862 | 398 539 1670 | 332 374 2845 | 100 300 600 | 0 158 527 | -134 182 919 | -473 0 1107 | -3160 -5708 -2757 | -13287 -11709 -8019 | 670 | | |
| 6.5x47 Lapua | 4316017 ● | Scenar-L 7,8 g / 120 gr GB547 | 845 2785 0 | 782 2382 18 | 720 2020 76 | 660 1699 178 | 499 970 826 | 407 645 1622 | | 100 300 600 | 0 144 485 | -121 167 849 | -432 0 1023 | -2909 -5300 -2573 | -6452 -5300 -2573 | 660 | | |
| | 4316011 ● | Scenar 8,0 g / 123 gr GB489 | 850 2890 0 | 792 2510 16 | 736 2164 67 | 681 1856 158 | 532 787 716 | 444 526 1394 | 362 526 2409 | 100 300 600 | 0 137 453 | -116 159 791 | -412 0 948 | -2720 -1896 0 | -5919 -4819 -2292 | -11138 -9763 -6603 | 660 | |
| | 4316016 ● | Scenar-L 8,8 g /136 gr GB546 | 800 2816 0 | 745 2444 17 | 692 2106 72 | 641 1806 168 | 502 1109 759 | 423 786 1463 | 355 554 2478 | 100 300 600 | 0 160 519 | -137 183 902 | -479 -2157 1079 | -3116 -5466 0 | -6744 -10995 -7399 | 660 | | |
| | 4316012 ● | Scenar 9,0 g / 139 gr GB458 | 820 3026 0 | 769 2662 15 | 719 2328 63 | 671 2029 146 | 539 1308 653 | 459 950 1257 | 386 670 2143 | 100 300 600 | 0 146 470 | -125 168 815 | -439 -1943 971 | -2822 -4859 0 | -6031 -9650 -6411 | -11115 -9650 | 660 | |
| | N316301 ● | Naturalis 9,1 g / 140 gr N563 | 807 2963 0 | 665 2010 53 | 544 1349 233 | 450 922 565 | | | | 100 150 GEE | 0 44 | -185 -97 | -705 -573 | | | 660 | | |
| 6.5 Creedmoor | 4316060 ●● | Scenar 8,0 g / 123 gr GB489 | 850 2890 0 | 792 2510 16 | 736 2164 67 | 681 1856 158 | 532 1133 716 | 444 787 1394 | 362 526 2409 | 100 300 600 | 0 137 453 | -116 159 791 | -412 0 948 | -2720 -1896 0 | -5919 -4819 -2292 | -11138 -9763 -6603 | 600 | |
| | 4316063 ● NEW! | Scenar-L 8,8 g / 136 gr GB546 | | | | | | | | | | | | | | | 600 | |
| | 4316401 ● | Naturalis 9,1 g / 140 gr N563 | 780 2768 0 | 641 1869 56 | 525 1256 241 | 435 862 583 | | | | 100 145 GEE | 0 38 | -202 -126 | -763 -649 | | | 600 | | |
| | 4316064 ● NEW! | Mega 10,1 g / 155 gr E471 | | | | | | | | 100 GEE | | | | | | | 600 | |
| .260 Rem. | 4316065 ● NEW! | Scenar-L 8,8 g / 136 gr GB546 | 809 2880 0 | 754 2502 24 | 700 2158 96 | 649 1852 224 | 509 808 1007 | 429 1958 | 360 570 3367 | 100 300 600 | 0 155 506 | -133 178 879 | -466 0 1051 | -3035 -2102 0 | -6567 -5324 -2521 | -12259 -10704 -7200 | 510 | |
| 6.5x55 SE | 4316033 ●● | FMJ 6,5 g / 100 gr S341 | 830 2239 0 | 713 1654 37 | 606 1195 161 | 510 845 394 | | | | 100 300 159 GEE | 0 219 40 | -194 244 -75 | -656 0 -462 | | | 600 | | |
| | 4316035 ● | Scenar 6,5 g / 100 gr GB504 | 800 2080 0 | 730 1733 22 | 664 1433 94 | 601 1176 223 | 433 610 1047 | | | 100 300 600 | 0 170 584 | -144 196 1024 | -509 -2485 1242 | -3504 -2485 0 | | 740 | | |
| | 4316031 ● | Scenar 7,0 g / 108 gr GB464 | 900 2835 0 | 833 2426 17 | 767 2059 71 | 703 1732 167 | 532 989 773 | 431 650 1529 | 341 407 2690 | 100 300 600 | 0 123 420 | -101 145 740 | -368 0 893 | -2523 -1786 0 | -5618 -4636 -2254 | -10865 -9637 -6659 | 740 | |

CARTRIDGES - CENTERFIRE RIFLE

| CARTRIDGES - CENTERFIRE RIFLE | | | | | | | | | | ● SPORT ● HUNTING ● TACTICAL AMMUNITION | | | | | | | |
|-------------------------------|----------------------------------|--------------------------------------|----------------------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---|---|--------------------|---------------------|-------------------------|---------------------------|---------------------------|-------------------------|
| Caliber | Product no. | Bullet name Weight Code | Velocity [m/s] | | | | | | | Trajectory [mm] | | | | | | | Test barrel length [mm] |
| | | | Energy [J] | | | | | | | Rifle sighted in at [m] | Impact point above or below line of sight (Scope 40 mm above bore line) | | | | | | |
| | | | Wind drift [mm] (Sidewind 4 m/s) | | | | | | | | 100 m | 200 m | 300 m | 600 m | 800 m | 1000 m | |
| 0 m | 100 m | 200 m | 300 m | 600 m | 800 m | 1000 m | | | | | | | | | | | |
| 6.5x55 SE (cont.) | 4316038 ● | Scenar-L 7,8 g / 120 gr GB547 | 830 2687 0 | 767 2294 19 | 705 1941 78 | 647 1630 184 | 487 926 851 | 397 614 1672 | | 100 300 600 | 0 151 506 | -127 174 886 | -452 0 1067 | -3039 -2135 0 | -6744 -5538 -2692 | 740 | |
| | 4316039 ● | Scenar-L 7,8 g / 120 gr GB547 | 920 3301 0 | 855 2849 16 | 791 2441 65 | 729 2072 154 | 557 1211 711 | 458 819 1397 | 371 538 2422 | 100 300 600 | 0 115 393 | -95 136 692 | -346 0 833 | -2359 -1667 0 | -5217 -4293 -2071 | -9974 -8820 -6041 | 740 |
| | 4316032 ● | Scenar 8,0 g / 123 gr GB489 | 830 2756 0 | 773 2387 17 | 717 2054 70 | 663 1759 164 | 516 1066 745 | 429 736 1452 | 350 489 2515 | 100 300 600 | 0 146 480 | -124 168 836 | -438 0 1002 | -2880 -2004 0 | -6271 -5103 -2431 | -11822 -10361 -7020 | 740 |
| | 4316036 ● | Scenar 8,0 g / 123 gr GB489 | 920 3386 0 | 860 2961 14 | 802 2575 59 | 745 2223 137 | 588 1384 624 | 495 979 1212 | 409 670 2086 | 100 300 600 | 0 112 374 | -92 132 657 | -336 0 787 | -2245 -1574 0 | -4877 -3982 -1884 | -9129 -8010 -5387 | 740 |
| | 4316040 ● | Scenar-L 8,8 g / 136 gr GB546 | 815 2923 0 | 760 2541 17 | 706 2194 69 | 654 1883 163 | 514 1161 737 | 433 824 1420 | 363 580 2408 | 100 300 600 | 0 153 497 | -130 175 864 | -458 0 1033 | -2982 -2067 0 | -6453 -5232 -2476 | -12042 -10516 -7071 | 740 |
| | 4316030 ● | Scenar 9,0 g / 139 gr GB458 | 800 2880 0 | 749 2527 16 | 700 2207 65 | 653 1921 152 | 523 1231 680 | 445 890 1311 | 372 623 2238 | 100 300 600 | 0 156 498 | -134 178 863 | -467 0 1028 | -2991 -2056 0 | -6395 -5149 -2407 | -11802 -8010 -6817 | 740 |
| | N316102 ● | Naturalis 9,1 g / 140 gr N563 | 800 2912 0 | 658 1973 50 | 540 1324 220 | | | | | 100 150 GEE | 0 40 | -189 -109 | | | | | 600 |
| | 4316021 ● | Mega 10,1 g / 155 gr E471 | 780 3072 0 | 704 2505 26 | 633 2022 110 | 566 1616 261 | | | | 100 156 GEE | 0 39 | -198 -80 | -640 -446 | | | | 740 |
| 7x64 | N317322 ● | Naturalis 10,1 g / 156 gr N564 | 840 3563 0 | 733 2714 34 | 634 2032 144 | 544 1493 349 | | | | 100 163 GEE | 0 40 | -144 -63 | -534 -413 | | | 600 | |
| 7X65R | N317323 ● | Naturalis 10,1 g / 156 gr N564 | 840 3563 0 | 733 2714 34 | 634 2032 144 | 544 1493 349 | | | | 100 163 GEE | 0 40 | -144 -63 | -534 -413 | | | 600 | |
| 7.62x39 | 4317235 ●●● | FMJ 8,0 g / 123 gr S405 | 715 2045 0 | 610 1487 45 | 511 1045 199 | 422 712 496 | | | | 100 300 600 | 0 277 328 | -226 328 0 | -831 0 | | | 420 | |
| .308 Win. (7.62x51) | 4317527 ●● | FMJ 8,0 g / 123 gr S374 | 895 3204 0 | 782 2444 30 | 674 1815 132 | 571 1302 326 | | | | 100 300 173 GEE | 0 153 40 | -121 185 -41 | -460 0 -339 | | | 660 | |
| | 4317498 ● | Mega 9,7 g / 150 gr E469 | 850 3504 0 | 759 2794 27 | 675 2210 112 | 595 1717 269 | | | | 100 300 168 GEE | 0 159 40 | -130 187 -50 | -476 0 -359 | | | 660 | |
| | 4317076 ●● | Scenar-L 10,0 g / 155 gr GB552 | 860 3698 0 | 794 3151 18 | 730 2263 76 | 669 1254 831 | 408 833 1640 | 331 548 2857 | 100 300 600 | 0 138 469 | -115 161 822 | -414 0 992 | -2813 -1984 0 | -6265 -5160 -2515 | -12106 -10726 -7418 | 660 | |
| | 4317515 ●● | Scenar 10,85 g / 167 gr GB422 | 820 3648 0 | 754 3083 20 | 690 2579 85 | 628 2138 200 | 459 1144 946 | 364 717 1899 | 100 300 600 | 0 157 535 | -132 181 938 | -470 0 1135 | -3212 -2271 0 | -7258 -6003 -2975 | | 660 | |
| | 4317596 HPS ●●● | Lock Base 11,0 g / 170 gr B476 | 840 3881 0 | 779 3337 18 | 718 2839 77 | 659 2392 182 | 493 1338 855 | 390 836 1724 | 310 527 3103 | 100 300 600 | 0 145 487 | -122 168 852 | -435 0 1027 | -2924 -2054 0 | -6522 -5362 -2623 | -12765 -11315 -7891 | 660 |
| | 43M7600 SEMI AUTO ●●● | Lock Base 11,0 g / 170 gr B476 | 744 3044 0 | 684 2575 23 | 626 2158 96 | 570 1788 228 | 411 931 1087 | 321 568 2228 | 100 300 600 | 0 196 658 | -170 223 1147 | -589 0 1386 | -3951 -2772 0 | -8683 -7391 -3694 | | 400 | |
| | N317105 ● | Naturalis 11,0 g / 170 gr N558 | 800 3520 0 | 717 2829 27 | 639 2243 115 | 566 1762 276 | | | 100 159 GEE | 0 40 | -151 -72 | -543 -424 | | | | 660 | |
| | 4317520 ●●● | Scenar-L 11,3 g / 175 gr GB550 | 793 3553 0 | 733 3039 19 | 675 2577 80 | 619 2166 190 | 468 1239 879 | 384 833 1720 | 323 588 2944 | 100 300 600 | 0 167 555 | -143 191 968 | -501 0 1165 | -3332 -2329 0 | -7362 -6025 -2919 | -14087 -12415 -8532 | 660 |
| | 4317523 ●●● | Scenar 12,0 g / 185 gr GB432 | 755 3420 0 | 697 2911 21 | 640 2454 88 | 585 2052 207 | 438 1152 963 | 356 761 1898 | 100 300 600 | 0 188 622 | -162 214 1083 | -563 0 1304 | -3735 -2609 0 | -8288 -6787 -3308 | | 660 | |
| | 4317189 ● | Mega 12,0 g / 185 gr E415 | 765 3511 0 | 677 2750 32 | 595 2124 137 | 519 1616 329 | | | 100 151 GEE | 0 39 | -174 -97 | -627 -514 | | | | 660 | |
| | 4317590 ●●● | FMJBT 12,0 g / 185 gr D46 | 760 3466 0 | 704 2974 20 | 650 2533 82 | 597 2141 193 | 452 1228 895 | 369 815 1772 | 100 300 600 | 0 182 598 | -157 207 1039 | -547 0 1247 | -3588 -2495 0 | -7908 -6450 -3123 | | 660 | |
| 4317340 Subsonic ● | FMJBT 13,0 g / 200 gr B416 | 325 687 0 | 309 620 33 | 296 568 127 | 284 524 277 | | | 100 300 600 | 0 1033 1077 | -988 -3097 0 | | | | | 410 ¹⁾ | | |
| .30-06 Spring. | 4317577 ●● | FMJ 8,0 g / 123 gr S374 | 895 3204 0 | 782 2444 30 | 674 1815 132 | 571 1302 326 | | | | 100 300 173 GEE | 0 153 40 | -121 185 -41 | -460 0 -339 | | | 600 | |
| | N317106 ● | Naturalis 11,0 g / 170 gr N558 | 830 3789 0 | 746 3060 26 | 666 2437 109 | 591 1919 260 | | | | 100 165 GEE | 0 40 | -137 -56 | -495 -375 | | | 600 | |
| | 4317563 ● | Mega 12,0 g / 185 gr E415 | 800 3837 0 | 710 3019 30 | 625 2344 128 | 547 1795 307 | | | | 100 157 GEE | 0 39 | -155 -78 | -561 -448 | | | 600 | |
| | 4317567 ● | Mega 13,0 g / 200 gr E401 | 775 3892 0 | 693 3108 29 | 615 2453 123 | 543 1913 294 | | | | 100 154 GEE | 0 39 | -165 -87 | -589 -475 | | | 600 | |

| CARTRIDGES - CENTERFIRE RIFLE | | | | | | | | | | | ●SPORT ●HUNTING ●TACTICAL AMMUNITION | | | | | | | | | |
|-------------------------------|-----------------|-------------------------------|----------------------------------|------|------|------|------|------|---------|---------|--------------------------------------|---|-------|-------|-------|-------|--------|-------------------------|--|--|
| Caliber | Product no. | Bullet name Weight Code | Velocity [m/s] | | | | | | | | Trajectory [mm] | | | | | | | Test barrel length [mm] | | |
| | | | Energy [J] | | | | | | | | Rifle sighted in at [m] | Impact point above or below line of sight (Scope 40 mm above bore line) | | | | | | | | |
| | | | Wind drift [mm] (Sidewind 4 m/s) | | | | | | | | | 100 m | 200 m | 300 m | 600 m | 800 m | 1000 m | | | |
| .300 Win Mag. | N317204 | Naturalis | 902 | 815 | 732 | 652 | 452 | | | | 100 | 0 | -108 | -401 | -2940 | | | 600 | | |
| | ● | 11,0 g / 170 gr | 4475 | 3654 | 2945 | 2339 | 1123 | | | | 300 | 134 | 159 | 0 | -2139 | | | | | |
| | NEW! | N558 | 0 | 26 | 108 | 258 | 1249 | | | | 178 GEE | 40 | -29 | -282 | -2702 | | | | | |
| | 4317312 | Mega | 830 | 736 | 649 | 568 | | | | | 100 | 0 | -142 | -518 | | | 600 | | | |
| ● | 12,0 g / 185 gr | 4130 | 3251 | 2525 | 1934 | | | | | 163 GEE | 40 | -62 | -398 | | | | | | | |
| NEW! | E415 | 0 | 33 | 140 | 336 | | | | | | | | | | | | | | | |
| 4317308 | ●● | Scenar | 930 | 866 | 805 | 745 | 576 | 476 | 388 | 100 | 0 | -91 | -334 | -2259 | -4963 | -9426 | 680 | | | |
| | ●● | 12,0 g / 185 gr | 5189 | 4505 | 3886 | 3330 | 1989 | 1360 | 905 | 300 | 111 | 132 | 0 | -1591 | -4073 | -8313 | | | | |
| | NEW! | GB432 | 0 | 18 | 75 | 174 | 796 | 1571 | 2746 | 600 | 376 | 662 | 796 | 0 | -1951 | -5660 | | | | |
| | 8x57 IRS | N318010 | Naturalis | 800 | 718 | 639 | 566 | | | | 100 | 0 | -151 | -544 | | | | 600 | | |
| ● | 11,7 g / 180 gr | 3744 | 3013 | 2388 | 1873 | | | | | 159 GEE | 40 | -72 | -425 | | | | | | | |
| 0 | N559 | 0 | 23 | 101 | 244 | | | | | | | | | | | | | | | |
| 8x57 IS | 4318029 | OT | 915 | 788 | 673 | 567 | 339 | | | 100 | 0 | -119 | -458 | -3913 | | | 600 | | | |
| | ● | 7,8 g / 120 gr | 3286 | 2439 | 1776 | 1263 | 451 | | | 300 | 153 | 186 | 0 | -2997 | | | | | | |
| | NEW! | G573 | 0 | 37 | 158 | 387 | 2024 | | | 173 GEE | 40 | -40 | -338 | -3674 | | | | | | |
| | 4318009 | Naturalis | 820 | 737 | 657 | 514 | | | | | 0 | -141 | -510 | | | | 600 | | | |
| ● | 11,7 g / 180 gr | 3934 | 3177 | 2527 | 1985 | | | | | 163 GEE | 40 | -61 | -390 | | | | | | | |
| 0 | N559 | 0 | 26 | 110 | 264 | | | | | | | | | | | | | | | |
| .338 Lapua Mag. (8.6x70) | N318020 | Naturalis | 920 | 835 | 753 | 674 | 473 | | | 100 | 0 | -100 | -374 | -2729 | | | 680 | | | |
| | ●● | 15,0 g / 231 gr | 6348 | 5233 | 4251 | 3410 | 1678 | | | 300 | 125 | 149 | 0 | -1982 | | | | | | |
| | 0 | N508 | 0 | 21 | 88 | 211 | 1014 | | | 178 GEE | 40 | -29 | -280 | -2663 | | | | | | |
| | 4318017 | Scenar | 905 | 856 | 808 | 762 | 631 | 551 | 477 | 100 | 0 | -93 | -336 | -2164 | -4570 | -8274 | 680 | | | |
| | ●● | 16,2 g / 250 gr | 6634 | 5937 | 5294 | 4703 | 3225 | 2457 | 1840 | 300 | 112 | 131 | 0 | -1493 | -3674 | -7155 | | | | |
| | 0 | GB488 | 0 | 12 | 48 | 112 | 495 | 944 | 1589 | 600 | 361 | 628 | 746 | 0 | -1684 | -4667 | | | | |
| | 4318033 | Lock Base | 900 | 850 | 800 | 751 | 611 | 525 | 444 | 100 | 0 | -95 | -343 | -2231 | -4753 | -8711 | 680 | | | |
| | ●● | 16,2 g / 250 gr | 6561 | 5846 | 5179 | 4563 | 3023 | 2230 | 1600 | 300 | 114 | 134 | 0 | -1544 | -3838 | -7567 | | | | |
| | 0 | B408 | 0 | 12 | 51 | 119 | 535 | 1035 | 1768 | 600 | 372 | 648 | 772 | 0 | -1779 | -4993 | | | | |
| | 4318013 | Scenar | 830 | 789 | 750 | 712 | 605 | 539 | 478 | 100 | 0 | -117 | -407 | -2524 | -5231 | -9289 | 680 | | | |
| | ●● | 19,4 g / 300 gr | 6682 | 6038 | 5465 | 4917 | 3550 | 2818 | 2216 | 300 | 136 | 155 | 0 | -1710 | -4146 | -7932 | | | | |
| | 0 | GB528 | 0 | 12 | 47 | 109 | 469 | 880 | 1457 | 600 | 421 | 725 | 855 | 0 | -1865 | -5082 | | | | |
| 43M8011 | Lock Base | 820 | 781 | 742 | 705 | 597 | 529 | 466 | 100 | 0 | -121 | -420 | -2597 | -5385 | -9581 | 680 | | | | |
| ●● | 19,4 g / 300 gr | 6522 | 5913 | 5345 | 4327 | 3456 | 2720 | 2105 | 300 | 140 | 159 | 0 | -1757 | -4264 | -8180 | | | | | |
| 0 | B557 | 0 | 12 | 50 | 115 | 502 | 949 | 1584 | 600 | 435 | 748 | 882 | 0 | -1925 | -5246 | | | | | |
| 9.3x62 | 4319012 | OT | 845 | 739 | 641 | 550 | 349 | | | 100 | 0 | -141 | -523 | -4159 | | | 600 | | | |
| | ● | 12,0 g / 185 gr | 4284 | 3275 | 2462 | 1818 | 729 | | | 300 | 174 | 208 | 0 | -3113 | | | | | | |
| | NEW! | G574 | 0 | 36 | 155 | 374 | 1891 | | | 164 GEE | 40 | -61 | -403 | -3919 | | | | | | |
| N319204 | ● | Naturalis | 740 | 674 | 611 | 552 | | | | 100 | 0 | -176 | -615 | | | | 600 | | | |
| | ● | 16,2 g / 250 gr | 4436 | 3683 | 3027 | 2472 | | | | 150 GEE | 39 | -98 | -498 | | | | | | | |
| | 0 | N560 | 0 | 25 | 104 | 247 | | | | | | | | | | | | | | |
| 4319010 | ● | Mega | 690 | 612 | 539 | 473 | | | | 100 | 0 | -223 | -783 | | | 600 | | | | |
| ● | 18,5 g / 285 gr | 4404 | 3461 | 2688 | 2069 | | | | 140 GEE | 39 | -147 | -673 | | | | | | | | |
| 0 | E433 | 0 | 35 | 149 | 357 | | | | | | | | | | | | | | | |

¹⁾ NOTE: Required twist is 1 turn in 250 mm or faster. Maximum barrel length 450 mm.

TACTICAL CARTRIDGES

| Caliber | Product no. | Bullet name Weight Code | Velocity [m/s] | | | | | | | | Trajectory [mm] | | | | | | | | Test barrel length [mm] | |
|-------------------------|----------------------|--|------------------|---------------------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|-------------------|-----------------|-------------------------|---|---------------------|-------------------------|---------------------------|-------------------|--|-------------------------|--|
| | | | Energy [J] | Crosswind drift [mm] (Sidewind 4 m/s) | | | | | | | | Rifle sighted in at [m] | Impact point above or below line of sight (Scope 40 mm above bore line) | | | | | | | |
| | | | | 0 m | 100 m | 200 m | 300 m | 600 m | 800 m | 1000 m | 100 m | | 200 m | 300 m | 600 m | 800 m | 1000 m | | | |
| 6.5 Creedmoor | 43M6001 | Armor Piercing 9,4 g / 145 gr AP570 | 845 3356 0 | | | | | | | | | | | | | | 600 | | | |
| | NEW! | | | | | | | | | | | | | | | | | | | |
| . 308 Win. (7.62x51) | 4317076 | Scenar-L 10,0 g / 155 gr GB552 | 860 3698 0 | 794 3151 18 | 730 2663 76 | 669 2235 180 | 503 1264 831 | 408 833 1640 | 331 548 2857 | 100 300 600 | 0 138 469 | -115 161 822 | -414 0 992 | -2813 -1984 0 | -6265 -5160 -2515 | -12106 -10726 -7418 | 660 | | | |
| | 4317598 | Armor Piercing 10,7 g / 165 gr AP492 | 860 3957 0 | 790 3339 23 | 722 2786 97 | 593 1883 430 | 478 1221 1086 | 373 743 2203 | | 100 300 600 | 0 141 489 | -118 165 861 | -424 0 1044 | -2936 -2088 0 | -6673 -5541 -2757 | | 660 | | | |
| | 4317515 | Scenar 10,85 g / 167 gr GB422 | 820 3648 0 | 754 3083 20 | 690 2579 85 | 628 2138 200 | 459 1144 946 | 364 717 1899 | | 100 300 600 | 0 157 535 | -132 181 938 | -470 0 1135 | -3212 -2271 0 | -7258 -6003 -2975 | | 660 | | | |
| | 4317596 HPS | Lock Base 11,0 g / 170 gr B476 | 840 3881 0 | 779 3337 18 | 718 2839 77 | 659 2392 182 | 493 1338 855 | 390 836 1724 | | 100 300 600 | 0 145 487 | -122 168 852 | -435 0 1027 | -2924 -2054 0 | -6522 -5362 -2623 | | 660 | | | |
| | 43M7600 SEMI-AUTO | Lock Base 11,0 g / 170 gr B476 | 744 3044 0 | 684 2575 23 | 626 2158 96 | 570 1788 228 | 411 931 1087 | 321 568 2228 | | 100 300 600 | 0 196 658 | -170 223 1147 | -589 0 1386 | -3951 -2772 0 | -8683 -7391 -3694 | | 400 | | | |
| | 4317520 | Scenar-L 11,3 g / 175 gr GB550 | 793 3553 0 | 733 3039 19 | 675 2577 80 | 619 2166 190 | 468 1239 879 | 384 833 1720 | | 100 300 600 | 0 167 555 | -143 191 968 | -501 0 1165 | -3332 -2329 0 | -7362 -6025 -2919 | | 660 | | | |
| | 4317523 | Scenar 12,0 g / 185 gr GB432 | 755 3420 0 | 697 2911 21 | 640 2454 88 | 585 2052 207 | 438 1152 963 | 356 761 1898 | | 100 300 600 | 0 188 622 | -162 214 1083 | -563 0 1304 | -3735 -2609 0 | -8288 -6787 -3308 | | 660 | | | |
| | N317105 | Naturalis 11,0 g / 170 gr N558 | 800 3520 0 | 717 2829 27 | 639 2243 115 | 566 1762 276 | | | | 100 300 | 0 181 | -151 211 | -543 0 | | | | 660 | | | |
| | 4317590 | D46 12,0 g / 185 gr D46 | 760 3466 0 | 704 2974 20 | 650 2533 82 | 597 2141 193 | 452 1228 895 | 369 815 1772 | | 100 300 600 | 0 182 598 | -157 207 1039 | -547 0 1247 | -3588 -2495 0 | -7908 -6450 -3123 | | 660 | | | |
| | 4317340 | Subsonic 13,0 g / 200 gr B416 | 325 687 0 | 309 620 33 | 296 568 127 | 284 524 277 | | | | 100 300 600 | 0 1033 | -988 1077 | -3097 0 | | | | 410 ¹⁾ | | | |

AP and API ammunition are available for military and law enforcement use only.

TACTICAL CARTRIDGES

| Caliber | Product no. | Bullet name Weight Code | Velocity [m/s] Energy [J] Crosswind drift [mm] (Sidewind 4 m/s) | | | | | | | | | | Trajectory [mm] | | | | | | | | | | Test barrel length [mm] | |
|-----------------------------|-----------------|-------------------------------|---|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------------------------|---|-------|-------|-------|--------|--------|--------|-----|--|-------------------------|--|
| | | | | | | | | | | | | | Rifle sighted in at [m] | Impact point above or below line of sight (Scope 40 mm above bore line) | | | | | | | | | | |
| | | | 0 m | 100 m | 200 m | 300 m | 600 m | 800 m | 1000 m | 1200 m | 1500 m | 100 m | | 200 m | 300 m | 600 m | 800 m | 1000 m | 1200 m | 1500 m | | | | |
| .338 Lapua Mag. (8.6x70) | N318020 | Naturalis | 920 | 835 | 753 | 674 | 473 | | | | | 100 | 0 | -100 | -374 | -2729 | | | | | 680 | | | |
| | | 15,0 g / 231 gr | 6348 | 5233 | 4251 | 3410 | 1678 | | | | | 300 | 125 | 149 | 0 | -1982 | | | | | | | | |
| | | N508 | 0 | 21 | 88 | 211 | 1014 | | | | | 600 | 40 | -29 | -280 | -2663 | | | | | | | | |
| | 4318017 | Scenar | 905 | 856 | 808 | 762 | 631 | 551 | 477 | 409 | 328 | 100 | 0 | -93 | -336 | -2164 | -4570 | -8274 | -13721 | -26585 | 680 | | | |
| | | 16,2 g / 250 gr | 6634 | 5937 | 5294 | 4703 | 3225 | 2457 | 1840 | 1353 | 874 | 300 | 112 | 131 | 0 | -1493 | -3674 | -7155 | -12377 | -24904 | | | | |
| | | GB488 | 0 | 12 | 48 | 112 | 495 | 944 | 1589 | 2489 | 4392 | 600 | 361 | 628 | 746 | 0 | -1684 | -4667 | -9390 | -21168 | | | | |
| | 4318033 | Lock Base | 900 | 850 | 800 | 751 | 611 | 525 | 444 | 372 | 310 | 100 | 0 | -95 | -343 | -2231 | -4753 | -8711 | -14679 | -29281 | 680 | | | |
| | | 16,2 g / 250 gr | 6561 | 5846 | 5179 | 4563 | 3023 | 2230 | 1600 | 1118 | 778 | 300 | 114 | 134 | 0 | -1544 | -3838 | -7567 | -13305 | -27561 | | | | |
| B408 | | 0 | 12 | 51 | 119 | 535 | 1035 | 1768 | 2819 | 5012 | 600 | 372 | 648 | 772 | 0 | -1779 | -4993 | -10214 | -23695 | | | | | |
| 4318035 | Armor Piercing | 905 | 848 | 794 | 741 | 595 | 509 | 431 | 363 | 308 | 100 | 0 | -96 | -346 | -2282 | -4901 | -9046 | -15324 | -30594 | 680 | | | | |
| | 16,1 g / 248 gr | 6593 | 5794 | 5069 | 4417 | 2851 | 2084 | 1496 | 1063 | 763 | 300 | 115 | 135 | 0 | -1589 | -3977 | -7891 | -13937 | -28858 | | | | | |
| | AP485 | 0 | 14 | 57 | 133 | 593 | 1138 | 1928 | 3038 | 5275 | 600 | 380 | 665 | 794 | 0 | -1859 | -5243 | -10758 | -24881 | | | | | |
| 4318048 | Armor Piercing | 895 | 838 | 782 | 727 | 574 | 481 | 396 | 331 | 288 | 100 | 0 | -100 | -361 | -2386 | -5172 | -9679 | -16714 | -34161 | 680 | | | | |
| | Incendiary | | | | | | | | | | | | | | | | | | | | | | | |
| | 16,4 g / 253 gr | 6568 | 5757 | 5014 | 4338 | 2699 | 1896 | 1288 | 900 | 682 | 300 | 120 | 140 | 0 | -1665 | -4210 | -8476 | -15271 | -32354 | | | | | |
| 4318013 | API526 | 0 | 15 | 62 | 146 | 662 | 1292 | 2232 | 3562 | 6129 | 600 | 398 | 695 | 832 | 0 | -1990 | -5701 | -11940 | -28187 | | | | | |
| | Scenar | 830 | 789 | 750 | 712 | 605 | 539 | 478 | 422 | 349 | 100 | 0 | -117 | -407 | -2524 | -5231 | -9289 | -15073 | -28084 | 680 | | | | |
| | 19,4 g / 300 gr | 6682 | 6038 | 5465 | 4917 | 3550 | 2818 | 2216 | 1727 | 1181 | 300 | 136 | 155 | 0 | -1710 | -4146 | -7932 | -13444 | -26046 | | | | | |
| 43M8055 | GB528 | 0 | 12 | 47 | 109 | 469 | 880 | 1457 | 2245 | 3852 | 600 | 421 | 725 | 855 | 0 | -1865 | -5082 | -10021 | -21766 | | | | | |
| | Armor Piercing | 830 | 787 | 746 | 705 | 591 | 522 | 459 | 401 | 331 | 100 | 0 | -118 | -413 | -2583 | -5391 | -9647 | -15737 | -29738 | 680 | | | | |
| | 19,4 g / 300 gr | 6682 | 6008 | 5398 | 4821 | 3388 | 2643 | 2044 | 1560 | 1063 | 300 | 138 | 157 | 0 | -1757 | -4289 | -8270 | -14090 | -27678 | | | | | |
| 43M8052 | AP529 | 0 | 13 | 53 | 123 | 536 | 1014 | 1685 | 2490 | 4010 | 600 | 431 | 743 | 878 | 0 | -1946 | -5342 | -10587 | -23297 | | | | | |
| | NEW! | | | | | | | | | | | | | | | | | | | | | | | |
| | Armor Piercing | 830 | | | | | | | | | | | | | | | | | | | | | | |
| 43M8052 | Incendiary | | | | | | | | | | | | | | | | | | | | | | | |
| | 19,4 g / 300 gr | 6682 | | | | | | | | | | | | | | | | | | | | | | |
| | API571 | 0 | | | | | | | | | | | | | | | | | | | | | | |

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CARTRIDGES - CENTERFIRE HANDGUN

| Caliber |
|---------|
|---------|

CARTRIDGES - CENTERFIRE RIFLE

| Caliber | Product no. | Bullet name Weight Code | Velocity [fps] | | | | | | | Trajectory [in] | | | | | | | Test barrel length [in] | |
|------------------------|--------------------------|-------------------------------------|-----------------------------------|--------------------|--------------------|---------------------|--------------------|-------------------|--------------------|--------------------------|--|-------------------|------------------|--------------------|----------------------|----------------------|-------------------------|--|
| | | | Energy [ft.-lbs.] | | | | | | | Rifle sighted in at [yd] | Impact point above or below line of sight (Scope 1.6 in above bore line) | | | | | | | |
| | | | Wind drift [in] (Sidewind 13 fps) | | | | | | | | | | | | | | | |
| | | | 0 yd | 100 yd | 200 yd | 300 yd | 600 yd | 800 yd | 1000 yd | | 100 yd | 200 yd | 300 yd | 600 yd | 800 yd | 1000 yd | | |
| .222 Rem. (5.7x43) | 4315021 • • • NEW! | FMJ 3,6 g / 55 gr S569 | 2887 1028 0 | 2525 786 1 | 2190 592 5 | 1882 437 13 | | | | 100 184 PBR | 0 2 | -4 -1 | -15 -10 | | | | 24 | |
| | 4315030 • | SP 3,6 g / 55 gr E539 | 2887 1028 0 | 2383 701 2 | 1954 471 7 | 1599 315 17 | | | | 100 300 175 PBR | 0 6 1,6 | -5 8 -1 | -18 0 -14 | | | | 24 | |
| | N315025 | Naturalis 3,2 g / 50 gr N566 | 3166 1099 0 | 2676 785 1,3 | 2230 545 5,8 | 1845 373 14,3 | | | | 100 198 PBR | 0 1,5 | -3 0 | -14 -9 | | | | 24 | |
| .223 Rem. | 4315042 • • • | FMJ 3,6 g / 55 gr S569 | 3133 1211 0 | 2751 933 1 | 2399 710 5 | 2074 531 11 | 1289 205 56 | | | 100 300 198 PBR | 0 4 1 | -3 5 0 | -12 0 -8 | -101 -77 -93 | | | 26 | |
| | N315026 NEW! | Naturalis 3,2 g / 50 gr N566 | | | | | | | | 100 PBR | | | | | | | | |
| | 4315011 • • | Scenar 4,5 g / 69 gr GB541 | 2789 1199 0 | 2525 983 1 | 2277 800 4 | 2044 644 8 | 1430 315 39 | | | 100 300 600 | 0 5 18 | -4 6 31 | -14 0 38 | -105 -76 0 | | | 20 | |
| | 4315015 • • | Scenar-L 4,5 g / 69 gr GB544 | 2723 1143 0 | 2463 935 1 | 2219 759 4 | 1990 611 9 | 1385 296 41 | | | 100 300 600 | 0 5 19 | -4 6 33 | -15 0 41 | -112 -81 0 | | | 20 | |
| .243 Win. (6.16x51) | 4316052 • • | FMJ 5,8 g / 90 gr S561 | 2905 1677 0 | 2637 1382 1 | 2384 1130 3 | 2146 915 8 | 1522 460 37 | | | 100 300 192 PBR | 0 4 1,5 | -3 5 0 | -13 0 -8 | -95 -69 -81 | | | 24 | |
| | N316201 • | Naturalis 5,8 g / 90 gr N509 | 2985 1780 0 | 2582 1332 1 | 2213 978 5 | | | | | 100 183 PBR | 0 1,4 | -4 -1 | | | | | 24 | |
| | 4316056 • | SP 6,5 g / 100 gr E562 | 2985 1984 0 | 2724 1653 1 | 2479 1368 3 | 2246 1123 7 | | | | 100 300 194 PBR | 0 4 1,4 | -3 5 0 | -12 0 -8 | | | | 24 | |
| 6 mm BR Norma | 4316044 • | Scenar-L 5,8 g / 90 gr GB543 | 2950 1729 0 | 2733 1485 1 | 2525 1267 2 | 2325 1074 6 | 1772 624 27 | | | 100 300 600 | 0 4 13 | -3 5 24 | -12 0 29 | -81 -58 0 | | | 26 | |
| | 4316046 • | Scenar 6,8 g / 105 gr GB478 | 2790 1813 0 | 2598 1572 1 | 2411 1355 2 | 2232 1161 6 | 1748 712 26 | 1472 505 50 | 1232 354 84 | 100 300 600 | 0 4 15 | -4 5 26 | -13 0 31 | -88 -62 -75 | -193 -158 -215 | -362 -319 -215 | 26 | |
| | 4316047 • | Scenar-L 6,8 g / 105 gr GB542 | 2674 1666 0 | 2485 1439 1 | 2303 1236 3 | 2128 1055 6 | 1661 643 27 | 1396 454 53 | 1169 319 89 | 100 300 600 | 0 5 16 | -4 6 29 | -15 0 34 | -98 -69 0 | -215 -175 -83 | -403 -354 -239 | 26 | |
| 6.5x47 Lapua | 4316017 • | Scenar-L 7,8 g / 120 gr GB547 | 2772 2053 0 | 2582 1781 1 | 2395 1533 2 | 2215 1311 6 | 1720 790 26 | 1433 549 51 | | 100 300 600 | 0 4 15 | -4 5 26 | -13 -64 32 | -90 -163 0 | -198 -163 -78 | | 26 | |
| | 4316011 • | Scenar 8,0 g / 123 gr GB489 | 2790 2134 0 | 2616 1876 1 | 2446 1640 2 | 2281 1426 5 | 1826 914 23 | 1553 661 44 | 1301 464 75 | 100 300 600 | 0 4 14 | -3 5 25 | -13 -85 30 | -85 -59 0 | -183 -149 -70 | -339 -297 -198 | 26 | |
| | 4316016 • | Scenar-L 8,8 g /136 gr GB546 | 2625 2077 0 | 2461 1825 1 | 2300 1595 2 | 2145 1387 5 | 1720 892 24 | 1472 653 46 | 1284 497 76 | 100 300 600 | 0 5 16 | -4 6 28 | -15 0 34 | -97 -68 0 | -209 -169 -79 | -385 -336 -223 | 26 | |
| | 4316012 • | Scenar 9,0 g / 139 gr GB458 | 2690 2231 0 | 2537 1985 0 | 2387 1757 2 | 2242 1550 5 | 1839 1043 21 | 1594 784 40 | 1366 576 67 | 100 300 600 | 0 5 15 | -4 5 26 | -14 0 31 | -88 -61 0 | -188 -151 -70 | -342 -297 -195 | 26 | |
| | N316301 • | Naturalis 9,1 g / 140 gr N563 | 2648 2186 0 | 2219 1535 2 | 1848 1064 7 | 1549 748 18 | | | | 100 165 PBR | 0 1,6 | -5,5 -2,4 | -21,4 -17 | | | | 26 | |
| 6.5 Creedmoor | 4316060 • • | Scenar 8,0 g / 123 gr GB489 | 2790 2134 0 | 2616 1876 1 | 2446 1640 2 | 2281 1426 5 | 1826 914 23 | 1553 661 44 | 1301 464 75 | 100 300 600 | 0 4 14 | -3 5 25 | -13 0 30 | -85 -59 0 | -183 -149 -70 | -339 -297 -198 | 24 | |
| | 4316063 • | Scenar-L 8,8 g / 136 gr GB546 | | | | | | | | 100 300 600 | | | | | | | 24 | |
| | 4316401 • | Naturalis 9,1 g / 140 gr N563 | 2559 2042 0 | 2139 1427 2 | 1783 991 8 | 1497 699 19 | | | | 100 160 PBR | 0 1,6 | -6,1 -2,9 | -23,2 -18 | | | | 24 | |
| | 4316064 • | Mega 10,1 g / 155 gr E471 | | | | | | | | 100 PBR | | | | | | | 24 | |
| .260 Rem. | 4316065 • | Scenar-L 8,8 g / 136 gr GB546 | 2654 2124 0 | 2489 1868 1 | 2328 1633 3 | 2171 1421 7 | 1743 916 32 | 1492 671 62 | 1273 488 106 | 100 300 600 | 0 4,8 16 | -4,0 5,6 28 | -14 0 33 | -95 -66 0 | -204 -165 -77 | -375 -327 -217 | 24 | |
| 6.5x55 SE | 4316033 • • | FMJ 6,5 g / 100 gr S341 | 2725 1649 0 | 2374 1251 1 | 2049 932 5 | 1752 682 13 | | | | 100 300 174 PBR | 0 6 1,6 | -5 7 -2 | -17 0 -13 | | | | 29 | |
| | 4316035 • | Scenar 6,5 g / 100 gr GB504 | 2620 1529 0 | 2411 1294 1 | 2211 1088 3 | 2021 909 7 | 1506 505 33 | | | 100 300 600 | 0 5 18 | -4 6 32 | -16 0 39 | -109 -77 0 | | | 29 | |
| | 4316031 • | Scenar 7,0 g / 108 gr GB464 | 2950 2087 0 | 2748 1811 1 | 2550 1560 2 | 2358 1333 5 | 1832 805 25 | 1521 555 48 | 1238 367 83 | 100 300 600 | 0 4 13 | -3 5 23 | -11 0 28 | -78 -56 0 | -173 -142 -68 | -328 -290 -197 | 29 | |

CARTRIDGES - CENTERFIRE RIFLE

| Caliber | Product no. | Bullet name Weight Code | Velocity [fps] | | | | | | | Trajectory [in] | | | | | | | Test barrel length [in] | |
|------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------|-------------------|--------------------|--------------------|-------------------|-------------------|--------------------------|--|---------------|-----------------|------------------|----------------------|----------------------|-------------------------|----|
| | | | Energy [ft.-lbs.] | | | | | | | Rifle sighted in at [yd] | Impact point above or below line of sight (Scope 1.6 in above bore line) | | | | | | | |
| | | | Wind drift [in] (Sidewind 13 fps) | | | | | | | | | | | | | | | |
| | | | 0 yd | 100 yd | 200 yd | 300 yd | 600 yd | 800 yd | 1000 yd | | 100 yd | 200 yd | 300 yd | 600 yd | 800 yd | 1000 yd | | |
| 6.5x55 SE (cont.) | 4316038 • | Scenar-L 7,8 g / 120 gr GB547 | 2723 1981 0 | 2534 1715 1 | 2348 1474 3 | 2170 1258 6 | 1681 755 27 | 1399 523 53 | | 100 300 600 | 0 5 16 | -4 5 28 | -14 0 33 | -94 -66 0 | -207 -170 -81 | | 29 | |
| | 4316039 • | Scenar-L 7,8 g / 120 gr GB547 | 3018 2434 0 | 2822 2128 1 | 2631 1849 2 | 2443 1595 5 | 1919 984 23 | 1609 692 44 | 1335 476 76 | 100 300 600 | 0 4 12 | -3 4 22 | -11 0 26 | -73 -52 0 | -160 -132 -63 | -302 -267 -180 | 29 | |
| | 4316032 • | Scenar 8,0 g / 123 gr GB489 | 2720 2028 0 | 2548 1779 1 | 2379 1551 2 | 2217 1347 5 | 1769 858 24 | 1501 617 46 | 1253 430 79 | 100 300 600 | 0 5 15 | -4 5 26 | -14 0 31 | -90 -63 0 | -194 -158 -74 | -361 -316 -211 | 29 | |
| | 4316036 • | Scenar 8,0 g / 123 gr GB489 | 3015 2492 0 | 2836 2204 0 | 2661 1941 2 | 2490 1699 4 | 2010 1108 20 | 1722 813 38 | 1457 582 65 | 100 300 600 | 0 3 12 | -3 4 21 | -10 0 25 | -70 -49 0 | -151 -124 -58 | -280 -245 -163 | 29 | |
| | 4316040 • | Scenar-L 8,8 g / 136 gr GB546 | 2674 2156 0 | 2509 1897 1 | 2347 1660 2 | 2190 1445 5 | 1759 933 24 | 1506 684 45 | 1285 498 76 | 100 300 600 | 0 5 16 | -4 6 27 | -14 0 32 | -93 -65 0 | -200 -162 -76 | -369 -321 -213 | 29 | |
| | 4316030 • | Scenar 9,0 g / 139 gr GB458 | 2625 2125 0 | 2473 1886 1 | 2325 1667 2 | 2183 1469 5 | 1786 983 23 | 1545 736 44 | 1332 547 71 | 100 300 600 | 0 5 16 | -4 5 27 | -15 0 33 | -94 -62 0 | -200 -152 -74 | -365 -298 -208 | 24 | |
| | N316102 • | Naturalis 9,1 g / 140 gr N563 | 2625 2148 0 | 2198 1506 2 | 1831 1045 7 | 1535 735 17 | | | | 100 165 PBR | 0 1,6 | -6 -2,0 | | | | | 29 | |
| | 4316021 • | Mega 10,1 g / 155 gr E471 | 2560 2254 0 | 2332 1871 1 | 2116 1540 4 | 1912 1257 8 | | | | 100 171 PBR | 0 1,6 | -5 -2 | -17 -13 | | | | 24 | |
| 7x64 | N317322 • | Naturalis 10,1 g / 156 gr N564 | 2756 2628 0 | 2434 2050 0 | 2135 1577 0 | 1858 1194 11 | | | | 100 173 PBR | 0 1,6 | -4 -1 | -16 -12 | | | | 24 | |
| 7X65R | N317323 • | Naturalis 10,1 g / 156 gr N564 | 2756 2628 0 | 2434 2050 0 | 2135 1577 0 | 1858 1194 11 | | | | 100 173 PBR | 0 1,6 | -4 -1 | -16 -12 | | | | 24 | |
| 7.62x39 | 4317235 ••• | FMJ 8,0 g / 123 gr S405 | 2345 1507 0 | 2031 1131 1 | 1735 825 6 | 1463 586 16 | | | | 100 300 | 0 8 | -7 10 | -25 0 | | | | 16,5 | |
| .308 Win. (7.62x51) | 4317527 •• | FMJ 8,0 g / 123 gr S374 | 2935 2361 0 | 2594 1845 1 | 2268 1410 4 | 1955 1048 10 | | | | 100 300 189 PBR | 0 5 1,5 | -4 6 -1 | -14 0 -9 | | | | 26 | |
| | 4317498 • | Mega 9,7 g / 150 gr E469 | 2790 2592 0 | 2517 2110 1 | 2261 1702 4 | 2019 1357 9 | | | | 100 300 184 PBR | 0 5 1,6 | -4 6 -1 | -15 0 -10 | | | | 26 | |
| | 4317076 •• | Scenar-L 10,0 g / 155 gr GB552 | 2820 2725 0 | 2621 2354 1 | 2428 2020 2 | 2243 1723 6 | 1735 1031 26 | 1439 710 52 | 1182 478 89 | 100 300 600 | 0 4 15 | -3 5 26 | -13 0 31 | -87 -62 0 | -192 -158 -76 | -365 -323 -220 | 26 | |
| | 4317515 •• | Scenar 10,85 g / 167 gr GB422 | 2690 2690 0 | 2491 2307 1 | 2297 1962 3 | 2110 1656 6 | 1595 945 30 | 1295 623 59 | | 100 300 600 | 0 5 17 | -4 6 29 | -15 0 35 | -99 -70 0 | -221 -183 -89 | | 26 | |
| | 4317596 HPS ••• | Lock Base 11,0 g / 170 gr B476 | 2756 2867 0 | 2573 2498 1 | 2391 2157 2 | 2213 1848 6 | 1708 1101 27 | 1393 733 54 | 1103 459 95 | 100 300 600 | 0 4 15 | -4 5 27 | -13 0 32 | -91 -64 0 | -200 -164 -79 | -382 -337 -231 | 16 | |
| | 43M7600 SEMI AUTO ••• | Lock Base 11,0 g / 170 gr B476 | 2441 2245 0 | 2262 1928 1 | 2087 1642 3 | 1918 1386 7 | 1436 777 34 | 1139 489 69 | | 100 300 600 | 0 6 20 | -5 7 36 | -18 0 43 | -123 -86 0 | -274 -225 -110 | | 26 | |
| | N317105 • | Naturalis 11,0 g / 170 gr N558 | 2625 2596 | 2376 2128 | 2138 1723 | 1916 1383 | 1368 706 | 1124 476 | 1007 382 | 100 174 PBR | 0 2 | -5 -1 | -17 -12 | -120 -111 | -277 -265 | -543 -528 | 26 | |
| | 4317520 •• | Scenar-L 11,3 g / 175 gr GB550 | 2602 2621 0 | 2423 2273 1 | 2248 1957 3 | 2078 1672 6 | 1615 1010 28 | 1350 705 54 | 1125 490 93 | 100 300 600 | 0 5 17 | -4 6 30 | -16 0 36 | -104 -73 0 | -226 -185 -88 | -426 -375 -254 | 26 | |
| | 4317523 •• | Scenar 12,0 g / 185 gr GB432 | 2475 2518 0 | 2299 2174 1 | 2128 1861 3 | 1962 1583 7 | 1512 940 32 | 1254 647 62 | | 100 300 600 | 0 6 20 | -5 7 34 | -18 0 41 | -116 -82 0 | -256 -209 -100 | | 26 | |
| | 4317189 • | Mega 12,0 g / 185 gr E415 | 2690 2901 0 | 2441 2388 1 | 2200 1940 4 | 1972 1559 9 | | | | 100 165 PBR | 0 1,6 | -5 -2 | -19 -15 | | | | 26 | |
| | 4317590 ••• | FMJBT 12,0 g / 185 gr D46 | 2490 2549 0 | 2322 2216 1 | 2159 1916 3 | 2000 1645 6 | 1558 998 28 | 1296 690 56 | | 100 300 600 | 0 6 19 | -5 7 33 | -17 0 39 | -112 -78 0 | -244 -199 -95 | | 16 | |
| | 4317340 Subsonic • | FMJBT 13,0 g / 200 gr B416 | 1066 506 0 | 1017 461 1 | 977 425 4 | 941 394 9 | | | | 100 300 600 | 0 33 | -32 35 | -100 0 | | | | 24 | |
| | .30-06 Spring. | 4317577 •• | FMJ 8,0 g / 123 gr S374 | 2935 2361 0 | 2594 1845 1 | 2268 1410 4 | 1955 1048 10 | | | | 100 300 189 PBR | 0 5 1,5 | -4 6 -1 | -14 0 -9 | | | | 24 |
| N317106 • | | Naturalis 11,0 g / 170 gr N558 | 2723 2795 0 | 2470 2300 1 | 2228 1871 4 | 1999 1506 8 | | | | 100 180 PBR | 0 1,5 | -4 -1 | -15 -11 | | | | 24 | |
| 4317563 • | | Mega 12,0 g / 185 gr E415 | 2625 2831 0 | 2353 2275 1 | 2098 1808 4 | 1859 1420 10 | | | | 100 172 PBR | 0 1,6 | -5 -1 | -17 -13 | | | | 24 | |
| 4317567 • | | Mega 13,0 g / 200 gr E401 | 2545 2876 0 | 2297 2342 1 | 2063 1889 4 | 1843 1508 9 | | | | 100 168 PBR | 0 1,6 | -5 -2 | -18 -14 | | | | 24 | |

| CARTRIDGES - CENTERFIRE RIFLE | | | | | | | | | | ●SPORT ●HUNTING ●TACTICAL AMMUNITION | | | | | | | |
|-------------------------------|-----------------|-------------------------------|-----------------------------------|--------|--------|--------|--------|--------|---------|--------------------------------------|--|--------|--------|--------|--------|---------|-------------------------|
| Caliber | Product no. | Bullet name Weight Code | Velocity [fps] | | | | | | | Trajectory [in] | | | | | | | Test barrel length [in] |
| | | | Energy [ft.-lbs.] | | | | | | | Rifle sighted in at [yd] | Impact point above or below line of sight (Scope 1.6 in above bore line) | | | | | | |
| | | | Wind drift [in] (Sidewind 13 fps) | | | | | | | | 100 yd | 200 yd | 300 yd | 600 yd | 800 yd | 1000 yd | |
| | | | 0 yd | 100 yd | 200 yd | 300 yd | 600 yd | 800 yd | 1000 yd | | 100 yd | 200 yd | 300 yd | 600 yd | 800 yd | 1000 yd | |
| .300 Win Mag. | N317204 | Naturalis | 2959 | 2698 | 2447 | 2205 | 1579 | | | 100 | 0 | -3,2 | -12 | -90 | | | 24 |
| | ● | 11,0 g / 170 gr | 3300 | 2744 | 2256 | 1833 | 940 | | | 300 | 4,1 | 5,0 | 0 | -65 | | | |
| | NEW! | N558 | 0 | 1 | 4 | 8 | 40 | | | 195 PBR | 1,5 | -0,2 | -7,8 | -81 | | | |
| | 4317312 | Mega | 2723 | 2441 | 2177 | 1929 | | | | 100 | 0 | -4,3 | -16 | | | | 24 |
| ● | 12,0 g / 185 gr | 3046 | 2744 | 2256 | 1833 | | | | 178 PBR | 1,6 | -1,2 | -11 | | | | | |
| NEW! | E415 | 0 | 1 | 5 | 11 | | | | | | | | | | | | |
| 4317308 | ● ● | Scenar | 3051 | 2860 | 2674 | 2494 | 1979 | 1670 | 1392 | 100 | 0 | -2,7 | -10 | -70 | -153 | -286 | 27 |
| | ● ● | 12,0 g / 185 gr | 3828 | 3364 | 2941 | 2557 | 1611 | 1146 | 797 | 300 | 3,4 | 4,1 | 0 | -50 | -126 | -252 | |
| | NEW! | GB432 | 0 | 1 | 2 | 6 | 26 | 50 | 86 | 600 | 12 | 21 | 25 | 0 | -59 | -169 | |
| | | | | | | | | | | | | | | | | | |
| 8x57 IRS | N318010 | Naturalis | 2625 | 2378 | 2140 | 1916 | | | | 100 | 0 | -3,5 | -14 | | | | 24 |
| ● | 11,7 g / 180 gr | 2762 | 2266 | 1835 | 1471 | | | | | 300 | 4,6 | 5,7 | 0 | | | | |
| | N559 | 0 | 1 | 4 | 17 | | | | | 190 PBR | 1,5 | -0,5 | -9,3 | | | | |
| 8x57 IS | 4318029 | OT | 3002 | 2620 | 2269 | 1946 | | | | 100 | 0 | -5 | -17 | | | | 24 |
| | ● | 7,8 g / 120 gr | 2424 | 1847 | 1385 | 1019 | | | | 178 PBR | 1,5 | -1 | -11 | | | | |
| | NEW! | G573 | 0 | 1 | 5 | 12 | | | | | | | | | | | |
| | N318009 | Naturalis | 2690 | 2440 | 2200 | 1972 | | | | | | | | | | | |
| ● | 11,7 g / 180 gr | 2901 | 2387 | 1939 | 1559 | | | | | 163 GEE | 0 | -141 | -510 | | | | 24 |
| | N559 | 0 | 1 | 4 | 16 | | | | | | 40 | -61 | -390 | | | | |
| .338 Lapua Mag. (8.6x70) | N318020 | Naturalis | 3018 | 2764 | 2515 | 2276 | 1651 | | | 100 | 0 | -3 | -11 | -83 | | | 27 |
| | ● ● | 15,0 g / 231 gr | 4681 | 3925 | 3251 | 2663 | 1401 | | | 300 | 4 | 5 | 0 | -61 | | | |
| | | N508 | 0 | 1 | 3 | 7 | 32 | | | 200 PBR | 1 | 0 | -7 | -75 | | | |
| | 4318017 | Scenar | 2970 | 2823 | 2680 | 2539 | 2141 | 1896 | 1666 | 100 | 0 | -3 | -10 | -68 | -143 | -258 | 27 |
| | ● ● | 16,2 g / 250 gr | 4896 | 4424 | 3985 | 3579 | 2545 | 1994 | 1540 | 300 | 3 | 4 | 0 | -47 | -116 | -223 | |
| | | GB488 | 0 | 0 | 2 | 4 | 16 | 30 | 50 | 600 | 11 | 20 | 24 | 0 | -52 | -143 | |
| | 4318033 | Lock Base | 2953 | 2802 | 2652 | 2504 | 2080 | 1816 | 1568 | 100 | 0 | -3 | -11 | -70 | -148 | -268 | 27 |
| | ● ● | 16,2 g / 250 gr | 4896 | 4356 | 3902 | 3479 | 2401 | 1831 | 1365 | 300 | 4 | 4 | 0 | -49 | -120 | -233 | |
| | | B408 | 0 | 0 | 2 | 4 | 17 | 33 | 55 | 600 | 12 | 20 | 24 | 0 | -55 | -152 | |
| | 4318013 | Scenar | 2690 | 2569 | 2451 | 2337 | 2015 | 1816 | 1629 | 100 | 0 | -4 | -13 | -82 | -170 | -300 | 27 |
| | ● ● | 19,4 g / 300 gr | 4821 | 1395 | 4001 | 3638 | 2704 | 2196 | 1767 | 300 | 4 | 5 | 0 | -56 | -135 | -257 | |
| | | GB528 | 0 | 0 | 2 | 4 | 15 | 28 | 46 | 600 | 14 | 24 | 28 | 0 | -60 | -163 | |
| 43M8011 | Lock Base | 2690 | 2573 | 2457 | 2343 | 2017 | 1812 | 1616 | 100 | 0 | -4 | -13 | -82 | -170 | -300 | 27 | |
| ● ● | 19,4 g / 300 gr | 4811 | 4399 | 4012 | 3650 | 2704 | 2181 | 1736 | 300 | 4 | 5 | 0 | -56 | -135 | -256 | | |
| | B557 | 0 | 0 | 2 | 4 | 16 | 30 | 50 | 600 | 14 | 24 | 28 | 0 | -60 | -163 | | |
| 9.3x62 | 4319012 | OT | 2772 | 2453 | 2155 | 1879 | | | | 100 | 0 | -4,2 | -16 | | | | 24 |
| | ● | 12,0 g / 185 gr | 3160 | 2473 | 1909 | 1452 | | | | 300 | 5,3 | 6,4 | 0 | | | | |
| | NEW! | G574 | 0 | 1 | 5 | 12 | | | | 179 PBR | 1,6 | -1,1 | -11 | | | | |
| N319204 | ● | Naturalis | 2428 | 2230 | 2040 | 1861 | | | | 100 | 0 | -5 | -19 | | | | 24 |
| | | 16,2 g / 250 gr | 3272 | 2761 | 2310 | 1922 | | | | 164 PBR | 1,6 | -2 | -14 | | | | |
| | | N560 | 0 | 1 | 3 | 8 | | | | | | | | | | | |
| 4319010 | ● | Mega | 2265 | 2029 | 1809 | 1606 | | | | 100 | 0 | -7 | -24 | | | | 24 |
| | | 18,5 g / 285 gr | 3246 | 2606 | 2071 | 1632 | | | | 153 PBR | 1,6 | -4 | -20 | | | | |
| | | E433 | 0 | 1 | 5 | 11 | | | | | | | | | | | |

| TACTICAL CARTRIDGES | | | | | | | | | | ¹) NOTE: Required twist is 1 turn in 10" or faster. Maximum barrel length 18". | | | | | | | | |
|-------------------------|----------------------|--|---|-------------------|-------------------|-------------------|--------------------|-------------------|-------------------|--|---|----------------|----------------|------------------|----------------------|----------------------|------|------------------------------------|
| Caliber | Product no. | Bullet name Weight Code | Velocity [fps] Energy [ft.-lbs.] Crosswind drift [in] (Sidewind 13 fps) | | | | | | | Trajectory [Inch] | | | | | | | | Test barrel length [inch] |
| | | | 0 yd | 100 yd | 200 yd | 300 yd | 600 yd | 800 yd | 1000 yd | Rifle sighted in at [yd] | Impact point above or below line of sight (Scope 1.6 in above bore line) | | | | | | | |
| | | | | | | | | | | | 100 yd | 200 yd | 300 yd | 600 yd | 800 yd. | 1000 yd | | |
| 6.5 Creedmoor | 43M6001 NEW! | Armor Piercing 9,4 g / 145 gr AP570 | 2772 2475 0 | | | | | | | | | | | | | | 20 | |
| . 308 Win. (7.62x51) | 4317076 | Scenar-L 10,0 g / 155 gr GB552 | 2820 2725 0 | 2621 2354 1 | 2428 2020 2 | 2243 1723 6 | 1735 1031 26 | 1439 710 52 | 1182 478 89 | 100 300 600 | 0 4 15 | -3 5 26 | -13 0 31 | -87 -62 0 | -192 -158 -76 | -365 -323 -220 | 26 | |
| | 4317598 | Armor Piercing 10,7 g / 165 gr AP492 | 2820 2915 0 | 2610 2497 1 | 2404 2119 3 | 2205 1782 7 | 1660 1010 34 | 1336 654 69 | | 100 300 600 | 0 4 15 | -4 5 27 | -13 0 32 | -91 -65 0 | -203 -168 -82 | -380 -352 -244 | 26 | |
| | 4317515 | Scenar 10,85 g / 167 gr GB422 | 2690 2690 0 | 2491 2307 1 | 2297 1962 3 | 2110 1656 6 | 1595 945 30 | 1295 623 59 | | 100 300 600 | 0 5 17 | -4 6 29 | -15 0 35 | -99 -70 0 | -221 -183 -89 | | 26 | |
| | 4317596 HPS | Lock Base 11,0 g / 170 gr B476 | 2756 2867 0 | 2573 2498 1 | 2391 2157 2 | 2213 1848 6 | 1708 1101 27 | 1393 733 54 | | 100 300 600 | 0 4 15 | -4 5 27 | -13 0 32 | -91 -64 0 | -200 -164 -79 | | 26 | |
| | 43M7600 SEMI-AUTO | Lock Base 11,0 g / 170 gr B476 | 2441 2245 0 | 2262 1928 1 | 2087 1642 3 | 1918 1386 7 | 1436 777 34 | 1139 489 69 | | 100 300 600 | 0 6 20 | -5 7 36 | -18 0 43 | -123 -86 0 | -274 -225 -110 | | 16 | |
| | 4317520 | Scenar-L 11,3 g / 175 gr GB550 | 2602 2621 0 | 2423 2273 1 | 2248 1957 3 | 2078 1672 6 | 1615 1010 28 | 1350 705 54 | | 100 300 600 | 0 5 17 | -4 6 30 | -16 0 36 | -104 -73 0 | -226 -185 -88 | | 26 | |
| | 4317523 | Scenar 12,0 g / 185 gr GB432 | 2475 2518 0 | 2299 2174 1 | 2128 1861 3 | 1962 1583 7 | 1512 940 31 | 1254 647 60 | | 100 300 600 | 0 6 19 | -5 7 34 | -18 0 41 | -116 -81 0 | -255 -208 -100 | | 26 | |
| | N317105 | Naturalis 11,0 g / 170 gr N558 | 2625 2596 0 | 2376 2128 1 | 2138 1723 4 | 1916 1383 9 | | | | 100 300 | 0 -6 | -5 1 | -17 0 | | | | 26 | |
| | 4317590 | D46 12,0 g / 185 gr D46 | 2490 2549 0 | 2322 2216 1 | 2159 1916 3 | 2000 1645 6 | 1558 998 28 | 1296 690 56 | | 100 300 600 | 0 6 19 | -5 7 33 | -17 0 39 | -112 -78 0 | -244 -199 -95 | | 26 | |
| | 4317340 | Subsonic 13,0 g / 200 gr B416 | 1066 506 0 | 1017 461 1 | 977 425 4 | 941 394 9 | | | | 100 300 600 | 0 33 600 | -32 35 0 | -100 | | | | 16¹) | |

AP and API ammunion are available for military and law enforcement use only.

| TACTICAL CARTRIDGES | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-----------------|---|--|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|---------------------|--------------------------|---|---------------|-----------------|--------------------|----------------------|----------------------|----------------------|-----------------------|----|---------------------------|
| Caliber | Product no. | Bullet name Weight Code | Velocity [fps] Energy [ft.-lbs.] Crosswind drift [in] (Sidewind 9 mph) | | | | | | | | | | Trajectory [inch] | | | | | | | | | Test barrel length [inch] |
| | | | | | | | | | | | | | Impact point above or below line of sight (Scope 1.6 in. above bore line) | | | | | | | | | |
| | | | 0 yd | 100 yd | 200 yd | 300 yd | 600 yd | 800 yd | 1000 yd | 1200 yd | 1500 yd | Rifle sighted in at [yd] | 100 yd | 200 yd | 300 yd | 600 yd | 800 yd | 1000 yd | 1200 yd | 1500 yd | | |
| .338 Lapua Mag. (8.6x70) | N318020 | Naturalis 15,0 g / 231 gr N508 | 3018 4681 0 | 2764 3925 1 | 2515 3251 3 | 2276 2663 7 | 1651 1401 32 | | | | | | 100 300 600 | 0 4 1 | -3 5 0 | -11 0 -7 | -83 -61 -75 | | | | 27 | |
| | 4318017 | Scenar 16,2 g / 250 gr GB488 | 2970 4896 0 | 2823 4424 0 | 2680 3985 2 | 2539 3579 4 | 2141 2545 16 | 1896 1994 30 | 1666 1540 50 | 1453 1172 78 | 1171 761 136 | 100 300 600 | 0 3 11 | -3 4 20 | -10 -47 0 | -68 -116 -52 | -143 -223 -143 | -420 -379 -285 | -797 -746 -628 | 27 | | |
| | 4318033 | Lock Base 16,2 g / 250 gr B408 | 2953 4896 0 | 2802 4356 0 | 2652 3902 2 | 2504 3479 4 | 2080 2401 17 | 1816 1831 33 | 1568 1365 55 | 1338 994 87 | 1068 633 156 | 100 300 600 | 0 4 12 | -3 4 20 | -11 0 24 | -70 -49 0 | -148 -120 -55 | -268 -233 -152 | -446 -404 -306 | -868 -815 -693 | 27 | |
| | 4318035 | Armor Piercing 16,1 g / 248 gr AP485 | 2970 4866 0 | 2800 4324 0 | 2635 3829 2 | 2475 3379 4 | 2030 2274 19 | 1764 1716 36 | 1520 1275 61 | 1302 935 95 | 1061 621 166 | 100 300 600 | 0 4 12 | -3 4 21 | -11 0 25 | -73 -50 0 | -153 -124 -57 | -279 -244 -159 | -464 -422 -322 | -907 -854 -729 | 27 | |
| | 4318048 | Armor Piercing Incendiary 16,4 g / 253 gr API526 | 2936 4845 0 | 2765 4295 0 | 2597 3788 2 | 2432 3323 5 | 1964 2168 21 | 1679 1584 41 | 1415 1125 70 | 1304 955 94 | 1064 636 164 | 100 300 600 | 0 4 12 | -3 4 22 | -11 0 26 | -74 -52 0 | -160 -131 -61 | -296 -259 -172 | -502 -457 -353 | -1006 -951 -820 | 27 | |
| | 4318013 | Scenar 19,4 g / 300 gr GB528 | 2723 4934 0 | 2600 4499 0 | 2482 4100 2 | 2367 3728 4 | 2042 2775 15 | 1842 2258 28 | 1653 1818 46 | 1477 1452 71 | 1242 1027 121 | 100 300 600 | 0 4 13 | -4 5 23 | -13 0 27 | -80 -54 0 | -165 -131 -58 | -291 -249 -158 | -468 -417 -309 | -858 -795 -659 | 27 | |
| | 43M8055 | Armor Piercing 19,4 g / 300 gr AP529 | 2723 4934 0 | 2595 4481 0 | 2470 4060 2 | 2347 3666 4 | 2000 2662 17 | 1788 2128 32 | 1591 1685 54 | 1411 1325 78 | 1171 913 133 | 100 300 600 | 0 4 14 | -4 5 24 | -13 0 28 | -81 -56 0 | -169 -135 -61 | -301 -258 -165 | -486 -435 -324 | -903 -839 -700 | 27 | |
| | 43M8052 NEW! | Armor Piercing Incendiary 19,4 g / 300 gr API571 | 2723 4934 0 | | | | | | | | | | | | | | | | | | | |

AP and API ammunion are available for military and law enforcement use only.

| CARTRIDGES - CENTERFIRE HANDGUN | | | | | | | | | | | |
|---------------------------------|-------------|-------------------------------|---|---------|---------|----------|----------------------|--|---------|----------|---------------------------|
| Caliber | Product No. | Bullet type Weight Code | Velocity [fps] Energy [ft.-lbs.] Wind drift [in.] (Sidewind speed 13 fps) | | | | Trajectory [inch] | | | | Test barrel length [inch] |
| | | | | | | | Weapon sighted in at | Impact point above or below line of sight Sights 0.8 inch above bore line | | | |
| | | | 0 yd. | 10 yds. | 50 yds. | 100 yds. | | 25 yds. | 50 yds. | 100 yds. | |
| .32 S&W LWC | 4318023 | LWC 5,35 g / 83 gr C427 | 787 | 748 | 630 | 508 | 25 yds. | 0 | -3.7 | -29.0 | 6 |
| | | | 114 | 103 | 73 | 47 | 50 yds. | 1.9 | 0 | -21.7 | |
| | | | 0 | 0.2 | 3.7 | 15.5 | 75 yds. | 4.3 | 4.9 | -11.8 | |
| | 4318026 | LWC 6,35 g / 98 gr C356 | 787 | 760 | 672 | 577 | 25 yds. | 0 | -3.4 | -25.6 | 6 |
| | | | 135 | 125 | 98 | 72 | 50 yds. | 1.7 | 0 | -18.8 | |
| | | | 0 | 0.1 | 2.6 | 10.6 | 75 yds. | 3.9 | 4.4 | -10.1 | |

COMPONENTS - CENTERFIRE RIFLE

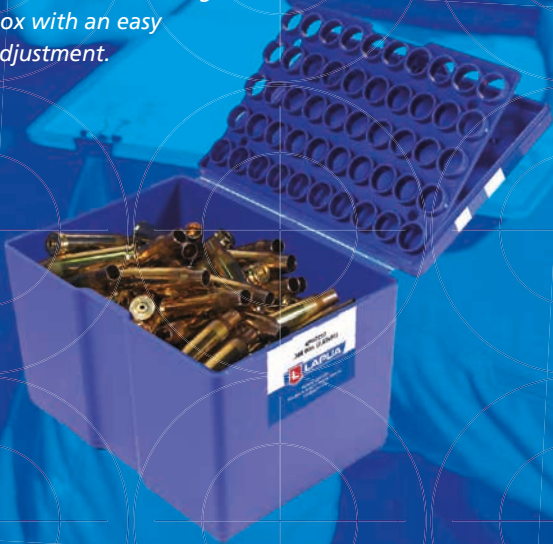
| CALIBER | BRASS CASES | | BULLETS | | | | | | | | | | |
|-----------------------------------|-------------|--------------------|--------------|----------------------------|--------------|-------|-----------------|------|--------|-----|-----------------------|-----------------------|---|
| | Product No. | Designation | Product No. | Bullet name | Product code | Type | Bullet diameter | | Weight | | Ballistic coefficient | Ballistic coefficient | |
| | | | | | | | mm | in | g | grs | | | |
| 5.69 mm (.224) | 4 PH 5002 | .222 Rem. | 4 PL 5006 | Soft Point | E539 | SP | 5.69 | .224 | 3.60 | 55 | 0.185 | | ● |
| | 4 PH 5003 | .223 Rem. | 4 PL/HL 5017 | FMJ NEW! | S569 | FMJ | 5.69 | .224 | 3.60 | 55 | 0.255 | | ● |
| | 4 PH 5013 | .220 Russian | 4 PL/HL 5015 | Scenar-L | GB544 | OTM | 5.69 | .224 | 4.50 | 69 | 0.341 | 0.171 | ● |
| | 4 PH 5001 | .22-250 Rem. | 4 PL/HL 5016 | Scenar-L | GB545 | OTM | 5.69 | .224 | 5.00 | 77 | 0.386 | 0.193 | ● |
| | 4 PH 5004 | .221 Rem. Fireball | N PL 5001 | Naturalis | N566 | CEX | 5.69 | .224 | 3.20 | 50 | * | | |
| 6 mm (.243) | 4 PH 6009 | .243 Win. | N PL 6201 | Naturalis | N509 | CEX | 6.16 | .243 | 5.80 | 90 | 0.230 | | |
| | 4 PH 6022 | 6 mm Creedmoor | 4 PL/HL 6055 | Scenar-L | GB543 | OTM | 6.18 | .243 | 5.80 | 90 | 0.434 | 0.216 | ● |
| | 4 PH 6046 | 6 mm BR Norma | 4 PL/HL 6050 | Scenar-L | GB542 | OTM | 6.18 | .243 | 6.80 | 105 | 0.472 | 0.236 | ● |
| 6.5 mm (.264) | 4 PH 6012 | 6.5 x 55 SE | 4 PL/HL 6014 | FMJ | S341 | FMJ | 6.71 | .264 | 6.50 | 100 | 0.250 | | |
| | 4 PH 6030 | 6.5 - 284 | 4 PL/HL 6015 | FMJ Cutting Edge | S496 | FMJCE | 6.71 | .264 | 6.50 | 100 | 0.250 | | |
| | 4 PH 6010 | 6.5 x 47 Lapua | 4 PL/HL 6033 | Scenar | GB504 | OTM | 6.71 | .264 | 6.50 | 100 | 0.424 | 0.212 | ● |
| | 4 PH 6020 | 6.5 Grendel | 4 PL/HL 6020 | Scenar | GB464 | OTM | 6.71 | .264 | 7.00 | 108 | 0.465 | 0.231 | ● |
| | 4 PH 6050 | .260 Rem. | 4 PL/HL 6032 | Scenar | GB489 | OTM | 6.71 | .264 | 8.00 | 123 | 0.527 | 0.263 | ● |
| | 4 PH 6011 | 6.5 Creedmoor | 4 PL/HL 6021 | Scenar-L | GB547 | OTM | 6.71 | .264 | 7.80 | 120 | 0.497 | 0.246 | ● |
| | 4 PH 6023 | 6.5 PRC | 4 PL/HL 6019 | Scenar-L | GB546 | OTM | 6.71 | .264 | 8.80 | 136 | 0.545 | 0.274 | ● |
| | | | 4 PL/HL 6018 | Scenar | GB458 | OTM | 6.71 | .264 | 9.00 | 139 | 0.578 | 0.290 | ● |
| | | | 4 PL/HL 6000 | FMJ | B343 | FMJBT | 6.71 | .264 | 9.30 | 144 | 0.636 | | |
| | | | N PL 6203 | Naturalis | N563 | CEX | 6.71 | .264 | 9.10 | 140 | 0.201 | | ● |
| | | | 4 PL 6010 | Mega | E471 | SP | 6.71 | .264 | 10.10 | 155 | 0.377 | | |
| | | | 4 PL/HL 7400 | Scenar-L | GB553 | OTM | 7.21 | .284 | 9.70 | 150 | 0.526 | 0.260 | ● |
| | | | 4 PL/HL 7401 | Scenar-L | GB554 | OTM | 7.21 | .284 | 11.70 | 180 | 0.661 | 0.332 | ● |
| 7 mm (.284) 7.62 mm (.308) | 4 PH 7095 | 7 mm-08 Rem. | N PL 7027 | Naturalis | N564 | CEX | 7.21 | .284 | 10.10 | 156 | 0.280 | | |
| | 4 PH 7105 | 7 x 64 | 4 PL/HL 7224 | OT Cutting Edge | G477 | OTCE | 7.83 | .308 | 6.50 | 100 | 0.170 | | ● |
| | 4 PH 7107 | 7 x 65R | 4 PL/HL 7003 | FMJ | S374 | FMJ | 7.83 | .308 | 8.00 | 123 | 0.270 | | ● |
| | 4 PH 7217 | .308 Win. | 4 PL/HL 7063 | Scenar-L | GB552 | OTM | 7.83 | .308 | 10.00 | 155 | 0.460 | 0.230 | ● |
| | 4 PH 7215 | 7.62 x 53R | 4 PL/HL 7069 | Scenar | GB422 | OTM | 7.83 | .308 | 10.85 | 167 | 0.446 | 0.223 | ● |
| | 4 PH 7226 | .308 Win. Palma | 4 PL/HL 7061 | Scenar-L | GB550 | OTM | 7.83 | .308 | 11.30 | 175 | 0.490 | 0.247 | ● |
| | 4 PH 7090 | .300 Norma Mag. | 4 PL/HL 7071 | Scenar | GB432 | OTM | 7.83 | .308 | 12.00 | 185 | 0.482 | 0.242 | ● |
| | 4 PH 7284 | .284 Win. | 4 PL/HL 7062 | Scenar-L | GB551 | OTM | 7.83 | .308 | 14.30 | 220 | 0.647 | 0.324 | ● |
| | 4 PH 7096 | .300 Win Mag. | 4 PL/HL 7086 | Lock Base | B476 | FMJBT | 7.83 | .308 | 11.00 | 170 | 0.498 | 0.249 | ● |
| | 4 PH 7098 | .300 PRC | 4 PL/HL 7019 | D46 | D46 | FMJBT | 7.83 | .308 | 12.00 | 185 | 0.506 | 0.254 | ● |
| | | | 4 PL 7060 | Subsonic | B416 | FMJBT | 7.83 | .308 | 13.00 | 200 | 0.518 | 0.235 | ● |
| | | | 4 PL 7057 | Mega | E469 | SP | 7.83 | .308 | 9.72 | 150 | 0.330 | | |
| | | | 4 PL 7213 | Mega | E415 | SP | 7.83 | .308 | 12.00 | 185 | 0.319 | | |
| | | | 4 PL 7047 | Mega | E401 | SP | 7.83 | .308 | 13.00 | 200 | 0.344 | | |
| | | | N PL 7105 | Naturalis | N558 | CEX | 7.83 | .308 | 11.00 | 170 | 0.354 | 0.177 | ● |
| | | | 4 PL/HL 7005 | D166 | D166 | FMJBT | 7.87 | .310 | 13.00 | 200 | 0.448 | 0.224 | ● |
| 7.62 mm (.310) | | | 4 PL/HL 7045 | FMJ | S405 | FMJ | 7.91 | .311 | 8.00 | 123 | 0.257 | | ● |
| 7.62 mm (.311) | 4 PH 7074 | 7.62 x 39 | 4 PL/HL8001 | Open Tip NEW! | G573 | OT | 8.20 | .323 | 7.85 | 120 | 0.248 | 0.179 | |
| 8 mm (.323) | 4 PH 8030 | 8 x 57 IS | N PL 8009 | Naturalis | N559 | CEX | 8.20 | .323 | 11.70 | 180 | 0.357 | 0.179 | ● |
| 8.61 mm (.338) | 4 PH 8068 | .338 Lapua Mag. | 4 PL/HL 8012 | Lock Base | B408 | FMJBT | 8.60 | .338 | 16.20 | 250 | 0.625 | 0.310 | ● |
| | 4 PH 8090 | .338 Norma Mag. | 4 PL 8017 | Scenar | GB488 | OTM | 8.60 | .338 | 16.20 | 250 | 0.648 | 0.322 | ● |
| 9.3 mm (.366) | | | 4 PL 8013 | Scenar | GB528 | OTM | 8.60 | .338 | 19.44 | 300 | 0.736 | 0.368 | ● |
| | | | 4 PL/HL 8011 | Lock Base | B557 | FMJBT | 8.60 | .338 | 19.44 | 300 | 0.765 | 0.383 | ● |
| | | | N PL 8020 | Naturalis | N508 | CEX | 8.60 | .338 | 15.00 | 231 | 0.373 | | ● |
| | | | 4 PL/HL9018 | Open Tip NEW! | G574 | OT | 9.30 | .366 | 12.00 | 185 | 0.283 | | |
| | | | 4 PL 9017 | Mega | E433 | SP | 9.30 | .366 | 18.50 | 285 | 0.339 | | |
| | | | N PL 9204 | Naturalis | N560 | CEX | 9.30 | .366 | 16.20 | 250 | 0.419 | 0.215 | ● |

COMPONENTS - CENTERFIRE HANDGUN

| CALIBER | BRASS CASES | | BULLETS | | | | | | | | | | |
|---------------|-------------|--------------|-------------|----------------|--------------|------|-----------------|------|--------|-----|-----------------------|--|--|
| | Product No. | Designation | Product No. | Bullet name | Product code | Type | Bullet diameter | | Weight | | Ballistic coefficient | | |
| | | | | | | | mm | in | g | grs | | | |
| .32 (7.65 mm) | 4 HH 8021 | .32 S&W Long | 4 PL 8023 | Lead Wadcutter | C427 | LWC | 7.99 | .314 | 5.35 | 83 | 0.029 | | |
| | | | 4 PL 8021 | Lead Wadcutter | C356 | LWC | 7.99 | .314 | 6.35 | 98 | 0.041 | | |

Bullet abbreviations
CEX – Controlled Expansion, FMJ – Full Metal Jacket, FMJBT – Full Metal Jacket Boat Tail, OT – Open Tip, OTCE – Open Tip Cutting Edge, LWC – Long Wadcutter, OTM - Open Tip Match, SP – Soft Point.

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