



THE AMMUNITION COUNTS

CENTREFIRE RIFLE CARTRIDGES



SINCE 1886

Outlook

It is the passion for our profession, hunting and sport shooting that drives us at RWS. The steady determination to never be satisfied with what we have already achieved. Our goal: To become better in everything we do. Class leader. To consistently offer impeccable quality and reliability, while developing a sense for emerging trends and defining fresh targets. Modern and unfailingly innovative. For you. For us. For hunters and sport shooters. So that we can all continue to find fulfilment in our hobby, in our calling, in our sport. Today, tomorrow and beyond.

Get an overview of our variety of products and let yourself be inspired - our brochure provides you with comprehensive information on all rifle cartridges, loads and bullets from our company, clarifies what they have to offer and which product line is the perfect choice for you and your specific requirements. Your passion is our incentive. We are only happy, when you are happy.

The ammunition counts – choose RWS.

Waidmannsheil, your RWS Team

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THE AMMUNITION COUNTS

Why hunters and marksmen worldwide trust the RWS brand

The RWS brand has been connecting hunters and marksmen for generations. But where do their roots lie and what is the secret of their success?

The origin dates back to the year 1856. It was then that Heinrich Uttendoerffer began to produce ignition charges in his laboratory in Nuremberg. Three decades later, his laboratory was taken over by the „Rheinisch Westfälische Sprengstoff-Actien-Gesellschaft“ founded in Cologne in 1886, which explains the origin of the short form RWS. Even after the merger with the Fürth-based Dynamit Actien-Gesellschaft (DAG), formerly Alfred Nobel & Co, RWS continued to exist as an independent brand, which to this day has prevailed

and established itself worldwide with a wide range of consistently reliable precision products of the highest quality. Those who rely on ammunition from RWS benefit from our many years of experience and the know-how of our employees: all of them specialists and often enthusiastic hunters or successful sport shooters themselves, with an instinct for first-class materials, fresh trends, and hence also for continuous innovation.

That is why multiple generations trust in quality from RWS. Because they know one thing: RWS ammunition satisfies the highest demands and is the guarantee for the perfect shot in every situation.

**RWS
THEN &
NOW**





” We don't want to travel through time with you and just revel in the past. What we would like is to transform the best of the Old into an even better New and to pass the remarkable values of RWS on to a new hunting generation. “



DID YOU KNOW THAT ...

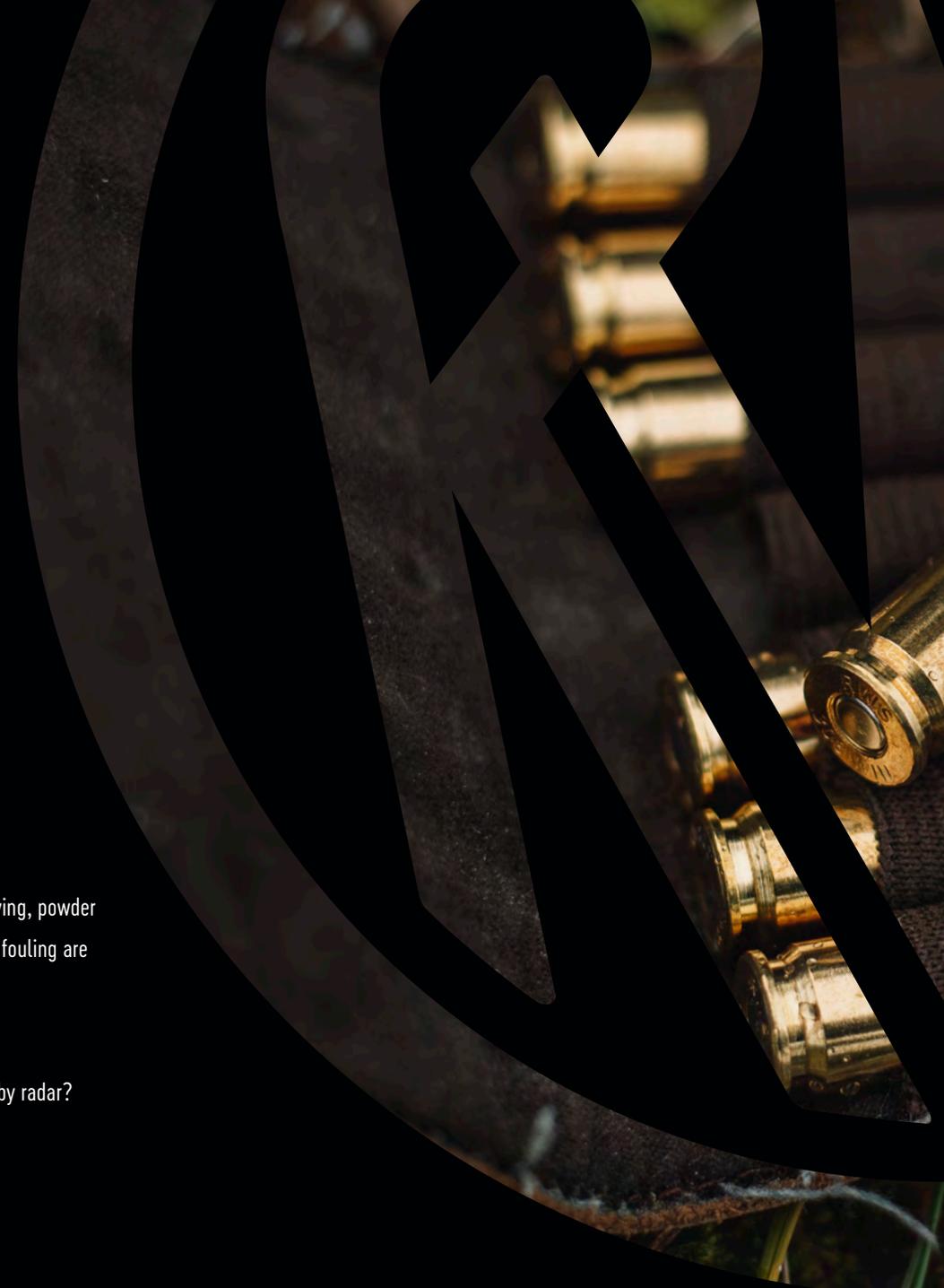
... all RWS bullets are sealed with up to five different specialized coatings?

... seven final proof firings are required before an ammunition lot can be approved for release?

... although it should go without saying, powder additives designed to reduce barrel fouling are standard in all loadings?

... bullet trajectories are measured by radar?

... RWS tests ammunition by using their collection of over 2400 representative firearms?





... the corrosion-free and decay-resistant RWS SINOXID® priming compound was developed over 90 years ago and has been proving itself ever since?

... thanks to RWS ammunition, countless sport shooters have risen to the top and gone on to become Olympic, European and World Champions?

... at RWS, over 100 manufacturing operations are required to complete each rifle cartridge – with up to 26 technical and manual inspections in between?

... due to their high quality, fired RWS cases are highly esteemed by handloaders?

... the 50-hectare factory grounds are home to a 500-meter indoor range with 35 firing lanes?



More than 100 bullets and 40 calibres are loaded by RWS. In order to manufacture this wide variety of bullets while maintaining outstanding quality, RWS has a highly complex manufacturing facility.



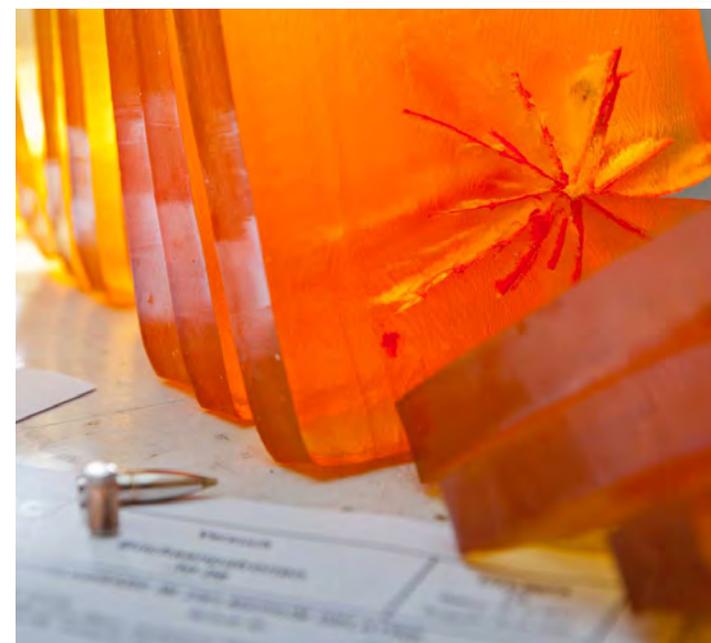
INNOVATION-FRIENDLY

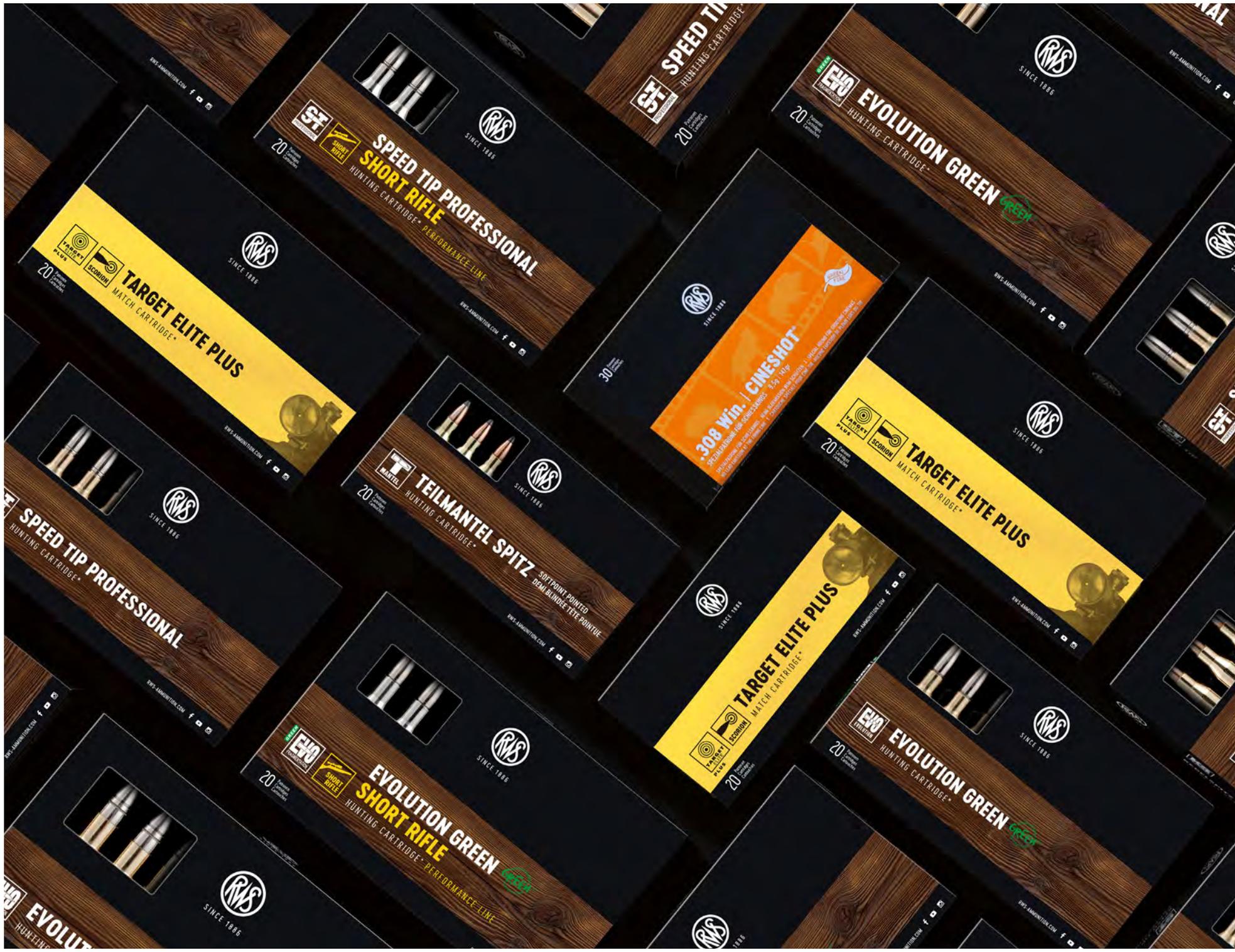
Setting sights on the future

Progress is unstoppable – and hunting is also subject to constant change. This requires a keen eye and an openness to new things. RWS faces the future with passion, courage and innovation. Each individual cartridge goes through a long development process, quality controls, and manufacturing steps until it is fully ready for the market. Precision does not suffer compromises.

A passionate and always curious team of hunters and sport shooters, product developers and engineers works day by day on the ideal ballistics for the perfect shot. The goal is to offer innovative and sustainable product solutions that tap into the full potential of RWS. A prime example of this is the SHORT RIFLE Line. The cartridges are specially optimised for use with short barrels thanks to the use of a specially coordinated load with aggressively burning powder, adapted bullet weight and powerful primer caps. With SHORT RIFLE EVOLUTION GREEN and HIT, RWS even goes one step further, offering lead-free solutions that more than meets the requirements of modern and sustainable hunting. You can read more about the short rifle ammunition on pages 14-17.

The RWS range includes more than 115 bullets and 40 calibres. Highly complex production facilities enable RWS to manufacture this range of projectiles in outstanding quality.







LEARN MORE

New Cartridge Packaging

Thanks to the new design of the RWS cartridge packaging, you can keep track of things even better. The most important information such as calibre and bullet symbol are now also noted on the side – so even if the box is lying on its side in the safe, both are immediately visible. Furthermore the colour coding on the label also provides good orientation for defined calibre groups. The elegantly designed hunting line with the wooden pattern – as a continuous beam – signals: for hunters. The viewing window in the RWS hunting

ammunition packs also offers an exclusive preview of the brand's numerous bullets.

The cartridges themselves are in inlays that can be separated into practical packs of 5.

Colour markings on product pack: The packaging with the continuous yellow bar contains ammunition for sport shooters, while the one marked with an orange bar contains training ammunition.



Key facts at a glance: Calibre, ballistic data and bullet weight are integrated into the label on the back.



Additional colour marking of packaging label: These colours offer a quick point of orientation in retail and signal the product is part of clearly defined groups of calibres.

UNFAILINGLY INNOVATIVE

On the trail of hunting trends

Silencers, thermal imaging and night vision technology have become an indispensable part of modern hunting. The latter in particular prove to be extremely valuable and sensible not only in light of hunting safety and animal welfare, but also enable the hunter to enter a new dimension of hunting.

Along with the increased demand for silencers, hunting rifles with short barrels are increasingly being used. What many do not know: Standard ammunition is designed for standard barrels – if this is now fired from short-barrelled rifles, there is a loss of performance. This problem is solved with RWS SHORT RIFLE. Thanks to its special formulation, the RWS

cartridge delivers full velocity and energy – even from short barrels. The increasing popularity of driven hunts also offers a wealth of opportunities and possibilities for innovations of all kinds – from ammunition to electronics. With the brand new DRIVEN HUNT bullet, RWS offers a tailored solution including a success guarantee even for that.

Another trend topic is game from local territories, which means that the use of lead-free and venison-friendly rifle bullets is increasingly becoming the focus. RWS also satisfies this need with numerous innovative product lines such as HIT.



OUTLOOK





"For several years now, Denmark, parts of Germany, Japan, and elsewhere have forbidden the use of lead-core rifle bullets. These legal restrictions have been hotly debated and remain a source of agitation and uncertainty amongst hunters today. As market leader, we at RWS must set the bar higher in order to meet the higher expectations of our customers. The result has been worth it: With the DRIVEN HUNT, HIT and EVOLUTION GREEN, we offer three first-class lead-free bullets"

#lovemyleadfree



LEAD-FREE SOLUTION FOR ALL APPLICATIONS

Smart alternatives without limitations and 100% lead-free: EVOLUTION GREEN, HIT and DRIVEN HUNT rounds.

More information about the lead-free bullets on pages 18 / 19, 24 / 25 and from p. 34





FULL PERFORMANCE FROM SHORT BARRELS

Performance Plus

Short, handy barrels are well-loved amongst hunters. This trend is increasing now that hunting with silencers is now allowed in many jurisdictions. So that a rifle with a moderator doesn't become too cumbersome, shorter barrels measuring between 420 and 550 mm are ordered more often. But beware! Standard ammunition is set up for the typical barrel length of 600 mm. If this ammunition is fired from shorter barrels, it has the following disadvantages: Loss of velocity and energy, reduced effectiveness, intense muzzle flash, loud muzzle blast and accelerated wear on moderators. RWS has developed a loading that has been specially optimized for firing from short barrels without having to accept any reduction in performance – the SHORT RIFLE cartridge.

**IDEALLY SUITED
FOR HUNTING WITH
MODERATORS**

NEW: DRIVEN HUNT

.308 Win. (9,7 g | 150 gr), .30-06 (9,7 g | 150 gr)
9,3 x 62 (16,2 g | 250 gr)



With Free Quilts™
GREEN™
Lead-free bullet

SPEED TIP PROFESSIONAL

.308 Win. (10,7 g | 165 gr), .30-06 (10,7 g | 165 gr),
8 x 57 JS (11,7 g | 180 gr)



HIT

.308 Win. (9,7 g | 150 gr), .30-06 (10,7 g | 165 gr),
.300 Win. Mag. (10,7 g | 165 gr), 8 x 57 JS (10,4 g | 160 gr),
9,3 x 62 (16,2 g | 250 gr)



With Free Quilts™
GREEN™
Lead-free bullet

EVOLUTION GREEN

.308 Win. (9,0 g | 139 gr), .30-06 (9,0g | 139 gr)



With Free Quilts™
GREEN™
Lead-free bullet

OPTIMIZED, CONVINCING, SMART





REDUCED MUZZLE FLASH

The fast-burning, offensive powder significantly reduces muzzle flash and blast in short barrels. You retain your vision after the shot when hunting at night and in twilight.

FULL VELOCITY AND ENERGY

Thanks to its specially balanced loading, the SHORT RIFLE cartridge achieves full velocity and energy in short barrels. For practical purposes, this means no restrictions in use and the same full effectiveness as longer barrels, even at long ranges.

INCREASED EFFECTIVE RANGE

Speaking of that boost in performance: The V_0 of the RWS SHORT RIFLE HIT is about 9% above average in barrels 400 to 600 mm long. The SHORT RIFLE HIT produces an E_0 that is about 12% above average in barrels 400 to 600 mm long.

RWS has revolutionized the market with the SHORT RIFLE cartridge! The fast-burning powder, optimal bullet weight and powerful primer of this specially balanced loading are responsible for the success of the SHORT RIFLE cartridge in the hunting market. This cartridge, optimized for shorter barrels, unites the following features:

BEST FOR USE WITH MODERATORS

Short barrels and silencers make a perfect pairing. The complete combustion of the fast-burning powder in the barrel assures greatly increased life expectancy of the moderator and promotes accuracy. We have had particularly good experiences with HAUSKEN moderators.

NICKELED CASES

Not only do they look chic but they have a practical use. Nickel-plated cases are exceptionally corrosion-resistant and chamber more smoothly. Stuck cases, especially in semi-automatic rifles, are now a thing of the past.

SHORT RIFLE cartridges are, in fact, particularly suitable for use in semi-automatic rifles and – of course – are available in lead-free.

Ballistic data for Short Rifle cartridges are found on pp. 60 - 64

LEAD-FREE WITH PENETRATION POWER

Specialists for every hunting scenario – EVOLUTION GREEN, HIT and DRIVEN HUNT

Effective hunting,
lead-free shooting:
RWS lead-free premium
rounds can be identified
by the Green Label.



Hunting effectively and shooting lead-free are not mutually exclusive. RWS has been successful in developing two first-class lead-free bullets which deliver maximum performance in all hunting situations.



FULL ENERGY & AMAZING SHOCK EFFECT

The RWS DRIVEN HUNT is a bullet made especially for driven hunt passionates. The lead-free copper deformation bullet is nickel-plated and features a flat orange nose tip. The flat nose tip facilitates the bullet in the fast deformation process and guarantees an extreme knock-down power with high weight retention. The bullet is suitable for all domestic game species and impresses in the medium to heavy game range as well as at short to very short distances.



FULL ENERGY & AMAZING SHOCK EFFECT – LEAD-FREE

- Outstanding shock effect
- Maximum weight retention
- Unmatched energy transfer
- Exit wound guaranteed
- 100% lead- and splitter-free bullet



HIT – HIGH IMPACT TECHNOLOGY

The RWS HIT bullet is a monolithic lead-free expanding bullet with superior weight retention. The unique HIT matrix with the RWS TC tip guarantees certain and rapid expansion of the bullet with great shocking power, from standard- to longer ranges. The compact recovered slug has 99% weight retention and provides deep penetration with a certain exit wound – even on bone hits! That is why the RWS HIT is the right lead-free alternative for those who prefer a non-fragmenting bullet. Perfect for all European game species and, above all, for medium to large game.



CONVINCING PENETRATION

- 100% lead- and splitter-free bullet
- Flatter trajectory
- High instantaneous effectiveness and minimal damage to the meat

EVOLUTION GREEN



The RWS EVOLUTION GREEN is a lead-free partially-fragmenting bullet with a series of code-dependent design features. The bullet cores are made of food-safe tin. Due to a special pre-fragmentation of the front bullet core as well as the speed tip bullet point, the RWS EVOLUTION GREEN offers convincing performance, namely outstanding shocking power, especially at long distances.

For all European game species, especially light to medium game.



OUTSTANDING KNOCK-DOWN POWER

- 100% lead-free bullet
- Flat trajectory – high MRD
- Long range efficiency



TRAVELING WITH THE LONG RANGE SPECIALISTS

When penetration and stopping power are decisive

Rapid technical advances in hunting guns and optics have made hitting reliably past 100 to 150 meters possible. Whether at home stalking red stag, mountain hunting for chamois or in Africa in pursuit of oryx, kudu and the like, all of these game species require deep penetration and great stopping power. The bullet should also be able to unleash its full performance on a range of game weights at various distances.

With the new SPEED TIP PROFESSIONAL, RWS has developed a modern hunting bullet that meets those demands. Based on proven H-Mantel technology, it covers shooting ranges up to 300 meters and beyond for game of all weight classes. The RWS SPEED TIP PROFESSIONAL has impressive shocking and stopping power and is predestined for shooting at long ranges.

SPEED TIP PROFESSIONAL: THE MODERN UPGRADE OF THE TRUSTED H-MANTEL BULLET



SPEED TIP PROFESSIONAL

More details about the bullet can be found on pages 34 / 35



Thoroughly tested: The SPEED TIP PROFESSIONAL in .308 Win. has a flatter trajectory, especially in the SHORT RIFLE version.

LONG RANGE EXPERTISE

The path to long range success

PRACTICE

The first and most important step toward shooting game at long range is practice. Only he who is intimately familiar with his rifle, his optics and his ammunition can hit reliably and hunt successfully. When at the range, various shooting positions and presentations must be mastered at ranges of between 100 and 300 meters. For example, one goal of your training before going after mountain chamois could be to try and shoot close to the same group size with the rifle rested on your backpack as you shoot off of sandbags from the bench at 300 meters.

EQUIPMENT

In order to master the challenge of the long-range shot at game, you need – besides training – the appropriate outfit, an accurate rifle with suitable optics – ideally a scope fitted with bullet drop compensation (BDC) – and, above all, very accurate ammunition. A laser rangefinder should also be in your kit since one can easily get the range wrong otherwise, which can lead to a miss or a strenuous search and recovery.

EXPERTISE

Even the most accurate rifle with the best ammunition has an innate amount of shot dispersion. A group size of 2 cm at 100 m is considered very good accuracy from an accurate rifle with high-quality ammunition. As the range increases, the group size will get larger. At 200 m it is 4 cm; at 300 m it is 6 cm. When hunting, other factors play a role. Pulse rates increase from physical exertion, excitement is high just before the shot, and the game doesn't usually stay still for minutes at a time. We must also add the shooter's dispersion to the rifle's dispersion. 4 cm at 100 m is a realistic number. Adding both values together results in the total dispersion. In our example, this is a hefty 18 cm at 300 m.

When we transpose these figures onto the various game species, it quickly becomes obvious that it is not possible to shoot smaller game at the sort of ranges that are possible for larger game species.

WIND

What we have discussed so far can be calculated. But there are also factors that can hardly be calculated at all. One of these factors is the wind. With extensive practice, one can learn to estimate the wind drift of his bullet. The rule of thumb is that the heavier, more aerodynamic and faster a bullet is, the less it will be influenced by the wind. Even a light breeze of wind force 3, i.e. 5 m/sec, will affect the point of impact: In a .300 Win. Mag. with the SPEED TIP PROFESSIONAL bullet, wind drift would be 21 cm at 300 m. A simple jacketed soft point from a 6.5x57R would drift 38 cm. Add to this the fact that the wind is influenced by the landscape: No wind in protected areas, headwind on the edge of a forest. To put a point on it, if you can feel the wind, it takes a lot of practice to learn how to read it and, if you can't, a lot more composure to not take the shot.

SUMMARY

Making the shot at long range isn't magic – it just takes practice and the right equipment. But you need to work on this ahead of time to first learn where your personal limits lie and then to accept them.



SHOOTER DISPERSION

DISTANCE

100 m

200 m

300 m

400 m

Realistic Hunting Accuracy

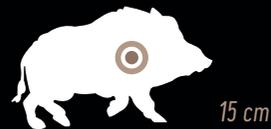


● Innate Accuracy of the Cartridge/Rifle ● Shooter Dispersion when Hunting



EFFECTIVE TARGET ZONES OF GAME

One should keep the size of the effective target zone in mind before taking the shot, regardless how far away the animal is.



WHEN MOMENTS MAKE A DIFFERENCE

Precise, effective, uncompromising- the RWS DRIVEN HUNT cartridge

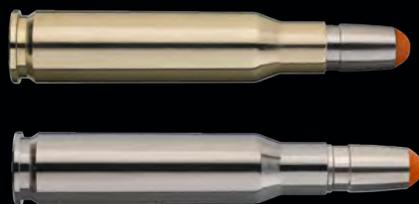


TOP INNOVATION

THE SAFE SHOT



The driven hunt season is the high point of the year for many. It is, on the one hand, a wonderful opportunity to celebrate hunting traditions in the company of like-minded enthusiasts and on the other the perfect way to bag game efficiently. But while there is no shortage of bullets that are specifically designed for every conceivable scenario, there have been none so far for driven hunts.



RWS Driven Hunt is available in:
.308 Win., .30-06, 8x57 JS, 8x57 JRS,
.300 Win. Mag. and 9,3x62



Now also as **SHORT RIFLE:**
.308 Win. and .30-06 and 9,3x62

Until now! RWS is heralding a new era with the innovative DRIVEN HUNT cartridge. Fashioned from copper, this lead-free deformation bullet was engineered specifically for the requirements of driven hunts. Its particular projectile design with the eye-catching flat tip, boattail, performance grooves and unique manufacturing process guarantee outstanding shock effect with maximised residual weight – even at short distances. What's more, the bullet is nickel-plated, which is especially gentle on the barrel. DRIVEN HUNT is suitable for all domestic game species, but performs outstandingly on medium to heavy game.

FULL ENERGY & AMAZING SHOCK EFFECT – LEAD-FREE

- Outstanding shock effect
- Maximum weight retention
- Unmatched energy transfer
- Exit wound guaranteed
- 100% lead- and splitter-free bullet



PASSION CONNECTS

Living tradition and sharing the joy of hunting – the driven hunt season marks one of the hunting highlights of the year.

Driven hunts are not only an efficient way of obtaining sustainable game meat – they also exhibit a charm of their own. Hunting in the forest in autumn is a special nature experience in itself. If the sound of dogs barking and horns echoing are added, goosebumps are inevitable.

Anyone who has ever taken part in a well-organised driven hunt knows the appeal of this type of hunt. It underscores the sustainability of hunting and consolidates the value of hunting as a cultural asset. It also brings people together who share the same passion and forges relationships.

WHICH BULLETS FOR THE DRIVEN HUNT?

When hunting in general, animal welfare is the top priority. This goes hand in hand with not only respectful treatment of game as living creatures, but also animal welfare – i.e. killing / taking from nature in a manner that is as free from suffering as possible. Effective projectiles are required to quickly knock down the target and prevent searches.

With the lead-free partially fragmenting EVOLUTION GREEN and the brand new lead-free deformation bullet DRIVEN HUNT, RWS offers suitable solutions for driven hunts. The first one is also available in the SHORT RIFLE variant for users with reduced barrel length – and offers a significant increase in performance compared to standard loads. The latter shows even on shorter distances around 35 meters its maximum of effectiveness.







The choice of bullet is an essential factor for a goal-oriented hunt.

SUCCESSFUL DRIVEN HUNTS

Individual success on a driven hunt depends on many factors. Three factors that anyone can influence are proper preparation, the right equipment and correct behaviour at the hunting site.

Individual success on a driven hunt depends on many factors. Three factors that anyone can influence are proper preparation, the right equipment and correct behaviour at the hunting site. Shooting moving game requires constant practice and great skill – experienced driven hunters know that. A wide range of practice options is available for shooters – from classic stand targets to running boars to shooting and laser shooting theatres. Tip: It is best to practice in the hunting clothing that will be used later on the hunt.

All equipment should be chosen in such a way that it fulfils the purpose – mobility and functionality are in the foreground here. It is crucial that alternating game can be captured quickly and cleanly bagged. A handy weapon with slim optics or open sights is certainly more advantageous than a typical high-seat version with a large lens diameter.

SAFETY BEFORE HUNTING SUCCESS

Another point that should not be ignored is the choice of the bullet. Game on the hoof turn out to be much harder to shoot than those grazing. Accordingly, an excellent response behaviour with a high instantaneous effect is crucial.

When at the hunting site, remember this: There is strength in remaining calm. After setting up, it makes sense to take your time to look around in order to memorise promising locations such as deer crossings, paths or clearings in the area with a good field of fire as well as potential danger points. Whether you prefer to shoot sitting or standing depends on your personal skills and preferences. The key is: Safety is the top priority.



NEW: Also
as alternative
for shooting cinemas
**WITH LEAD-FREE
BULLET**



CINESHOT®

Training for ethical hunting



Die CINESHOT® is the first cartridge designed especially for shooting cinemas. Both the GREENFIRE technology and the outstanding performance of this cartridge are specifically tailored to this type of shooting. RWS developed CINESHOT® as a low-cost round that makes regular training affordable, reduces lead emissions and is easy on the rifle. For a healthy environment and an ethical hunt.

Thanks to consistent loading and finely-tuned bullet geometry, CINESHOT® has very good accuracy and enough pressure to function reliably in all normal semi-automatic rifles. A special bullet coating minimizes bullet friction in the barrel and allows for intensive training.

Now RWS has designed the CINESHOT® LEAD-FREE as affordable ammunition that not only enables regular training, but also further reduces lead emissions and is also gentle on the barrel: this cartridge is now loaded with a 100% lead-free zinc bullet.

NEU: CINESHOT® LEAD-FREE available in
7 x 64 LF, .308 Win. LF, .30-06 Spring LF,
.300 Win. Mag. LF, 8 x 57 JS LF and 9,3 x 62 LF

CINESHOT® with Greenfire Technology
is available in

7 x 64, .308 Win., .30-06 Spring, .300 Win. Mag.,
8 x 57 JS and 9,3 x 62

OUR BULLETS

For every purpose

You are looking for a lead-free bullet that guarantees the best possible recovery of your venison harvest and has an excellent effect on heavy game? And that bullet should be effective at standard and longer ranges as well? Then the HIT is the right choice for you.

Or are you looking for a bullet tailored for driven hunts that demonstrates its full effectiveness even on shorter and short distances? In this case you may want to direct your attention to the new DRIVEN HUNT bullet.

RWS has a wide variety of bullet designs whose spectrum extends from the time-tested semi-jacketed soft point to partially fragmenting bullets to the modern SPEED TIP PROFESSIONAL bullet. You have the power to choose! You can choose the appropriate bullet for the species of game you hunt, whether it be light, medium or heavy game.

And even though every hunter has his preferences – one swears by great shocking and stopping power because he is invited to many driven game hunts, whereas another places increased value on extraordinary accuracy because he wishes to hunt chamois – RWS has the right bullet for every application.



GREEN™
LEAD-FREE BULLET

DRIVEN HUNT



GREEN™
LEAD-FREE BULLET

HIT



GREEN™
LEAD-FREE BULLET

EVOLUTION GREEN



SPEED TIP
PROFESSIONAL



EVOLUTION



DOPPELKERN



KEGELSPITZ



ID CLASSIC



UNI CLASSIC



TEILMANTEL



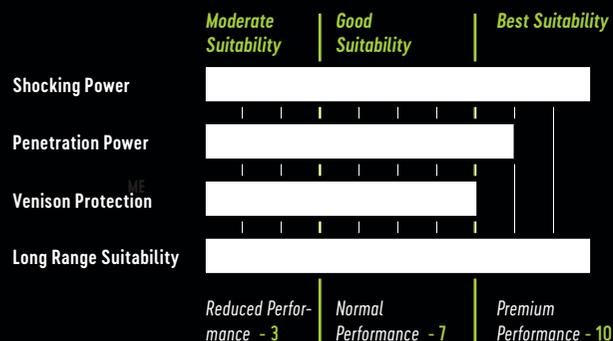
MATCH JAGD





BULLET SCORING: BULLET CHARACTERISTICS AT A GLANCE

The performance of hunting rifle bullets is judged according to various criteria that can be weighted quite differently depending on personal preferences and the conditions of a particular hunt. That is why we now judge every bullet's performance according to four carefully selected criteria. This way, you can easily select the bullet that is best for you.



SHOCKING POWER: We define shocking power as the ability of a bullet to drop the game on the spot and to either eliminate or minimize the length of its death flight.

PENETRATING POWER: Penetrating power is the bullet's potential to effectively reach deep regions of the target medium. Above all, it is relevant to the taking of large game and to guaranteeing an exit wound.

VENISON PROTECTION: This indicates whether one should expect a high degree of venison damage, such as bloodshot meat or meat damaged due to bullet fragmentation.

LONG RANGE SUITABILITY: Hunting at long range presents special challenges not only to the shooter but to the bullet as well. Bullets suitable for long range use must be especially accurate and lose as little velocity as possible during flight yet still be sufficiently effective on the game animal, even at great distances.

In the case of the new DRIVEN HUNT cartridge, however, we use the term SHORT RANGE SUITABILITY, i.e. we indicate its suitability for effective shots on shorter and short distances.

DRIVEN HUNT



Precise - Effective - Uncompromising

FULL ENERGY & AMAZING SHOCK EFFECT – LEAD-FREE

The RWS DRIVEN HUNT is a bullet made especially for driven hunt passionates. The lead-free copper deformation bullet is nickel-plated and features a flat orange nose tip. The flat nose tip facilitates the bullet in the fast deformation process and guarantees an extreme knock-down power with high weight retention. Give it a shot! The bullet convinces particularly with medium to heavy game and at shorter up to shortest distances.

FEATURES AT A GLANCE

- Outstanding shock effect
- Maximum weight retention
- Unmatched energy transfer
- Exit wound guaranteed
- 100% lead- and splitter-free bullet



*Available Calibres: .308 Win. | .308 Win. SHORT RIFLE |
.30-06 | .30-06 SHORT RIFLE | .300 Win. Mag. |
8x57 JS | 8x57 JRS | 9,3x62 | 9,3x62 SHORT RIFLE*





**TOP
INNOVATION**



Nickel-plated surface
for less barrel fouling

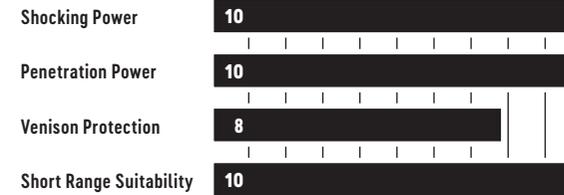


Flat nose tip
for fast bullet deformation

Wide and deep hollow point
for maximum expansion

Special manufacturing process
for extreme knock-down power
and maximum residual weight
even on very short distances

Boattail and performance grooves
for highest precision as well as
stable trajectory



DRIVEN HUNT, total score: 38



Cal. .308 Win. at 35 m



SPEED TIP PROFESSIONAL

The Long Range Specialist

EXTREME KNOCK-DOWN POWER

Its swift expansion in the game animal is achieved thanks to the speed tip bullet, which has an integral hollow point and an easily fragmented front core. The speed tip's harder rear core guarantees penetration. Results for the hunter include greatly shortened death flights and certain exit wounds for good blood trails.

HIGHLY ACCURATE

A convincing prerequisite for long shots. This is guaranteed by the V-Tail bullet base and the nicked bullet jacket.

FLAT TRAJECTORY

The extremely flat trajectory and high velocity make hunting at long ranges a reality. This is achieved by the use of an aerodynamic profile topped off with a speed tip point and V-Tail base.

FEATURES AT A GLANCE

- Immense shocking and stopping power, even at long ranges
- Extremely flat trajectory due to low air resistance
- Compelling accuracy
- Reliable exit wound

Available Calibres: 6,5 Creedmoor | 6,5 x 55 SE | .270 Win. | 7mm Rem. Mag. | 7 x 64 | .308 Win. SHORT RIFLE | .308 Win. | .30-06 SHORT RIFLE | .30-06 | .300 Win. Mag. | 8 x 57 JS SHORT RIFLE | 8 x 57 JS | 8 x 57 JRS | 8 x 68 S | .338 Lapua Mag. | 9,3 x 62

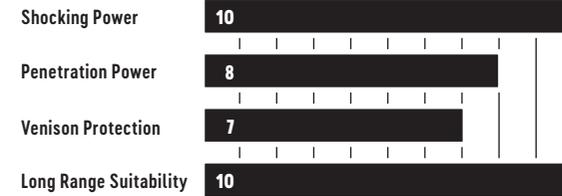




Nickel-plated surface
for less barrel fouling



- Speed tip for maximum knock-down power and flat trajectory
- Soft front core for guaranteed stopping power even at longer ranges
- H-shaped construction for pre-defined fragmentation
- V-tail for highest precision and stable trajectory



SPEED TIP PROFESSIONAL, total score: 35



Cal. .308 Win. at 200 m



HIT

GREEN™
 Lead-free bullet
*Powerful and Lead-Free***SUPERIOR PENETRATING POWER**

Certain exit wounds with reliable blood trails. Slug expands to about twice the caliber's diameter with 99% weight retention.

MAXIMUM OF VENISON PROTECTION

Unlike fragmenting bullets, the lead-free and dimensionally stable RWS HIT only delivers its energy through fragment-free expansion inside the game animal. The result: maximum venison recovery without bullet fragments!

FLAT TRAJECTORY

The RWS HIT has proven itself very capable at standard to longer ranges thanks to its flat trajectory with high impact velocity and energy, especially in ultra-velocity calibres.

FEATURES AT A GLANCE

- Reassuring penetrating power, even on bone hits
- Flat trajectory
- Great shocking power
- Maximum of venison protection
- 100% lead- and fragment-free bullet

Available Calibres: .22 Hornet | .222 Rem. | .223 Rem. | .243 Win. | 6,5 Creedmoor | 6,5 x 55 SE | 5,6 x 50 R Mag. | .270 Win. | .270 WSM | 7mm Rem. Mag. | 7 x 64 | 7 x 65 R | .308 Win. SHORT RIFLE | .308 Win. | .30-06 SHORT RIFLE | .30-06 | .300 Win. Mag. SHORT RIFLE | .300 Win. Mag. | 8 x 57 JS SHORT RIFLE | 8 x 57 JS | 8 x 57 JRS | 8 x 68 S | 9,3 x 62 SHORT RIFLE | 9,3 x 62 | 9,3 x 74 R | 10,3 x 68 Mag.





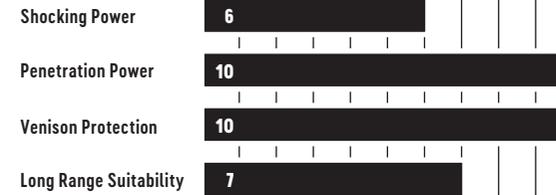
Nickel-plated surface
for less barrel fouling



Twin Compression Tip for reliable
deformation & flat trajectory

Copper deformation bullet
for deep penetration

Boattail for highest
precision and stable
trajectory



HIT, Total score: 33



Cal. .308 Win. at 100 m





EVOLUTION GREEN



Extraordinary Shocking Power - Lead-Free

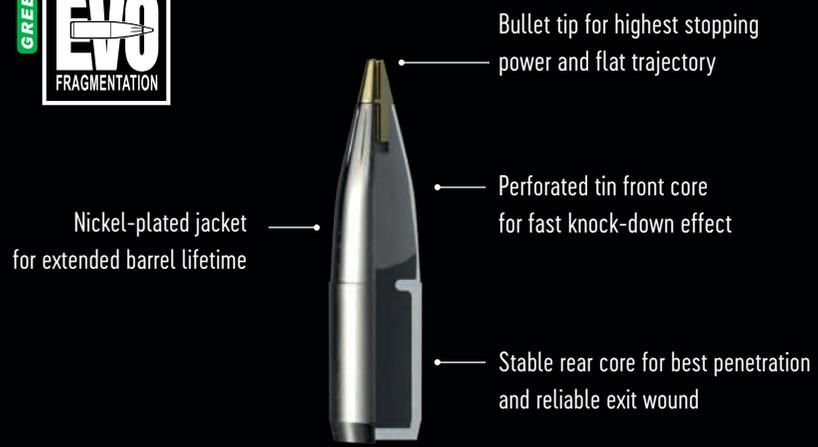
MORE SHOCKING POWER

Extraordinary expansion properties via multiple perforations of the tin front core and the use of the speed tip point for reassuring shocking power. This results in shorter flights and less tracking effort.

MORE RANGE

Excellent killing power even at long and longer impact distances. Ordinary designs show greatly reduced expansion at long ranges. Not so with the EVOLUTION GREEN. Its intelligent bullet design significantly reduces this effect. This bullet is suitable for all European game, yet its strengths lie in the taking of light- to medium-weight animals.

Available Calibres: 6,5 Creedmoor | 6,5 x 55 SE | 6,5 x 57 | 6,5 x 57 R | 6,5 x 68 | .270 Win. | .270 WSM | 7 x 57 R | 7mm Rem. Mag. | 7 x 64 | 7 x 65 R | .308 Win. SHORT RIFLE | .308 Win. | .30-06 SHORT RIFLE | .30-06 | .30 R Blaser | .300 Win. Mag. | 8 x 57 JS | 8 x 57 JRS | 8 x 68 S | 9,3 x 62 | 9,3 x 64 | 9,3 x 74 R | 10,3 x 68 Mag.



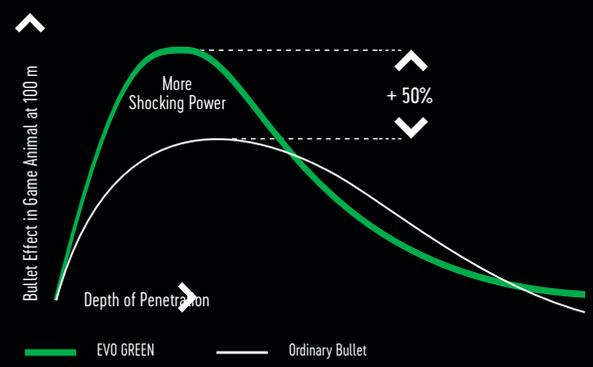
FEATURES AT A GLANCE

- > Outstanding shocking power
- > Reliable exit wound
- > Flat trajectory – long RZR*
- > Full effectiveness at long ranges
- > 100% lead-free bullet

*Recommended Zero Range



Cal. .308 Win. at 100 m



Shocking Power	10
Penetration Power	7
Venison Protection	7
Long Range Suitability	8

EVOLUTION GREEN, Total score: 32

EVOLUTION

Outstanding Penetration

The performance advantage of the EVOLUTION is especially noticeable on bone hits, primarily on heavier game. Whereas classic semi-jacketed bullets fragment upon impact on heavy bones and retain less energy for penetration and exit wounds, the EVOLUTION bullet remains, for the most part, intact. Via the special power bonding of the lead core to the gilding metal jacket, it achieves retained weights of nearly 100% and ensures a high probability of an exit wound with minimal meat protection. Thanks to its aerodynamic profile and ballistic calotte, the EVOLUTION bullet stands out with good inherent accuracy. It has a flat trajectory and consistently high impact energy, even at long ranges.



Cal. .308 Win. at 100 m



Rapid X Tip®

Rapid-X-Tip for fast and controlled deformation

Bonded lead core for maximum retained weight and penetration

Nickel-plated gilding metal jacket for extended barrel lifetime

Ballistic dome for maximum energy efficiency

FEATURES AT A GLANCE

- > Rapid X Tip® for fast and controlled expansion
- > Outstanding penetration power
- > Outstanding accuracy
- > Nearly 100% weight retention

Shocking Power	8
Penetration Power	9
Venison Protection	9
Long Range Suitability	8

EVOLUTION, Total score: 34

Available Calibres: .270 Win. | 7mm Rem. Mag. | 7 x 64 |

7 x 65 R | .308 Win. | .30-06 | .30 R Blaser | .300 Win. Mag. | .300 WSM |

8 x 57 JS | 8 x 57 JRS | 8 x 68 S | 9,3 x 62 | 9,3 x 74 R



ID CLASSIC

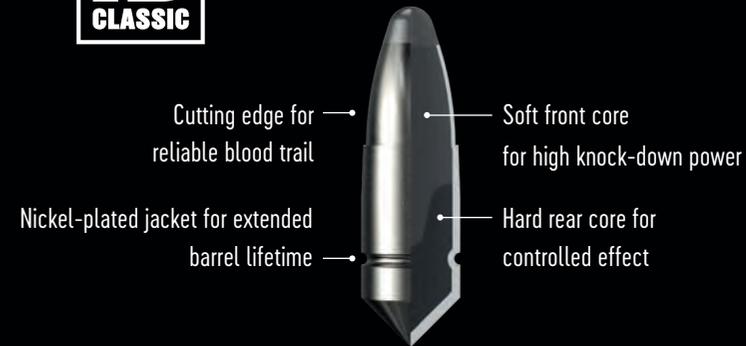
For Light Game

The basic premise behind the ID CLASSIC is the ideal combination of expansion and penetration in the target. This is achieved by using a peg joint to unite two cores of differing hardness. The soft front core fragments in a controlled manner, delivering its energy quickly into the animal. The rear core of the ID CLASSIC mushrooms more starkly than that of the UNI CLASSIC, thus making it especially suitable for light- to medium-weight hoofed game.

The nickel-plated mild steel jacket protects the barrel and gets progressively thicker towards the rear to assure controlled expansion. The torpedo-shaped boattail ensures stability in flight.



Cal. .308 Win. at 100 m



Available Calibres: 7 x 57 | 7 x 57 R | 7mm Rem. Mag. |
7 x 64 | 7 x 65 R | .308 Win. | .30-06 | 8 x 57 JS |
8 x 57 IRS

Shocking Power	9
Penetration Power	7
Venison Protection	7
Long Range Suitability	6

ID CLASSIC, Total score: 29

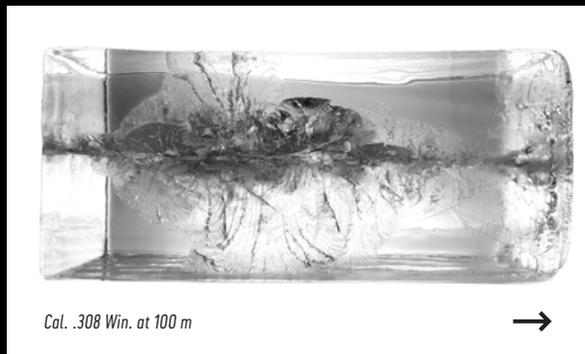
FEATURES AT A GLANCE

- > Great shocking power
- > Dual-core design limits fragmentation
- > Cutting edge produces good blood trails
- > Ideal for light to medium game

UNI CLASSIC

For Heavy Game

The UNI CLASSIC bullet was developed especially so that it would be capable of hunting heavy hoofed game up to large game – a counterpart to the ID CLASSIC. The harder and heavier rear core has less tendency to mushroom, which further increases penetration. Like the ID CLASSIC, the front core fragments reliably, which assures great shocking power upon impact. The torpedo-shaped boattail ensures stability in flight.

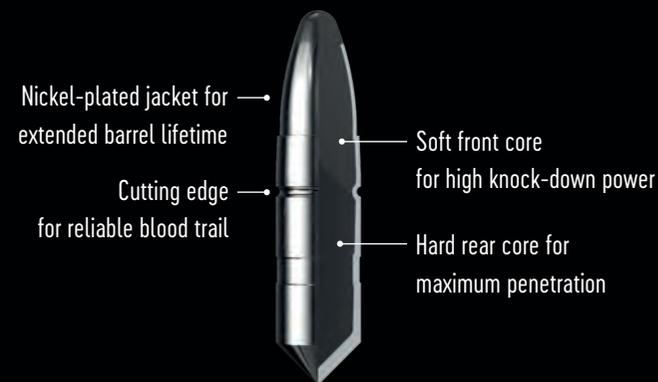


Cal. .308 Win. at 100 m



FEATURES AT A GLANCE

- > Combines shocking and penetrating power
- > Dual-core design limits fragmentation
- > Reliable exit wound
- > Universal bullet for medium to heavy game



Available Calibres: .308 Win. | .30-06 | .30 R Blaser |
 .300 Win. Mag. | 9,3 x 62 | 9,3 x 64 | 9,3 x 74 R |
 .375 H&H Mag.

Shocking Power	6
Penetration Power	9
Venison Protection	8
Long Range Suitability	6

UNI CLASSIC, Total score: 29

DOPPELKERN

For Controlled Shocking Power

The dual-core Doppelkern bullet consists of two lead cores of differing hardness. The front core fragments reliably and ensures great shock effect. In order to control this deformation, a unique gilding metal cup separates the rear core from the soft front core. The core weight proportion is 50:50, which guarantees a perfect combination of shocking power with the high probability of an exit wound. This design results in a straight bullet path for that all-important exit wound.

FEATURES AT A GLANCE

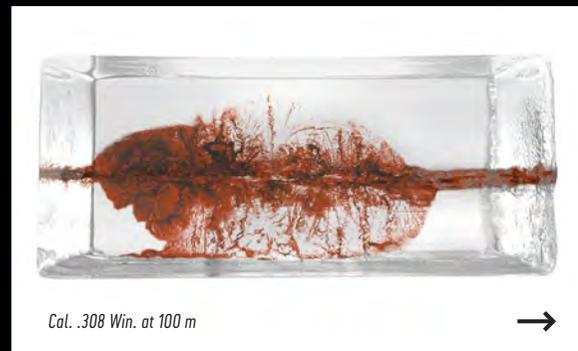
- > Highly accurate
- > Great shocking power
- > Dual-core design limits fragmentation
- > Cutting edge for good blood trails

Shocking Power	9
Penetration Power	7
Venison Protection	7
Long Range Suitability	7

Doppelkern, Total score: 30



Available Calibres: 6,5 x 55 SE | 6,5 x 57 | 6,5 x 57 R |
.308 Win. | .30-06 | .30 R Blaser | .300 Win. Mag. | 9,3 x 62



MATCH JAGD

Precise by Tradition

THIS TYPE OF BULLET IS NOT SUITABLE FOR HUNTING!

Generations of junior hunters and competitive shooters have relied on these cartridges for their toughest test. With success.

The RWS MATCH hunting bullet ensures you get the most precision out of your weapon. Due to compliance with hunting laws, [E 100 > 1000 joules] the RWS .222 Rem. MJ 3.4 g is especially suited for training for the hunter test and the actual test shooting.



Open tip of projectile

Tombac-plated steel jacket

Lead core

Ballistic calotte

Available Calibres: .22 Hornet | .222 Rem.



KEGELSPITZ

For Premium Accuracy

With both light and heavy game, this cone-point bullet offers controlled expansion and delivers consistent energy into the game animal while retaining a slug that has usefully expanded to produce an exit wound. The secret lies in the optimal balance between the thickness of the jacket and the hardness of the lead core.

FEATURES AT A GLANCE

- > Extraordinary accuracy with low air resistance
- > Reliable expansion
- > Minimal fragmentation

Shocking Power	8								
Penetration Power	6								
Venison Protection	6								
Long Range Suitability	7								

KEGELSPITZ, Total score: 27



Available Calibres: 5,6 x 57 | .243 Win. | 6,5 x 57 | 6,5 x 57 R |
 6,5 x 65 R RWS | 6,5 x 68 | .270 Win. | 7 x 57 R |
 7mm Rem. Mag. | 7 x 64 | 7 x 65 R | .308 Win. | .30-06 |
 .300 Win. Mag. | 8 x 68 S | 9,3 x 62 | 9,3 x 74 R



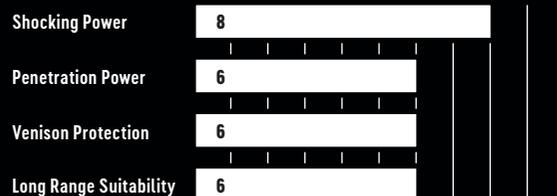
TEILMANTEL

For Immense Energy Transfer

The semi-jacket softpoint is a bullet type that has been trusted for generations and, even today, has many adherents. Its well-engineered design transfers great energy into the game animal for good stopping power. Available in round nose and pointed profiles.

FEATURES AT A GLANCE

- > Highly accurate
- > Quick energy transfer
- > Flat trajectory



TEILMANTEL, Total score: 26



Available Calibres: .22 Hornet | .222 Rem. | .223 Rem. |
5,6 x 50 Mag. | 5,6 x 50 R Mag. | 5,6 x 52 R | .243 Win. |
9,3 x 74 R [Rundkopf]

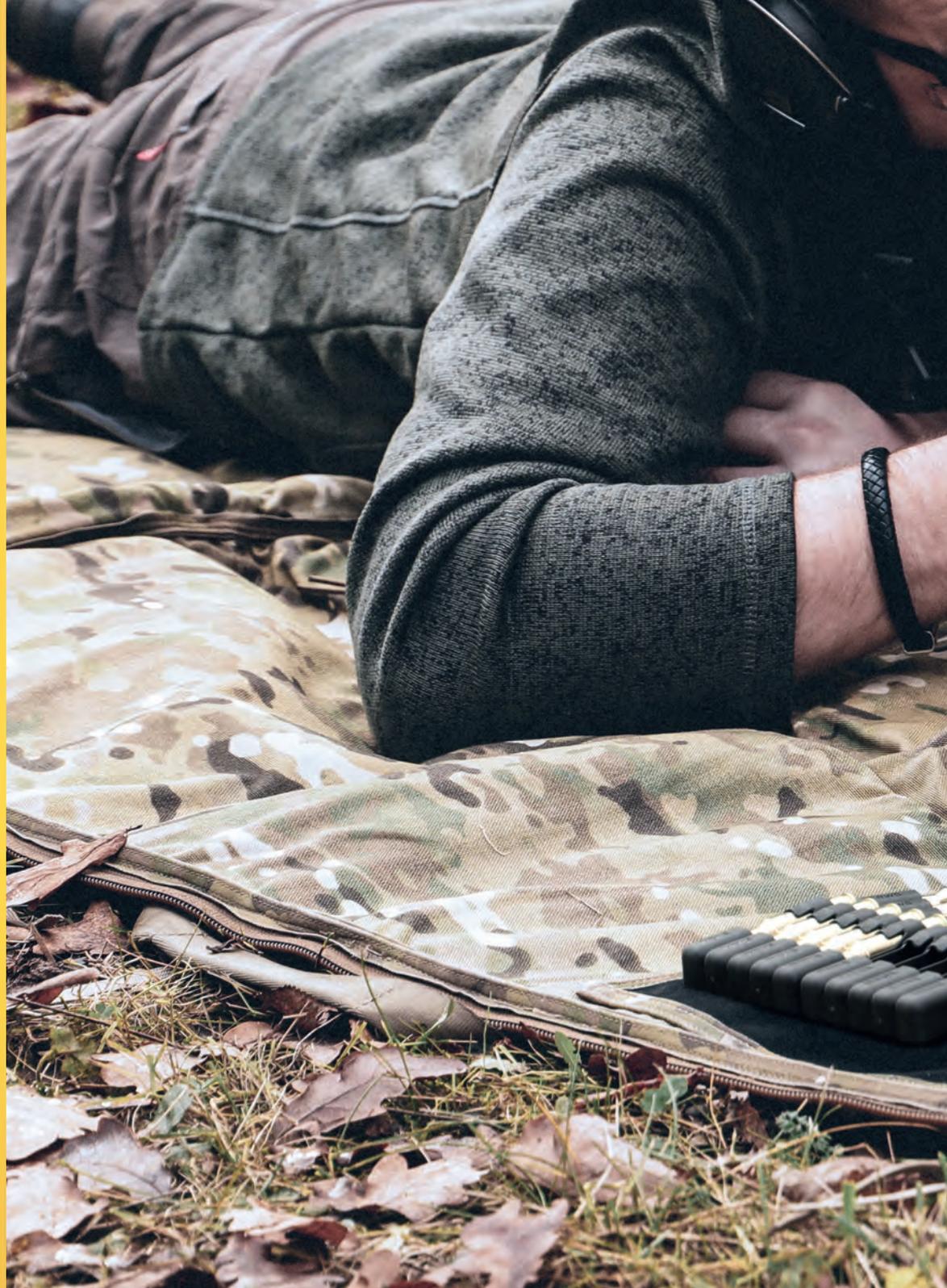
TARGET ELITE PLUS

MATCH CARTRIDGES IN HANDLOADER QUALITY

Unique in design and load: The RWS TARGET ELITE PLUS embodies everything you could conceivably want in a modern precision cartridge! The double-step loading technology ensures hitherto unrivalled manufacturing quality – for consistently reliable results at all long-range distances.

- Maximum accuracy: Defined accuracy requirement at 300 m of no more than 16.9 mm to 25 mm standard deviation in test barrels
- For long-range disciplines at shot distances of up to 1,200 m
- Big-bore cartridge prepared in handloader quality
- Specially manufactured match cartridges
- Engineered for high-end match firearms and suitable twist lengths in the long-range segment

The complete range of TARGET ELITE PLUS Match cartridges at S. 64





PLUS



BEST COMPONENTS – OUTSTANDING RESULT!
RWS TARGET ELITE PLUS WITH SCORION BULLET

Match cartridges in handloader quality with highly precise ballistics and consistently outstanding accuracy up to a maximum range of 1,200 m. Loaded with the RWS SCORION bullet for maximum accuracy at all distances.



» All RWS TARGET ELITE PLUS cartridges to be used exclusively for sport shooting purposes only. This means: Do not use for hunting purposes, as there is no mushrooming effect to be expected.

TARGET ELITE PLUS FEATURING SCORION

MAXIMUM ACCURACY AT ALL DISTANCES.

Latest generation HPBT match cartridge



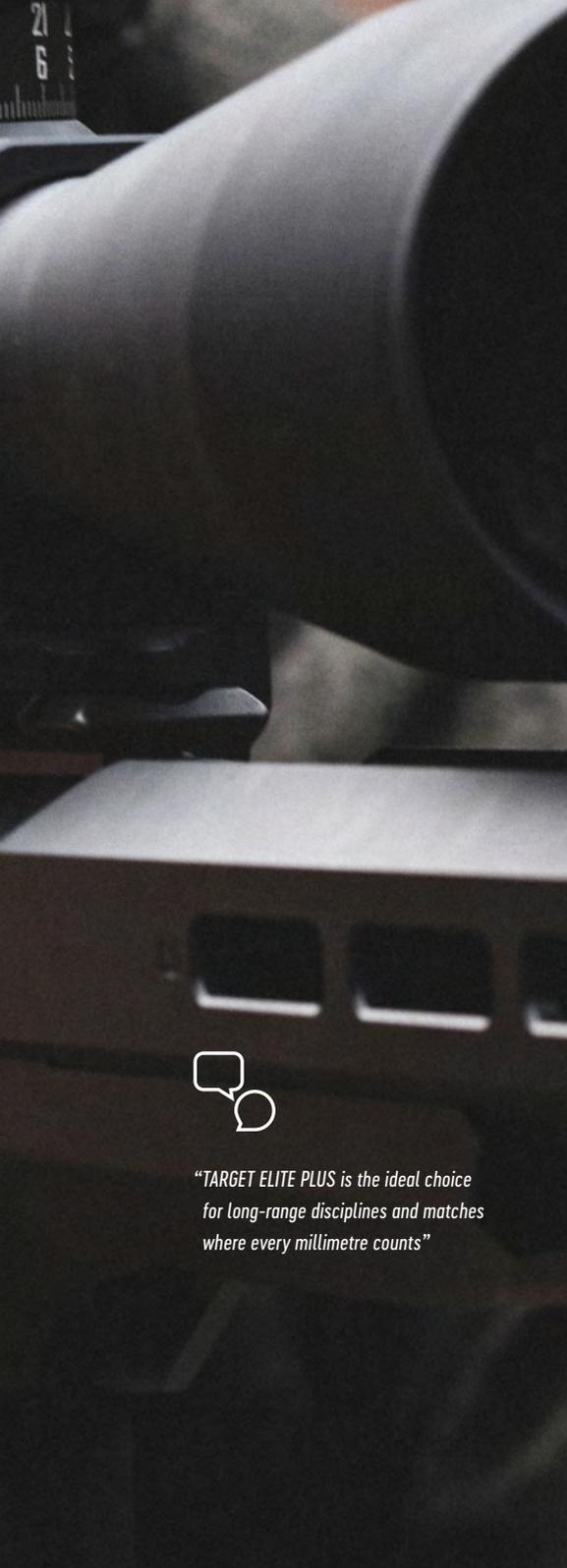
High BC for unbeatable long-range performance

Flawless concentricity for maximum accuracy

Optimised boat tail for a stable trajectory

Manufactured to the highest quality standards, the aerodynamic SCORION hollow point bullet delivers an excellent BC value, maximum accuracy, a flat trajectory, as well as minimum sensitivity to crosswinds at all ranges.





“TARGET ELITE PLUS is the ideal choice for long-range disciplines and matches where every millimetre counts”





BALLISTICS, THE SCIENCE OF PROJECTILES IN FLIGHT, IS DIVIDED INTO FOUR CATEGORIES:

INTERNAL BALLISTICS covers the time from the propellant's ignition in the chamber until the projectile exits the muzzle, studying all internal processes such as gas pressure and bullet velocity, among others.

EXTERIOR BALLISTICS is concerned with the flight of the bullet from the time it exits the muzzle until it reaches its target, taking into account all external influences such as gravity, air resistance and other atmospheric influences.

TRANSITIONAL BALLISTICS studies events at the muzzle at the point where the bullet exits the barrel.

TERMINAL BALLISTICS studies the effect of a projectile on the target.



BALLISTICS

Getting to the Point...

BALLISTIC DATA: These are the averages of the results of many test firings from rifles of different manufacturers. Generally, the data are valid for a horizontal shot at sea level.

BARREL LENGTH: The standard length is 600 mm. If the barrel length of the rifle is shorter or longer, the velocity for standard loadings will be lower or higher accordingly. The trend toward shorter barrels demonstrates this effect on the velocity and performance of the bullet.

RZR: RZR stands for recommended zero range. The RZR is the point at which the path of the bullet crosses the line of sight for the second time and is not at any time more than 4 cm above or below it. Sighting in at 100 m is still possible. For example: The 7 x 64 EVOLUTION GREEN must impact 4 cm above the aiming point at 100 m for the RZR of 195 m to be utilized without having to adjust the point of aim. The RWS sight-in target is optimal for sighting in. You can download it at rws-ammunition.com.

V₀: This is the muzzle velocity of the bullet. The velocity, or V, (Lat. velocitas) is given in meters per second (m/s) at ranges from 0 to 300 meters.

BALLISTIC COEFFICIENT (BC): Every bullet is slowed down by air resistance. The rate of this slowing is dependent upon the shape, mass and velocity of the bullet as well as the density of the air. The BC simply indicates how well a bullet overcomes air resistance. The higher the BC, the better the bullet can do this.

JOULE: The energy of a bullet is calculated from its velocity and its weight. E100 is the amount of energy delivered to an animal at a distance of 100 meters. In Germany, a rifle cartridge for roe deer is required to have an E100 of 1000 joules, while a cartridge for other hoofed game must be in a caliber of at least 6.5 mm with an E100 of 2000 J.

To ensure that you can find your way around the ballistic data even better, the game symbols highlight the weight class for which the respective bullet is optimally suited. These symbols can also be found on the back of the packaging. Also new on the packaging: the recommended operating range. Making sure you are always on the safe side.

Fox  3-15 kg

Roe Deer, Roebuck  15-30 kg

Wild Boar  30-150 kg

Red Deer, Stag  80-250 kg

Moose  250-400 kg

Bear  250-600 kg

BULLET ITEM NUMBER	WEIGHT Gramms g Grains gr	Barrel Length mm BC											⊕ RZR*											Recommend- ed Effective Range
			0m	50m	100m	150m	200m	250m	300m	50m	100m	150m		200m	250m	300m								



NEW	HIT	●	5,2	600	V (m/s)	1001	942	886	834	784	734	685	⊕	100m	-1,1	⊕	-2,0	-7,6	-17,1	-31,2	✓	✓					220m
	243 00 81		80	0,289	E [J]	2605	2307	2041	1808	1598	1401	1220	RZR (m)	204	0,9	4,0	4,0	0,4	-7,1	-19,2							220m
	KEGELSPITZ		6,2	600	V (m/s)	910	856	804	754	706	660	615	⊕	100m	-0,8	⊕	-3,0	-10,3	-22,5	-40,4	✓	✓					220m
	211 68 12		96	0,294	E [J]	2567	2271	2004	1762	1545	1350	1172	RZR (m)	183	1,2	4,0	3,0	-2,3	-12,5	-28,4							
	TEILMANTEL SPITZ		6,5	600	V (m/s)	900	857	816	776	737	699	663	⊕	100m	-0,8	⊕	-2,9	-9,8	-21,3	-37,8	✓	✓					220m
	211 68 71		100	0,371	E [J]	2633	2387	2164	1957	1765	1588	1429	RZR (m)	186	1,2	4,0	3,2	-1,8	-11,2	-25,7							

.243 Win.



NEW	HIT	●	7,8 <th>600 <th>V (m/s)</th> <th>859</th> <th>821</th> <th>784</th> <th>747</th> <th>712</th> <th>677</th> <th>644</th> <th>⊕</th> <th>100m</th> <th>-0,7</th> <th>⊕</th> <th>-3,3</th> <th>-11,0</th> <th>-23,6</th> <th>-41,5</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>-300m</th> </th>	600 <th>V (m/s)</th> <th>859</th> <th>821</th> <th>784</th> <th>747</th> <th>712</th> <th>677</th> <th>644</th> <th>⊕</th> <th>100m</th> <th>-0,7</th> <th>⊕</th> <th>-3,3</th> <th>-11,0</th> <th>-23,6</th> <th>-41,5</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>-300m</th>	V (m/s)	859	821	784	747	712	677	644	⊕	100m	-0,7	⊕	-3,3	-11,0	-23,6	-41,5	✓	✓	✓					-300m
	EVOLUTION GREEN		6,0	600	V (m/s)	998	945	893	845	799	753	708	⊕	100m	-1,1	⊕	-2,0	-7,3	-16,6	-30,1	✓	✓	✓					-300m
	241 16 82		93	0,317	E [J]	2988	2679	2392	2142	1915	1701	1504	RZR (m)	185	0,9	4,0	4,0	0,7	-6,6	-18,1								
	242 64 62		120	0,401	E [J]	2878	2629	2397	2176	1977	1787	1617	RZR (m)	178	1,3	4,0	2,7	-3,0	-13,6	-29,6								
	SPEED TIP PRO		9,1	600	V(m/s)	828	796	764	734	704	675	646	⊕	100m	-0,6	⊕	-3,6	-11,8	-25,0	-43,5	✓	✓	✓					-300m
	241 16 31		140	0,466	E [J]	3119	2883	2656	2451	2255	2073	1899	RZR (m)	174	1,4	4,0	2,4	-3,8	-15,0	-31,5								

6,5 Creedmoor



NEW	HIT	●	7,8 <th>650 <th>V (m/s)</th> <th>811 <th>775 <th>741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th></th></th></th></th></th>	650 <th>V (m/s)</th> <th>811 <th>775 <th>741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th></th></th></th></th>	V (m/s)	811 <th>775 <th>741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th></th></th></th>	775 <th>741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th></th></th>	741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th></th>	706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th>	673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th>	641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th>	610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th>	⊕	100m	-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th>	⊕	-4,0	-13,0	-27,3	-47,7	✓	✓	✓					270m
	EVOLUTION GREEN		6,0	650	V (m/s)	990	936	883	834	788	740	694	⊕	100m	-1,1	⊕	-2,1	-7,6	-17,2	-31,2	✓	✓	✓					270m
	240 14 04		93	0,309	E [J]	2940	2628	2339	2087	1863	1643	1445	RZR (m)	203	0,9	4,0	3,9	0,3	-7,2	-19,2								
	242 64 65		120	0,415	E [J]	2565	2342	2141	1944	1766	1602	1451	RZR (m)	169	1,6	4,0	2,0	-4,9	-17,2	-35,6								
	SPEED TIP PRO		9,1	600	V(m/s)	797	765	734	703	674	644	616	⊕	100m	-0,4	⊕	-4,2	-13,3	-27,8	-48,3	✓	✓	✓					270m
	241 16 32		140	0,457	E [J]	2890	2663	2451	2249	2067	1887	1727	RZR (m)	167	1,6	4,0	1,9	-5,3	-17,8	-36,2								
	DOPPELKERN		9,1	600	V (m/s)	820	771	724	679	635	594	553	⊕	100m	-0,4	⊕	-4,3	-13,8	-29,5	-52,2	✓	✓	✓	✓				180m
	211 69 95		140	0,305	E [J]	3059	2705	2385	2098	1835	1605	1391	RZR (m)	165	1,6	4,0	1,7	-5,9	-19,6	-40,2								

6,5 x 55 SE



NEW	HIT	●	7,8 <th>600 <th>V (m/s)</th> <th>811 <th>775 <th>741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th></th></th></th></th></th>	600 <th>V (m/s)</th> <th>811 <th>775 <th>741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th></th></th></th></th>	V (m/s)	811 <th>775 <th>741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th></th></th></th>	775 <th>741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th></th></th>	741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th></th>	706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th>	673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th>	641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th>	610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th>	⊕	100m	-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th>	⊕	-4,0	-13,0	-27,3	-47,7	✓	✓	✓					270m
	EVOLUTION GREEN		6,0	600	V (m/s)	950	897	848	801	753	705	659	⊕	100m	-1,0	⊕	-2,4	-8,7	-19,3	-34,9	✓	✓	✓					250m
	240 14 05		93	0,309	E [J]	2708	2414	2157	1925	1701	1491	1303	RZR (m)	194	1,0	4,0	3,6	-0,7	-9,2	-22,8								
	KEGELSPITZ		8,2	600	V (m/s)	840	798	758	718	680	643	607	⊕	100m	-0,6	⊕	-3,7	-12,2	-26,0	-45,7	✓	✓	✓	✓				220m
	211 70 96		127	0,361	E [J]	2893	2611	2356	2114	1896	1695	1511	RZR (m)	172	1,4	4,0	2,3	-4,2	-16,0	-33,7								
	DOPPELKERN		9,1	600	V (m/s)	800	752	706	661	618	577	538	⊕	100m	-0,3	⊕	-4,6	-14,8	-31,5	-55,6	✓	✓	✓	✓				180m
	231 43 52		140	0,305	E [J]	2912	2573	2268	1988	1738	1515	1317	RZR (m)	161	1,7	4,0	1,4	-6,9	-21,6	-43,7								

6,5 x 57



NEW	HIT	●	7,8 <th>600 <th>V (m/s)</th> <th>811 <th>775 <th>741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th></th></th></th></th></th>	600 <th>V (m/s)</th> <th>811 <th>775 <th>741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th></th></th></th></th>	V (m/s)	811 <th>775 <th>741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th></th></th></th>	775 <th>741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th></th></th>	741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th></th>	706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th></th>	673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th></th>	641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th></th>	610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th> </th>	⊕	100m	-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>270m</th>	⊕	-4,0	-13,0	-27,3	-47,7	✓	✓	✓					270m
	EVOLUTION GREEN		6,0	600	V (m/s)	920	871	823	776	730	686	643	⊕	100m	-0,9	⊕	-2,7	-9,6	-21,0	-37,7	✓	✓	✓					220m
	240 14 07		93	0,325	E [J]	2539	2276	2032	1807	1599	1412	1240	RZR (m)	187	1,1	4,0	3,3	-1,6	-11,0	-25,7								
	KEGELSPITZ		8,2	600	V (m/s)	800	759	720	682	645	609	574	⊕	100m	-0,4	⊕	-4,4	-14,0	-29,6	-51,8	✓	✓	✓	✓				210m
	211 71 50		127	0,361	E [J]	2624	2362	2125	1907	1706	1521	1351	RZR (m)	164	1,6	4,0	1,6	-6,0	-19,6	-39,8								
	DOPPELKERN		9,1	600	V (m/s)	760	713	668	625	584	544	506	⊕	100m	-0,1	⊕	-5,4	-17,1	-36,1	-63,3	✓	✓	✓	✓				160m
	211 71 18		140	0,305	E [J]	2628	2313	2030	1777	1552	1347	1165	RZR (m)	154	1,9	4,0	0,6	-9,1	-26,1	-51,3								

6,5 x 57 R



NEW	HIT	●	7,8 <th>600 <th>V (m/s)</th> <th>811 <th>775 <th>741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>250m</th> </th></th></th></th></th></th></th></th></th>	600 <th>V (m/s)</th> <th>811 <th>775 <th>741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>250m</th> </th></th></th></th></th></th></th></th>	V (m/s)	811 <th>775 <th>741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>250m</th> </th></th></th></th></th></th></th>	775 <th>741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>250m</th> </th></th></th></th></th></th>	741 <th>706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>250m</th> </th></th></th></th></th>	706 <th>673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>250m</th> </th></th></th></th>	673 <th>641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>250m</th> </th></th></th>	641 <th>610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>250m</th> </th></th>	610 <th>⊕</th> <th>100m</th> <th>-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>250m</th> </th>	⊕	100m	-0,5 <th>⊕</th> <th>-4,0</th> <th>-13,0</th> <th>-27,3</th> <th>-47,7</th> <th>✓</th> <th>✓</th> <th>✓</th> <th></th> <th></th> <th></th> <th></th> <th>250m</th>	⊕	-4,0	-13,0	-27,3	-47,7	✓	✓	✓					250m
	KEGELSPITZ		8,2	600	V (m/s)	860	817	776	736	698	660	624	⊕	100m	-0,7	⊕	-3,4	-11,4	-24,4	-43,0	✓	✓	✓					250m
	211 69 87		127	0,361	E [J]	3032	2737	2469	2221	1998	1786	1596	RZR (m)	177	1,4	4,0	2,6	-3,3	-14,3	-30,9								

6,5 x 65 R RWS



Range of application is only a recommendation and is no substitute for personal experience. Our ballistic data were determined in test barrels. When firing ammunition from typical sporting rifles, there may be variances from these data. Cartridge illustrations are at a scale of 1:2.

BC = Ballistic Coefficient | V = Velocity | E = Energy | RZR = Recommended Zero Range | ● = Lead-Free | ● = Short Rifle

BULLET ITEM NUMBER	WEIGHT Gramms g Grains gr	Barrel Length mm BC	0m	50m	100m	150m	200m	250m	300m	RZR*	50m	100m	150m	200m	250m	300m	350m	400m	450m	500m	550m	600m	650m	700m	750m	800m	850m	900m	950m	1000m	Recommend- ed Effective Range
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6,5 x 68



EVOLUTION GREEN	●	6,0	650	V (m/s)	1110	1051	997	948	898	847	796	⊖	100m	-1,4	⊖	-1,1	-4,9	-11,7	-22,0	✓	✓											280m
231 88 67		93	0,313	E (J)	3696	3314	2982	2696	2419	2152	1901	RZR (m)	219	0,3	3,4	4,0	1,9	-3,3	-11,9													
KEGELSPITZ		8,2	650	V (m/s)	950	905	861	818	777	737	698	⊖	100m	-1,0	⊖	-2,3	-8,3	-18,3	-32,9	✓	✓	✓										260m
211 72 15		127	0,361	E (J)	3700	3358	3039	2743	2475	2227	1998	RZR (m)	197	1,0	4,0	3,7	-0,3	-8,3	-20,9													

.270 Win.



EVOLUTION GREEN	●	6,2	600	V (m/s)	1080	1018	959	903	849	798	748	⊖	100m	-1,3	⊖	-1,4	-5,7	-13,5	-25,1	✓	✓											270m
231 88 62		96	0,292	E (J)	3616	3213	2851	2528	2234	1974	1734	RZR (m)	213	0,5	3,6	4,0	1,4	-4,6	-14,4													
HIT	●	8,4	600	V (m/s)	921	879	839	800	763	726	690	⊖	100m	-0,9	⊖	-2,6	-9,0	-19,6	-34,9	✓	✓	✓	✓	✓								240m
231 92 10		130	0,385	E (J)	3567	3249	2960	2691	2448	2216	2002	RZR (m)	192	1,1	4,0	3,4	-1,0	-9,6	-22,8													
SPEED TIP PRO		9,1	600	V (m/s)	925	890	856	825	795	764	734	⊖	100m	-1,0	⊖	-2,4	-8,4	-18,3	-32,3	✓	✓	✓										270m
240 74 32		140	0,459	E (J)	3893	3604	3334	3097	2876	2656	2451	RZR (m)	197	1,1	4,0	3,6	-0,4	-8,2	-20,3													
KEGELSPITZ		9,7	600	V (m/s)	896	850	806	764	722	682	643	⊖	100m	-0,8	⊖	-3,0	-10,2	-22,1	-39,3	✓	✓	✓	✓									270m
211 72 82		150	0,345	E (J)	3894	3504	3151	2831	2528	2256	2005	RZR (m)	184	1,2	4,0	3,1	-2,1	-12,0	-27,1													
EVOLUTION		10,0	600	V (m/s)	830	785	742	700	660	621	583	⊖	100m	-0,5	⊖	-4,0	-12,9	-27,5	-48,5	✓	✓	✓	✓									270m
231 59 72		154	0,335	E (J)	3445	3081	2753	2450	2178	1928	1699	RZR (m)	169	1,5	4,0	2,1	-4,9	-17,5	-36,5													

.270 WSM



HIT	●	8,4	650	V (m/s)	940	898	858	818	776	738	702	⊖	100m	-1,0	⊖	-2,4	-8,4	-18,5	-33,2	✓	✓	✓	✓	✓								250m
231 92 06		130	0,385	E (J)	3716	3391	3096	2814	2532	2290	2072	RZR (m)	196	1,0	4,0	3,7	-0,3	-8,5	-21,1													

7 x 57



ID CLASSIC		10,5	600	V (m/s)	810	765	721	678	637	598	560	⊖	100m	-0,4	⊖	-4,3	-14,0	-29,8	-52,4	✓	✓	✓	✓									200m
211 85 13		162	0,325	E (J)	3445	3072	2729	2413	2130	1877	1646	RZR (m)	164	1,6	4,0	1,7	-6,0	-19,8	-40,4													

7 x 57 R



EVOLUTION GREEN	●	8,2	600	V (m/s)	830	792	755	718	683	649	616	⊖	100m	-0,5	⊖	-3,8	-12,3	-26,1	-45,7	✓	✓	✓										220m	
231 85 44		127	0,392	E (J)	2824	2572	2337	2114	1913	1727	1556	RZR (m)	171	1,4	4,0	2,2	-4,4	-16,2	-33,8														
ID CLASSIC		11,5	600	V (m/s)	730	691	653	616	581	547	514	⊖	100m	0,1	⊖	-5,8	-18,1	-37,7	-65,5	✓	✓	✓	✓									170m	
211 85 72		177	0,356	E (J)	3064	2746	2452	2182	1941	1720	1519	RZR (m)	151	2,1	4,0	0,2	-10,1	-27,7	-53,5														
KEGELSPITZ		10,5	600	V (m/s)	760	722	686	651	617	584	552	⊖	100m	-0,1	⊖	-5,1	-15,9	-33,3	-57,8	✓	✓	✓											180m
211 85 48		162	0,381	E (J)	3032	2737	2471	2225	1999	1791	1600	RZR (m)	157	1,8	4,0	0,9	-8,0	-23,3	-45,8														

Range of application is only a recommendation and is no substitute for personal experience. Our ballistic data were determined in test barrels. When firing ammunition from typical sporting rifles, there may be variances from these data. Cartridge illustrations are at a scale of 1:2.

BC = Ballistic Coefficient | V = Velocity | E = Energy | RZR = Recommended Zero Range | ● = Lead-Free | ● = Short Rifle

BULLET ITEM NUMBER	WEIGHT Gramms g Grains gr	Barrel Length mm BC	0m	50m	100m	150m	200m	250m	300m	⊕ RZR*	Recommend- ed Effective Range													
											50m	100m	150m	200m	250m	300m	350m	400m	450m	500m	550m	600m		
EVOLUTION GREEN ●	8,2	650	V (m/s)	1010	966	924	883	843	804	767	⊕	100m	-1,2	⊕	-1,7	-6,5	-14,8	-26,9		✓	✓	✓	✓	300m
231 85 45	127	0,392	E (J)	4182	3826	3500	3197	2914	2650	2412	RZR (m)	210	0,7	3,8	4,0	1,1	-5,3	-15,5						
HIT ●	9,1	650	V (m/s)	940	900	861	824	787	752	717	⊕	100m	-1,0	⊕	-2,3	-8,3	-18,2	-32,4	✓	✓	✓	✓	✓	240m
231 88 48	140	0,409	E (J)	4020	3686	3373	3089	2818	2573	2339	RZR (m)	198	1,0	4,0	3,7	-0,2	-8,1	-20,3						
SPEED TIP PRO	9,7	650	V (m/s)	950	916	882	850	819	789	758	⊕	100m	-1,0	⊕	-2,1	-7,6	-16,8	-29,9	✓	✓	✓	✓	✓	+300m
240 70 07	150	0,479	E (J)	4377	4069	3773	3504	3253	3019	2787	RZR (m)	204	1,0	4,0	3,9	0,4	-6,7	-17,8						
EVOLUTION	10,3	650	V (m/s)	870	831	794	757	721	686	653	⊕	100m	-0,7	⊕	-3,2	-10,6	-22,8	-40,2	✓	✓	✓	✓	✓	280m
231 65 30	159	0,399	E (J)	3898	3556	3247	2951	2677	2424	2196	RZR (m)	181	1,3	4,0	2,9	-2,5	-12,7	-28,1						
KEGELSPITZ	10,5	650	V (m/s)	890	849	809	770	732	696	660	⊕	100m	-0,8	⊕	-3,0	-10,1	-21,7	-38,5	✓	✓	✓	✓	✓	250m
211 85 05	162	0,381	E (J)	4159	3784	3436	3113	2813	2543	2287	RZR (m)	184	1,2	4,0	3,0	-2,1	-11,7	-26,5						
ID CLASSIC	11,5	650	V (m/s)	840	798	757	717	678	640	604	⊕	100m	-0,6	⊕	-3,7	-12,2	-26,1	-45,9	✓	✓	✓	✓	✓	230m
211 84 91	177	0,356	E (J)	4057	3662	3295	2956	2643	2355	2098	RZR (m)	172	1,4	4,0	2,3	-4,2	-16,0	-33,9						

7 MM REM. MAG.

KEGELSPITZ	8,0	600	V (m/s)	965	908	854	801	751	702	655	⊕	100m	-1,0	⊕	-2,4	-8,6	-19,1	-34,6	✓	✓	✓	✓	✓	260m
211 75 68	123	0,290	E (J)	3725	3298	2917	2566	2256	1971	1716	RZR (m)	195	1,0	4,0	3,7	-0,5	-9,1	-22,6						
EVOLUTION GREEN ●	8,2	600	V (m/s)	950	908	868	828	790	753	716	⊕	100m	-1,0	⊕	-2,2	-8,1	-17,8	-31,9	✓	✓	✓	✓	✓	270m
231 83 21	127	0,392	E (J)	3700	3380	3089	2811	2559	2325	2102	RZR (m)	199	1,0	4,0	3,8	-0,1	-7,8	-19,9						
HIT ●	9,1	600	V (m/s)	900	861	824	787	752	717	683	⊕	100m	-0,8	⊕	-2,8	-9,5	-20,6	-36,4	✓	✓	✓	✓	✓	230m
231 88 46	140	0,409	E (J)	3673	3362	3079	2809	2565	2331	2116	RZR (m)	188	1,2	4,0	3,3	-1,5	-10,5	-24,4						
SPEED TIP PRO	9,7	600	V (m/s)	930	896	863	832	802	771	741	⊕	100m	-1,0	⊕	-2,3	-8,2	-17,9	-31,7	✓	✓	✓	✓	✓	300m
240 70 06	150	0,479	E (J)	4195	3894	3612	3357	3120	2883	2663	RZR (m)	199	1,0	4,0	3,7	-0,1	-7,8	-19,6						
EVOLUTION	10,3	600	V (m/s)	855	817	779	743	708	673	640	⊕	100m	-0,7	⊕	-3,4	-11,2	-23,9	-42,1	✓	✓	✓	✓	✓	270m
231 54 31	159	0,399	E (J)	3765	3438	3125	2843	2582	2333	2109	RZR (m)	177	1,3	4,0	2,6	-3,2	-14,0	-30,1						
KEGELSPITZ	10,5	600	V (m/s)	850	810	771	733	697	661	627	⊕	100m	-0,6	⊕	-3,5	-11,6	-24,7	-43,5	✓	✓	✓	✓	✓	250m
211 84 75	162	0,381	E (J)	3793	3445	3121	2821	2550	2294	2064	RZR (m)	175	1,4	4,0	2,5	-3,6	-14,7	-31,5						
ID CLASSIC	10,5	600	V (m/s)	865	818	772	728	685	644	604	⊕	100m	-0,7	⊕	-3,5	-11,6	-24,9	-44,2	✓	✓	✓	✓	✓	250m
211 85 80	162	0,325	E (J)	3928	3513	3129	2782	2463	2177	1915	RZR (m)	175	1,3	4,0	2,5	-3,6	-15,0	-32,2						
ID CLASSIC	11,5	600	V (m/s)	820	778	738	698	660	623	588	⊕	100m	-0,5	⊕	-4,0	-13,1	-27,8	-48,9	✓	✓	✓	✓	✓	220m
211 85 99	177	0,356	E (J)	3866	3480	3132	2801	2505	2232	1988	RZR (m)	168	1,5	4,0	2,0	-5,1	-17,8	-36,9						

7 x 64

Range of application is only a recommendation and is no substitute for personal experience. Our ballistic data were determined in test barrels. When firing ammunition from typical sporting rifles, there may be variances from these data. Cartridge illustrations are at a scale of 1:2.

BC = Ballistic Coefficient | V = Velocity | E = Energy | RZR = Recommended Zero Range | ● = Lead-Free | ● = Short Rifle

BULLET ITEM NUMBER	WEIGHT Gramms g Grains gr	Barrel Length mm BC	0m	50m	100m	150m	200m	250m	300m	⊕ RZR*	Recommend- ed Effective Range										180m				
											50m	100m	150m	200m	250m	300m	350m	400m	450m	500m		550m	600m		
UNI CLASSIC	11,7	600	V (m/s)	770	729	689	651	614	578	543	⊕	100m	-0,2	⊕	-5,0	-15,8	-33,1	-57,7	✓	✓	✓	✓	✓	✓	180m
211 91 96	181	0,350	E (J)	3468	3109	2777	2479	2205	1954	1725	RZR (m)	158	1,8	4,0	1,0	-7,7	-23,0	-45,7							
EVOLUTION	11,9	600	V (m/s)	750	711	674	638	602	569	536	⊕	100m	-0,1	⊕	-5,3	-16,7	-34,9	-60,6	✓	✓	✓	✓	✓	✓	270m
231 54 34	184	0,366	E (J)	3347	3008	2703	2422	2156	1926	1709	RZR (m)	155	1,9	4,0	0,7	-8,7	-24,8	-48,6							
EVOLUTION GREEN ●	9,0	600	V (m/s)	875	826	780	736	693	651	610	⊕	100m	-0,7	⊕	-3,3	-11,2	-24,2	-43,0	✓	✓	✓	✓	✓	✓	260m
240 86 42	139	0,318	E (J)	3445	3070	2738	2438	2161	1907	1674	RZR (m)	175	1,3	4,0	2,7	-3,2	-14,2	-31,0							
EVO GREEN SHORT RIFLE ●●	9,0	500	V (m/s)	881	835	791	748	706	666	627	⊕	100m	-0,7	⊕	-3,2	-10,8	-23,3	-41,3	✓	✓	✓	✓	✓	✓	-300m
241 17 85	139	0,338	E (J)	3493	3138	2816	2518	2243	1996	1769	RZR (m)	167	1,3	4,0	2,8	-2,7	-13,2	-29,3							
KEGELSPITZ	9,7	600	V (m/s)	900	847	796	747	700	655	611	⊕	100m	-0,8	⊕	-3,1	-10,6	-23,1	-41,3	✓	✓	✓	✓	✓	✓	230m
211 77 70	150	0,298	E (J)	3929	3479	3073	2706	2377	2081	1811	RZR (m)	181	1,2	4,0	2,9	-2,6	-13,1	-29,3							
ID CLASSIC	9,7	600	V (m/s)	915	862	812	763	716	671	627	⊕	100m	-0,8	⊕	-2,9	-10,0	-21,9	-39,2	✓	✓	✓	✓	✓	✓	250m
211 77 97	150	0,303	E (J)	4061	3604	3198	2824	2486	2184	1907	RZR (m)	185	1,2	4,0	3,2	-1,9	-11,8	-27,2							
NEW DRIVEN HUNT ●	10,7	600	V (m/s)	810	731	657	584	515	457	407	⊕	100m	-0,2	⊕	-5,5	-18,3	-40,6	-74,8	✓	✓	✓	✓	✓	✓	150m
242 62 74	165	0,185	E (J)	3510	2859	2309	1825	1419	1117	886	RZR (m)	152	1,8	4,0	0,5	-10,3	-30,5	-62,7							
NEW DRIVEN HUNT SH. RIFLE ●●	9,7	500	V (m/s)	821	734	653	573	499	439	388	⊕	100m	-0,2	⊕	-5,6	-18,8	-42,1	-78,2	✓	✓	✓	✓	✓	✓	200m
242 83 13	150	0,169	E (J)	3269	2613	2068	1592	1208	935	730	RZR (m)	151	1,8	4,0	0,4	-10,7	-32,0	-66,1							
HIT ●	10,7	600	V (m/s)	840	804	769	734	701	668	636	⊕	100m	-0,6	⊕	-3,6	-11,7	-24,8	-43,4	✓	✓	✓	✓	✓	✓	200m
231 88 43	165	0,420	E (J)	3775	3458	3164	2882	2629	2387	2164	RZR (m)	175	1,4	4,0	2,5	-3,6	-14,7	-31,3							
HIT SHORT RIFLE ●●	10,7	500	V (m/s)	840	804	769	734	701	668	636	⊕	100m	-0,6	⊕	-3,6	-11,7	-24,8	-43,4	✓	✓	✓	✓	✓	✓	200m
240 84 72	165	0,420	E (J)	3775	3458	3164	2882	2629	2387	2164	RZR (m)	173	1,3	3,9	2,3	-3,9	-15,0	-31,7							
KEGELSPITZ	10,7	600	V (m/s)	860	813	769	725	683	642	603	⊕	100m	-0,6	⊕	-3,5	-11,7	-25,2	-44,6	✓	✓	✓	✓	✓	✓	220m
211 78 00	165	0,329	E (J)	3957	3536	3164	2812	2496	2205	1945	RZR (m)	175	1,4	4,0	2,5	-3,6	-15,1	-32,5							
DOPPELKERN	10,7	600	V (m/s)	855	803	753	705	658	614	571	⊕	100m	-0,6	⊕	-3,7	-12,4	-26,8	-47,7	✓	✓	✓	✓	✓	✓	200m
211 78 51	165	0,293	E (J)	3911	3450	3033	2659	2316	2017	1744	RZR (m)	171	1,4	4,0	2,2	-4,4	-16,8	-35,7							
SPEED TIP PRO	10,7	600	V (m/s)	870	833	798	763	730	697	665	⊕	100m	-0,7	⊕	-3,1	-10,5	-22,4	-39,4	✓	✓	✓	✓	✓	✓	+300m
240 12 06	165	0,422	E (J)	4049	3712	3407	3115	2851	2599	2366	RZR (m)	182	1,3	4,0	2,9	-2,4	-12,3	-27,3							
SPEED TIP PRO SHORT RIFLE ●	10,7	500	V (m/s)	870	832	795	758	723	689	655	⊕	100m	-0,7	⊕	-3,2	-10,6	-22,7	-40,0	✓	✓	✓	✓	✓	✓	+300m
240 84 73	165	0,405	E (J)	4049	3703	3381	3074	2797	2540	2295	RZR (m)	179	1,2	3,9	2,7	-2,8	-13,0	-28,3							
UNI CLASSIC	11,7	600	V (m/s)	820	778	736	696	658	620	584	⊕	100m	-0,5	⊕	-4,1	-13,2	-28,0	-49,2	✓	✓	✓	✓	✓	✓	220m
211 92 18	181	0,350	E (J)	3934	3541	3169	2834	2533	2249	1995	RZR (m)	167	1,5	4,0	1,9	-5,3	-18,1	-37,3							
EVOLUTION	11,9	600	V (m/s)	810	770	730	692	655	620	585	⊕	100m	-0,4	⊕	-4,2	-13,5	-28,5	-50,0	✓	✓	✓	✓	✓	✓	240m
231 54 35	184	0,366	E (J)	3904	3528	3171	2849	2553	2287	2036	RZR (m)	166	1,6	4,0	1,8	-5,5	-18,6	-38,0							
UNI CLASSIC	13,0	600	V (m/s)	770	732	695	660	625	592	560	⊕	100m	-0,2	⊕	-4,9	-15,4	-32,2	-56,0	✓	✓	✓	✓	✓	✓	170m
231 47 03	201	0,380	E (J)	3854	3483	3140	2831	2539	2278	2038	RZR (m)	159	1,8	4,0	1,1	-7,4	-22,2	-44,0							

.308 Win.**.30-06**

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BC = Ballistic Coefficient | V = Velocity | E = Energy | RZR = Recommended Zero Range | ● = Lead-Free | ●● = Short Rifle

BULLET ITEM NUMBER	WEIGHT Gramms g Grains gr	Barrel Length mm BC											RZR*											Recommend- ed Effective Range
			0m	50m	100m	150m	200m	250m	300m	50m	100m	150m		200m	250m	300m								



.30 R BLASER



EVOLUTION GREEN ●	9,0	600	V (m/s)	933	882	834	789	745	701	658	⊕	100m	-0,9	⊕	-2,6	-9,2	-20,1	-36,1	✓	✓	✓	✓	✓	280m
240 86 46	139	0,319	E (J)	3917	3501	3130	2801	2498	2211	1948	RZR (m)	190	1,1	4,0	3,4	-1,1	-10,0	-24,0						
DOPPELKERN	10,7	600	V (m/s)	870	817	767	718	671	626	583	⊕	100m	-0,7	⊕	-3,5	-11,8	-25,6	-45,6	✓	✓	✓	✓	✓	210m
211 78 94	165	0,293	E (J)	4049	3571	3147	2758	2409	2097	1818	RZR (m)	174	1,3	4,0	2,5	-3,8	-15,6	-33,7						
UNI CLASSIC	11,7	600	V (m/s)	860	816	774	733	693	654	617	⊕	100m	-0,7	⊕	-3,4	-11,5	-24,6	-43,5	✓	✓	✓	✓	✓	240m
211 78 35	181	0,350	E (J)	4327	3895	3505	3143	2809	2502	2227	RZR (m)	176	1,4	4,0	2,6	-3,4	-14,6	-31,4						
EVOLUTION	11,9	600	V (m/s)	840	799	759	720	682	645	610	⊕	100m	-0,6	⊕	-3,7	-12,1	-25,8	-45,5	✓	✓	✓	✓	✓	270m
231 61 40	184	0,366	E (J)	4198	3798	3428	3084	2767	2475	2214	RZR (m)	172	1,4	4,0	2,3	-4,2	-15,9	-33,5						

.300 WIN. MAG.

NEW



EVOLUTION GREEN ●	9,0	650	V (m/s)	1014	961	911	865	819	773	729	⊕	100m	-1,2	⊕	-1,8	-6,8	-15,6	-28,4	✓	✓	✓	✓	✓	300m
240 86 43	139	0,326	E (J)	4627	4156	3735	3367	3018	2689	2391	RZR (m)	208	0,8	3,8	4,0	0,8	-5,9	-16,9						
DRIVEN HUNT ●	10,7	650	V (m/s)	924	829	740	656	577	505	442	⊕	100m	-0,7	⊕	-3,8	-13,4	-30,4	-57,3	✓	✓	✓	✓	✓	150m
242 62 75	165	0,165	E (J)	4568	3677	2930	2302	1781	1364	1045	RZR (m)	168	1,3	4,0	2,2	-5,3	-20,4	-45,3						
HIT ●	10,7	650	V (m/s)	950	911	873	837	801	766	733	⊕	100m	-1,0	⊕	-2,2	-7,9	-17,4	-31,2	✓	✓	✓	✓	✓	300m
231 88 44	165	0,420	E (J)	4828	4440	4077	3748	3433	3139	2874	RZR (m)	201	1,0	4,0	3,8	0,1	-7,4	-19,1						
HIT SHORT RIFLE ● ●	10,7	500	V (m/s)	950	911	873	836	800	765	731	⊕	100m	-1,0	⊕	-2,2	-7,9	-17,5	-31,2	✓	✓	✓	✓	✓	+300m
240 84 74	165	0,420	E (J)	4828	4440	4077	3739	3424	3131	2859	RZR (m)	199	0,9	3,9	3,7	-0,1	-7,7	-19,4						
KEGELSPITZ	10,7	650	V (m/s)	920	871	824	779	735	693	652	⊕	100m	-0,9	⊕	-2,7	-9,5	-20,9	-37,3	✓	✓	✓	✓	✓	270m
211 76 49	165	0,329	E (J)	4528	4059	3633	3247	2890	2569	2274	RZR (m)	188	1,1	4,0	3,3	-1,5	-10,8	-25,3						
DOPPELKERN	10,7	650	V (m/s)	940	885	832	780	731	684	638	⊕	100m	-0,9	⊕	-2,6	-9,3	-20,5	-37,1	✓	✓	✓	✓	✓	240m
211 78 78	165	0,293	E (J)	4727	4190	3703	3255	2859	2503	2178	RZR (m)	189	1,1	4,0	3,4	-1,3	-10,6	-25,1						
SPEED TIP PRO	10,7	650	V (m/s)	978	935	893	854	816	777	739	⊕	100m	-1,1	⊕	-2,0	-7,3	-16,3	-29,4	✓	✓	✓	✓	✓	+300m
240 12 20	165	0,386	E (J)	5117	4677	4266	3902	3562	3230	2922	RZR (m)	206	0,9	4,0	4,0	0,6	-6,4	-17,5						
UNI CLASSIC	11,7	650	V (m/s)	910	865	821	778	737	697	658	⊕	100m	-0,9	⊕	-2,8	-9,6	-21,0	-37,4	✓	✓	✓	✓	✓	300m
211 76 57	181	0,350	E (J)	4844	4377	3943	3541	3178	2842	2533	RZR (m)	187	1,1	4,0	3,2	-1,6	-11,0	-25,4						
EVOLUTION	11,9	650	V (m/s)	900	857	815	774	735	697	660	⊕	100m	-0,8	⊕	-2,9	-9,8	-21,4	-37,9	✓	✓	✓	✓	✓	300m
231 54 33	184	0,366	E (J)	4820	4370	3952	3565	3214	2891	2592	RZR (m)	186	1,2	4,0	3,2	-1,8	-11,3	-25,8						

.300 WSM



EVOLUTION	11,9	600	V (m/s)	880	837	796	756	717	680	643	⊕	100m	-0,7	⊕	-3,1	-10,5	-22,8	-40,3	✓	✓	✓	✓	✓	300m
231 57 41	184	0,366	E (J)	4608	4168	3770	3401	3059	2751	2460	RZR (m)	181	1,2	4,0	2,9	-2,6	-12,8	-28,3						

8 x 57 JS



NEW

EVOLUTION GREEN ●	9,0	600	V (m/s)	920	871	824	778	734	691	650	⊕	100m	-0,9	⊕	-2,7	-9,5	-20,9	-37,4	✓	✓	✓	✓	✓	250m
231 83 27	139	0,327	E (J)	3809	3414	3055	2724	2424	2149	1901	RZR (m)	188	1,1	4,0	3,3	-1,5	-10,8	-25,3						
SPEED TIP PRO	11,7	600	V (m/s)	770	733	698	664	630	598	567	⊕	100m	-0,2	⊕	-4,8	-15,2	-31,8	-55,3	✓	✓	✓	✓	✓	270m
241 00 16	180	0,394	E (J)	3458	3134	2842	2572	2315	2086	1875	RZR (m)	153	1,8	4,0	1,2	-7,2	-21,8	-43,2						
DRIVEN HUNT ●	10,4	600	V (m/s)	783	699	621	548	481	421	372	⊕	100m	0,0	⊕	-6,4	-21,1	-46,6	-86,2	✓	✓	✓	✓	✓	100m
242 89 47	160	0,170	E (J)	3188	2541	2005	1562	1203	922	720	RZR (m)	146	2,0	4,0	-0,5	-13,2	-36,6	-74,2						

Range of application is only a recommendation and is no substitute for personal experience. Our ballistic data were determined in test barrels. When firing ammunition from typical sporting rifles, there may be variances from these data. Cartridge illustrations are at a scale of 1:2.

BC = Ballistic Coefficient | V = Velocity | E = Energy | RZR = Recommended Zero Range | ● = Lead-Free | ● = Short Rifle

BULLET ITEM NUMBER	WEIGHT Gramms g Grains gr	Barrel Length mm BC	V (m/s)	0m	50m	100m	150m	200m	250m	300m	⊕ RZR*	50m	100m	150m	200m	250m	300m	Recommend- ed Effective Range						
				E (J)		E (J)	E (J)	E (J)	E (J)	E (J)	E (J)	E (J)												
9,3 x 62																								
EVOLUTION GREEN ●	11,9	600	V (m/s)	900	849	801	754	708	665	623	⊕	100m	-0,8	⊕	-3,0	-10,4	-22,7	-40,5	✓	✓	✓	✓	✓	240m
231 83 28	184	0,312	E (J)	4820	4289	3818	3383	2983	2631	2309	RZR (m)	182	1,2	4,0	3,0	-2,4	-12,7	-28,5						
DOPPELKERN	14,6	600	V (m/s)	805	750	697	646	598	552	508	⊕	100m	-0,3	⊕	-4,7	-15,4	-32,9	-58,6		✓	✓	✓	✓	180m
211 81 65	225	0,266	E (J)	4731	4106	3546	3046	2611	2224	1884	RZR (m)	160	1,7	4,0	1,3	-7,3	-22,8	-46,5						
KEGELSPITZ	16,0	600	V (m/s)	750	706	663	622	583	545	509	⊕	100m	0,0	⊕	-5,6	-17,5	-36,6	-64,1	✓	✓	✓	✓	✓	180m
211 81 81	247	0,320	E (J)	4500	3987	3517	3095	2719	2376	2073	RZR (m)	153	2,0	4,0	0,5	-9,5	-26,6	-52,0						
NEW																								
DRIVEN HUNT SH. RIFLE ● ●	16,2	500	V (m/s)	704	654	607	560	516	475	438	⊕	100m	0,4	⊕	-7,1	-22,0	-46,2	-81,3	✓	✓	✓			110m
243 07 81	250	0,273	E (J)	4014	3464	2984	2540	2157	1828	1554	RZR (m)	143	2,4	4,0	-1,1	-14,0	-36,2	-69,4						
NEW																								
DRIVEN HUNT ●	16,2	600	V (m/s)	690	641	594	548	504	465	429	⊕	100m	0,5	⊕	-7,5	-23,1	-48,6	-85,4	✓	✓	✓			110m
243 07 79	250	0,273	E (J)	3856	3328	2858	2432	2058	1751	1491	RZR (m)	141	2,5	4,0	-1,5	-15,1	-38,6	-73,4						
HIT ●	16,2	600	V (m/s)	765	729	693	660	628	597	566	⊕	100m	-0,2	⊕	-4,9	-15,5	-32,3	-55,9		✓	✓	✓	✓	160m
231 94 68	250	0,395	E (J)	4742	4306	3891	3529	3195	2888	2596	RZR (m)	159	1,8	4,0	1,1	-7,4	-22,2	-43,8						
HIT SHORT RIFLE ● ●	16,2	500	V (m/s)	770	734	698	665	633	601	571	⊕	100m	-0,2	⊕	-4,8	-15,2	-31,7	-55,0		✓	✓	✓	✓	200m
240 84 76	250	0,395	E (J)	4804	4365	3948	3583	3247	2927	2642	RZR (m)	159	1,8	3,9	1,1	-7,3	-21,8	-43,1						
SPEED TIP PRO	16,7	600	V (m/s)	776	745	716	687	659	631	604	⊕	100m	-0,3	⊕	-4,5	-14,2	-29,5	-51,1	✓	✓	✓	✓	✓	250m
241 00 82	258	0,474	E (J)	5028	4634	4281	3941	3626	3325	3046	RZR (m)	161	1,7	4,0	1,5	-6,1	-19,5	-39,0						
EVOLUTION	18,8	600	V (m/s)	690	656	624	592	561	531	503	⊕	100m	0,4	⊕	-6,7	-20,3	-41,8	-72,0	✓	✓	✓	✓	✓	190m
231 54 36	290	0,400	E (J)	4475	4045	3660	3294	2958	2650	2378	RZR (m)	145	2,3	3,9	-0,7	-12,4	-31,9	-60,2						
UNI CLASSIC	19,0	600	V (m/s)	690	661	633	605	578	552	527	⊕	100m	0,3	⊕	-6,4	-19,6	-40,1	-68,7	✓	✓	✓	✓	✓	160m
211 92 42	293	0,465	E (J)	4523	4151	3807	3477	3174	2895	2638	RZR (m)	147	2,3	4,0	-0,4	-11,6	-30,1	-56,6						
9,3 x 64																								
EVOLUTION GREEN ●	11,9	650	V (m/s)	970	917	866	816	769	723	679	⊕	100m	-1,0	⊕	-2,2	-8,2	-18,2	-33,0	✓	✓	✓	✓	✓	300m
240 11 28	184	0,312	E (J)	5598	5003	4462	3962	3519	3110	2743	RZR (m)	198	1,0	4,0	3,8	-0,2	-8,2	-21,0						
UNI CLASSIC	19,0	650	V (m/s)	765	734	704	674	646	618	591	⊕	100m	-0,2	⊕	-4,7	-14,9	-30,9	-53,3		✓	✓	✓	✓	190m
211 92 50	293	0,465	E (J)	5560	5118	4708	4316	3965	3628	3318	RZR (m)	160	1,8	4,0	1,2	-7,0	-21,0	-41,5						
9,3 x 74 R																								
EVOLUTION GREEN ●	11,9	600	V (m/s)	885	835	787	740	695	652	611	⊕	100m	-0,7	⊕	-3,2	-10,9	-23,8	-42,4	✓	✓	✓	✓	✓	240m
231 83 29	184	0,312	E (J)	4660	4148	3685	3258	2874	2529	2221	RZR (m)	179	1,3	4,0	2,8	-2,9	-13,7	-30,3						
KEGELSPITZ	16,0	600	V (m/s)	740	696	654	613	574	537	501	⊕	100m	0,0	⊕	-5,8	-18,1	-37,9	-66,2	✓	✓	✓	✓	✓	160m
211 82 97	247	0,320	E (J)	4381	3975	3422	3006	2636	2307	2008	RZR (m)	151	2,0	4,0	0,2	-10,2	-28,0	-54,3						
HIT ●	16,2	600	V (m/s)	719	675	633	593	555	518	482	⊕	100m	0,2	⊕	-6,3	-19,6	-40,9	-71,4	✓	✓	✓	✓	✓	150m
231 94 67	250	0,314	E (J)	4187	3691	3246	2848	2495	2173	1882	RZR (m)	148	2,2	4,0	-0,3	-11,6	-30,9	-59,3						
TEILMANTEL RUND	18,5	600	V (m/s)	680	637	596	556	518	482	449	⊕	100m	0,5	⊕	-7,4	-22,9	-47,4	-82,7	✓	✓	✓	✓	✓	160m
211 82 70	286	0,309	E (J)	4277	3753	3286	2860	2482	2149	1865	RZR (m)	141	2,5	4,0	-1,5	-14,9	-37,5	-70,7						
EVOLUTION	18,8	600	V (m/s)	665	632	600	569	539	510	483	⊕	100m	0,6	⊕	-7,4	-22,4	-45,8	-78,7	✓	✓	✓	✓	✓	180m
231 54 37	290	0,400	E (J)	4157	3755	3384	3043	2731	2445	2193	RZR (m)	141	2,5	3,9	-1,5	-14,5	-36,0	-66,9						
UNI CLASSIC	19,0	600	V (m/s)	675	646	618	591	565	539	514	⊕	100m	0,4	⊕	-6,9	-20,8	-42,3	-72,4	✓	✓	✓	✓	✓	140m
211 92 77	293	0,465	E (J)	4328	3965	3628	3318	3033	2760	2510	RZR (m)	144	2,4	4,0	-0,9	-12,9	-32,5	-60,5						

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BC = Ballistic Coefficient | V = Velocity | E = Energy | RZR = Recommended Zero Range | ● = Lead-Free | ● = Short Rifle

BULLET ITEM NUMBER	WEIGHT Gramms g	Barrel Length mm	BC	0m 50m 100m 150m 200m 250m 300m								⊕ RZR*	50m 100m 150m 200m 250m 300m								Recommend- ed Effective Range			
				V (m/s)	E (J)	V (m/s)	E (J)	V (m/s)	E (J)	V (m/s)	E (J)		V (m/s)	E (J)	V (m/s)	E (J)	V (m/s)	E (J)	V (m/s)	E (J)				
SPEED TIP PRO	16,2	650	V (m/s)	875	847	821	795	769	743	718	⊕	100m	-0,8	⊕	-2,8	-9,6	-20,5	-35,8	✓	✓	✓	✓	+300m	
240 38 63	250	0,566	E (J)	6202	5811	5460	5119	4790	4472	4176	RZR (m)	187	1,2	4,0	3,1	-1,6	-10,5	-23,8						
UNI CLASSIC	19,5	650	V (m/s)	780	737	695	654	615	578	542	⊕	100m	-0,2	⊕	-4,8	-15,5	-32,6	-57,0	✓	✓	✓	✓	140m	
211 83 78	301	0,334	E (J)	5932	5296	4709	4170	3688	3257	2864	RZR (m)	159	1,8	4,0	1,2	-7,4	-22,5	-45,0						
HIT	●	13,0	650	V (m/s)	905	846	790	738	688	639	592	⊕	100m	-0,8	⊕	-3,2	-10,8	-23,7	-42,5	✓	✓	✓	✓	230m
240 42 55	201	0,268	E (J)	5324	4652	4057	3540	3077	2654	2278	RZR (m)	180	1,2	4,0	2,8	-2,8	-13,7	-30,6						
EVOLUTION GREEN	●	13,5	650	V (m/s)	900	842	788	736	685	636	588	⊕	100m	-0,8	⊕	-3,2	-10,9	-23,9	-42,9	✓	✓	✓	✓	300m
240 29 19	208	0,271	E (J)	5468	4786	4191	3656	3167	2730	2334	RZR (m)	179	1,2	4,0	2,8	-2,9	-13,9	-31,0						

.338 LAPUA MAG.



.375 H&H MAG.



10,3 x 68 MAG.



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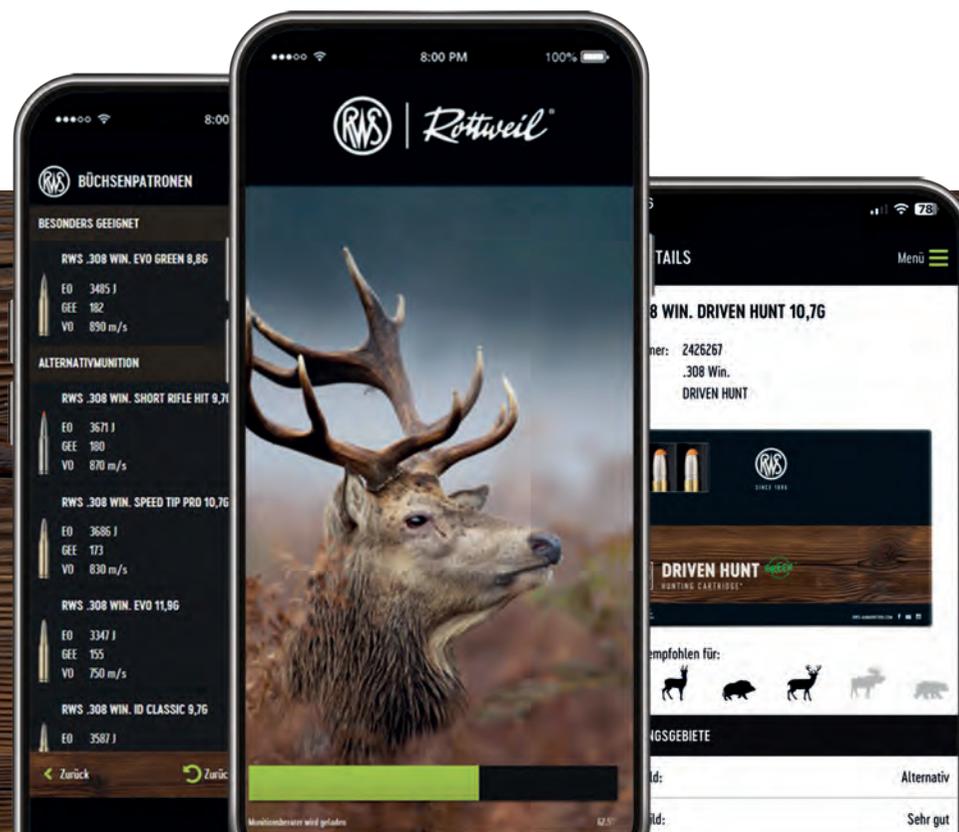
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TARGET ELITE PLUS MATCH CARTRIDGE

BULLET ITEM NUMBER	WEIGHT Grams g Grains gr	Barrel Length mm BC											RZR*						
			0m	50m	100m	150m	200m	250m	300m	50m	100m	150m		200m	250m	300m			
.223 Rem.																			
SCORION	3,4	600	V [m/s]	1056	966	882	799	720	645	577	⊕	100m	-1,2	⊕	-2,0	-7,8	-18,5	-35,1	
241 16 33	52	0,195	E [J]	1896	1586	1322	1085	881	707	566	RZR (m)	164m	0,8	4,0	4,0	0,2	-8,5	-23,1	
SCORION	4,5	600	V [m/s]	855	800	747	693	643	596	553	⊕	100m	-0,6	⊕	-3,8	-12,8	-27,7	-49,6	
241 18 68	69	0,276	E [J]	1645	1440	1256	1081	930	799	688	RZR (m)	169m	1,4	4,0	2,2	-4,8	-17,8	-37,7	
SCORION	5,0	600	V [m/s]	785	746	708	672	637	602	569	⊕	100m	-0,3	⊕	-4,6	-14,6	-30,7	-53,6	
240 38 68	77	0,373	E [J]	1541	1391	1253	1129	1014	906	809	RZR (m)	162m	1,7	4,0	1,4	-6,6	-20,7	-41,6	
6,5 Creedmoor																			
SCORION	8,4	610	V [m/s]	869	841	813	786	759	733	708	⊕	100m	-0,3	⊕	-3,4	-10,9	-22,5	-38,8	
240 97 62	130	0,548	E [J]	3173	2970	2777	2595	2422	2259	2104	RZR (m)	178m	1,7	4,0	2,5	-2,9	-12,6	-26,8	
SCORION	9,3	600	V [m/s]	830	806	782	759	736	713	691	⊕	100m	-0,1	⊕	-3,9	-12,1	-24,7	-42,2	
242 66 58	143	0,635	E [J]	3194	3011	2836	2670	2511	2359	2215	RZR (m)	178m	1,9	4,0	2,2	-4,0	-14,6	-30,1	
6,5 x 55 SE																			
SCORION	8,4	740	V [m/s]	830	803	776	749	723	698	673	⊕	100m	-0,1	⊕	-4,0	-12,3	-25,4	-43,4	
240 97 61	130	0,548	E [J]	2895	2706	2528	2358	2198	2046	1903	RZR (m)	168m	1,8	3,8	1,8	-4,6	-15,7	-31,9	
SCORION	9,3	740	V [m/s]	810	786	763	740	717	695	673	⊕	100m	-0,1	⊕	-4,2	-12,9	-26,3	-44,85	
242 66 59	143	0,635	E [J]	3042	2866	2698	2538	2385	2240	2101	RZR (m)	178m	2,0	4,0	1,8	-4,9	-16,4	-32,9	
.308 Win.																			
SCORION	10,0	600	V [m/s]	890	852	815	779	744	709	676	⊕	100m	-0,8	⊕	-2,9	-9,8	-21,2	-37,5	
240 86 32	154	0,412	E [J]	3961	3630	3321	3034	2768	2513	2285	RZR (m)	184m	1,1	3,9	3,0	-2,0	-11,4	-25,7	
SCORION	10,9	600	V [m/s]	810	776	743	711	680	649	620	⊕	100m	-0,5	⊕	-4,0	-12,8	-27,0	-47,0	
240 38 67	168	0,438	E [J]	3576	3282	3009	2755	2520	2296	2095	RZR (m)	169m	1,5	4,0	2,0	-4,8	-16,9	-34,9	
NEW SCORION	12,3	650	V [m/s]	796	768	741	713	687	661	636	⊕	100m	-0,4	⊕	-4,0	-12,9	-27,0	-46,7	
240 86 33	190	0,528	E [J]	3897	3627	3377	3126	2903	2687	2488	RZR (m)	167m	1,5	3,9	1,8	-5,1	-17,2	-35,0	
.300 Win. Mag.																			
SCORION	11,3	650	V [m/s]	932	899	867	836	806	777	747	⊕	100m	-1,0	⊕	-2,3	-8,1	-17,6	-31,3	
241 16 81	175	0,498	E [J]	4908	4566	4247	3949	3670	3411	3153	RZR (m)	188m	1,0	4,0	3,8	0,0	-7,6	-19,2	
SCORION	12,3	650	V [m/s]	875	846	817	789	761	734	707	⊕	100m	-0,8	⊕	-2,9	-9,7	-20,8	-36,4	
240 38 66	190	0,530	E [J]	4709	4402	4105	3829	3562	3313	3074	RZR (m)	186m	1,2	4,0	3,1	-1,7	-10,8	-24,4	
.338 Lapua Mag.																			
SCORION	16,2	650	V [m/s]	860	836	812	789	764	741	719	⊕	100m	-0,7	⊕	-3,0	-9,9	-21,0	-36,6	
241 16 80	250	0,639	E [J]	5991	5661	5341	5042	4728	4448	4187	RZR (m)	185m	1,3	4,0	3,0	-1,3	-11,0	-24,6	
SCORION	19,4	650	V [m/s]	780	759	739	719	699	680	661	⊕	100m	-0,4	⊕	-4,1	-13,0	-26,9	-46,1	
240 51 20	300	0,708	E [J]	5901	5588	5297	5015	4739	4485	4238	RZR (m)	168m	1,6	4,0	1,9	-4,9	-16,8	-34,0	

Range of application is only a recommendation and is no substitute for personal experience. Our ballistic data were determined in test barrels. When firing ammunition from typical sporting rifles, there may be variances from these data. Cartridge illustrations are at a scale of 1:2.

BC = Ballistic Coefficient | V = Velocity | E = Energy | RZR = Recommended Zero Range





CINESHOT TRAINING



CALIBRE	ITEM NO.	GRAMM / GRAIN
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7 x 64 CINESHOT LEADFREE	242 95 69	6,5g / 100gr
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.308 CINESHOT LEADFREE	242 95 64	7,0g / 108gr
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.30-06 CINESHOT LEADFREE	242 95 63	7,0g / 108gr
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.300 Win. Mag. CINESHOT LEADFREE	242 95 65	7,0g / 108gr
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8 x 57 JS CINESHOT LEADFREE	242 95 66	8,6g / 136gr
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9,3 x 62 CINESHOT LEADFREE	242 95 67	9,1g / 140gr
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7 x 64 CINESHOT	241 29 65	9,0g / 139gr
-----------------	-----------	--------------

.308 CINESHOT	241 29 67	9,5g / 147gr
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.30-06 CINESHOT	241 29 62	9,5g / 147gr
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.300 Win. Mag. CINESHOT	241 29 63	9,5g / 147gr
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8 x 57 JS CINESHOT	241 29 64	12,1g / 187gr
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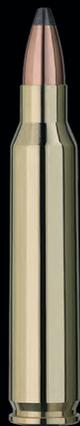
9,3 x 62 CINESHOT	241 29 66	12,7g / 196gr
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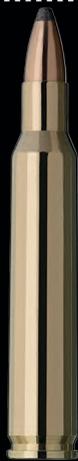
.22 HORNET
Teilmantel Spitz 3,0g



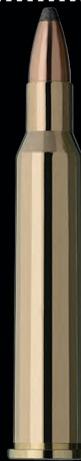
.222 REM.
Match Jagd 3,4g



.223 REM.
Teilmantel Spitz 3,6g



5,6 x 50 MAG.
Teilmantel Spitz 4,1g



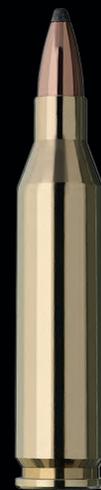
5,6 x 50 R MAG.
Teilmantel Spitz 4,1g



5,6 x 52 R
Teilmantel Spitz 4,6g



5,6 x 57
Kegelspitz 4,8g



.243 Win.
Teilmantel Spitz 6,5g



6,5 Creedmoor
Target Elite Plus 8,4g



6,5 x 55 SE
HIT 7,8g



6,5 x 57
Doppelkern 9,1g



.270 Win.
HIT 8,4g



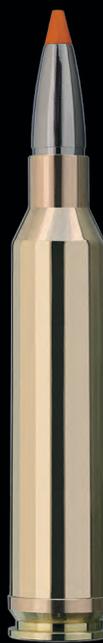
.270 WSM
HIT 8,4g



7 x 57
ID Classic 10,5g



7 x 57 R
Evolution Green 8,2g



7mm Rem. Mag.
HIT 9,1g



7 x 64
Speed Tip Professional 9,7g



7 x 65 R
Evolution Green 8,2g



.308 Win.
Driven Hunt 10,7g



.30-06 SHORT RIFLE
Speed Tip Professional 10,7g



.30 R Blaser
UNI Classic 11,7g

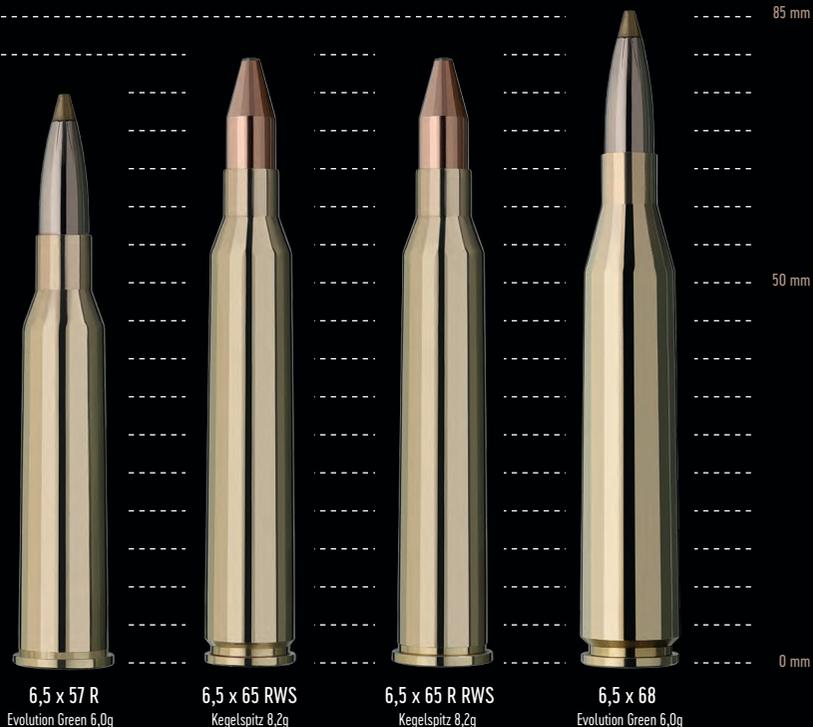


.300 Win. Mag.
Doppelkern 10,7g

CARTRIDGE PARADE

No Two Calibres Alike

The RWS centerfire rifle cartridge portfolio is huge! Have a look and see if you can find your caliber and whether your favorite bullet is among them. And? How does your calibre perform compared to the others? All cartridges are illustrated at a scale of 1:1.

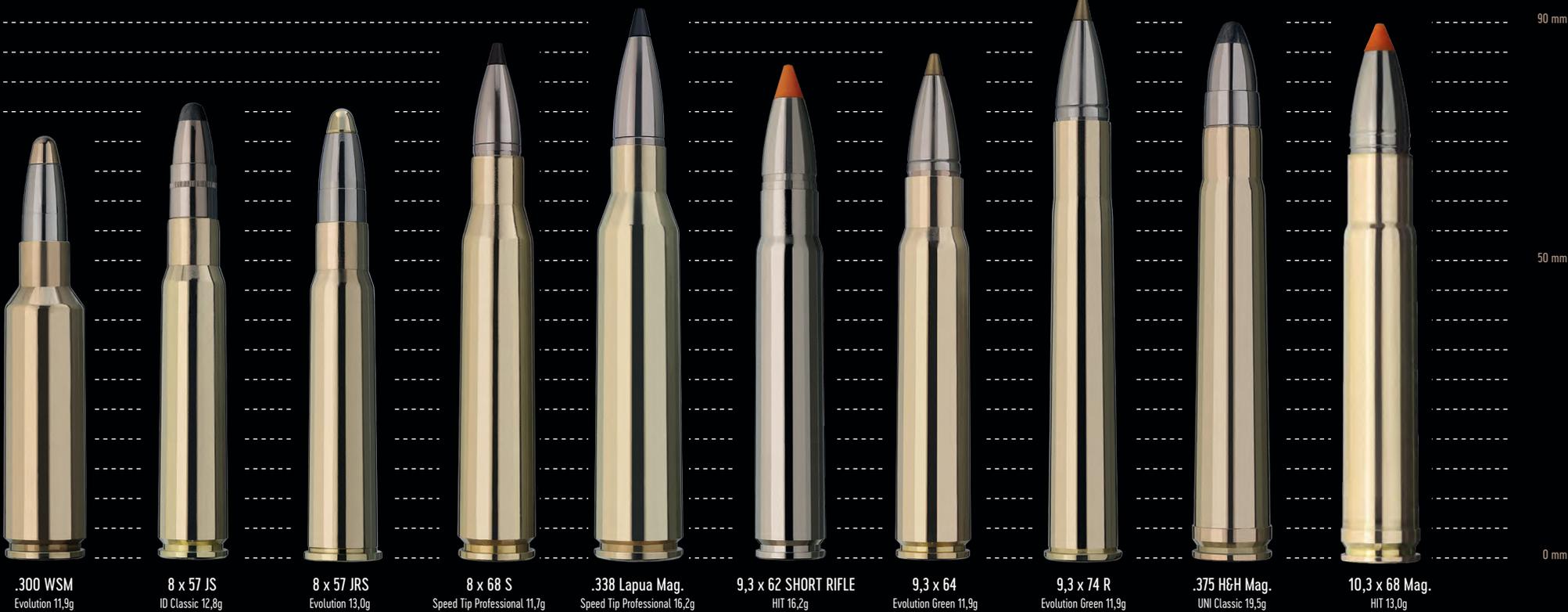


6,5 x 57 R
Evolution Green 6,0g

6,5 x 65 RWS
Kegelspitz 8,2g

6,5 x 65 R RWS
Kegelspitz 8,2g

6,5 x 68
Evolution Green 6,0g



.300 WSM
Evolution 11,9g

8 x 57 JS
ID Classic 12,8g

8 x 57 JRS
Evolution 13,0g

8 x 68 S
Speed Tip Professional 11,7g

.338 Lapua Mag.
Speed Tip Professional 16,2g

9,3 x 62 SHORT RIFLE
HIT 16,2g

9,3 x 64
Evolution Green 11,9g

9,3 x 74 R
Evolution Green 11,9g

.375 H&H Mag.
UNI Classic 19,5g

10,3 x 68 Mag.
HIT 13,0g





SUSTAINABILITY IN THE HIGHLANDS

Selective Deer Hunting



The Scottish Highlands with their treeless moors, green hills and rugged rock formations are not only one of the oldest and most beautiful landscapes in Europe, they are also extremely attractive as a hunting destination. Red deer in particular, which are found in large numbers almost everywhere, are hunted here.

In November, the deer in Scotland enjoy the closed season. Thus, the focus is on the fallow deer – mainly old and weak adult animals and the calves that accompany them. Sustainable and humane hunting is very important in the northernmost country of Great Britain. The decision as to which animal should be taken down is up to the experienced professional hunters.

Although the terrain is very open with sparse vegetation, the landscape provides ideal cover for the game. Traditionally,

only stalking is used – there is no high-seat hunting in the Highlands – and it is not uncommon for larger shooting distances needing to be bridged. So you need a cartridge with which exact, precise shots are possible even at long distances and which is characterised by an outstanding instantaneous effect.

Against the background of the trend towards weapons with short barrels and silencers – by the way, silencers have been standard equipment in Scotland for many years – RWS has developed the SHORT RIFLE, which is specially optimised for use with short barrels. Practically speaking, this means that shooting a short-barrelled rifle no longer means giving up long barrel performance. Let the next autumn fallow deer hunt begin. Waidmannsheil!



#rws hunting



RELOADING

Do-It-Yourself is Trending

There are many reasons to load your own ammunition. Reloading saves money, improves accuracy, and enables shooters and hunters to improve their marksmanship.

Handloading, or reloading, i.e. the tailoring of a cartridge to meet your needs, opens completely new horizons and gives keen insights into the world of ballistics. RWS offers first-class components that enable you to fit the cartridge to your exact application. Regardless whether you are a competitive shooter, long range marksman or hunter, RWS makes reloading fun and guarantees the highest level of success.

**INDIVIDUALISE
& SAVE MONEY**





“Reloading with RWS components means experimenting until you find the very best ballistic performance of a cartridge. This can take a toll on your time and sometimes your nerves! That is why RWS, in addition to producing premium quality components, now increases reloading comfort. The new packaging for RWS premium cases and RWS premium bullets can now be stacked, slide open for easy access and still offer room for personal notes on your loading data. That makes reloading fun.”

#reloadingworld

BULLETS

With more than 11 hunting bullet designs and countless others for sporting and government applications, RWS has the widest variety of bullet designs in the world. The manufacture of our specialty bullets involves far more than just joining a jacket with a core. RWS has installed a highly complex machine park in order to manufacture the necessary variety of bullets in outstanding quality. The most modern technology enables the optimal formation of bullet surface and core, while at the same time every manufacturing step is inspected for adherence to tolerances.

CASES

The case is the heart of the cartridge. Dimensional accuracy, safety and reloadability are only a few of the criteria that the conscientious reloader should demand from a case in order to achieve maximum performance. RWS cases offer all that and more. The tightest of tolerances, constant quality assurance during manufacture and the highest expectations from ourselves make RWS cases the best in the world. This is reflected in the large number of times a case can be reloaded. With RWS cases, reloading is not only fun but saves money as well.

PROPELLANT

RWS offers an appropriate powder for every application. Whether it is fast- or slow-burning powder, RWS cooperates closely with renowned propellant manufacturers to offer a suitable powder for every application. We devote special

attention to testing every powder lot in our own chemical laboratory to guarantee the highest possible quality.

PRIMERS

The primer is the smallest and most unremarkable component in the entire ammunition system. Yet it earns our very special attention since, without the primer, nothing happens. Primers are produced in an extremely modern manufacturing facility. The primer is formulated to such a fine sensitivity that ignition with a suitably deep and centered firing pin impact is a 100% certainty. For a guaranteed ignition.

The RWS reloading manual has been digitized and contains practical tips and up-to-date load data. You can find it at www.rws-ammunition.com/reloading (German language only).

THE FORMATION OF A CASE

Centerfire rifle cartridge cases must endure pressures of up to 7000 bar and are considered by experts to be life insurance for the shooter. In order for you to always remain on the safe side, we have developed the most demanding test in the industry.



CASES

CALIBRE	ITEM NUMBER	PCS. / PACKAGE
.222 Rem.	241 27 01	200
.223 Rem.	241 27 02	200
5,6 x 57	242 51 98	100
6,5 Creedmoor	243 07 30	100
6,5 x 55 SE	241 23 55	100
6,5 x 57	241 23 54	100
6,5 x 57 R	241 23 56	100
6,5 x 68	242 52 15	100
.243 Win.	241 23 70	100
.270 Win.	241 23 71	100
7 x 57	241 26 99	100
7 x 57 R	241 27 00	100
7 x 64	241 23 75	100
7 x 65 R	241 23 76	100
.30-06	241 26 97	100
.30-06 NICKEL	241 69 93	100
.308 Win.	241 23 72	100
.308 Win. NICKEL	241 69 94	100
.30 R Blaser	242 52 22	100
.300 Win. Mag.	242 52 23	100
8 x 57 JS	241 23 78	100
8 x 57 JRS	241 23 79	100
8 x 68 S	242 52 27	100
9,3 x 62	241 23 82	100
9,3 x 64	242 52 30	50
9,3 x 74 R	242 52 31	50
.375 H&H Mag.	242 52 32	50
.338 Lap. Mag.	242 52 28	50



BULLETS

CALIBRE	ITEM NUMBER	GRAMMS / GRAINS	DIAMETER
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CALIBRE 5,6 mm

MATCH JAGD 100 / 1000 St.	214 57 82 / 214 68 43	3,0g / 46gr	.224
SCORION	231 33 43	3,4g / 52gr	.224
TEILMANTEL SPITZ	214 59 60	3,6g / 55gr	.224
TEILMANTEL SPITZ	214 57 90	4,1g / 63gr	.224
SCORION	242 16 39	4,5g / 69gr	.224
KEGELSPITZ	214 62 31	4,8g / 74gr	.224
TEILMANTEL SPITZ	214 56 42	4,6g / 71gr	.228

CALIBRE 6,5 mm

EVOLUTION GREEN ●	240 74 46	6,0g / 93gr	.264
KEGELSPITZ	214 64 60	8,2g / 127gr	.264
SCORION	241 86 00	8,4g / 130gr	.264
DOPPELKERN	231 14 63	9,1g / 140gr	.264
SPEED TIP PROFESSIONAL	242 37 41	9,1g / 140gr	.264
SCORION	242 66 60	9,3g / 143gr	.264

CALIBRE 7 mm

KEGELSPITZ	214 62 90	8,0g / 123gr	.284
EVOLUTION GREEN ●	231 85 20	8,2g / 127gr	.284
SPEED TIP PROFESSIONAL	241 10 37	9,7g / 150gr	.284
EVOLUTION	231 59 60	10,3g / 159gr	.284
KEGELSPITZ	214 62 58	10,5g / 162gr	.284
ID CLASSIC	214 55 29	10,5g / 162gr	.284
ID CLASSIC	214 55 37	11,5g / 177gr	.284

CALIBRE .270

EVOLUTION GREEN ●	241 69 60	6,2g / 96gr	.277
SPEED TIP PROFESSIONAL	241 69 67	9,1g / 140gr	.277
EVOLUTION GREEN ●	241 69 59	10,0g / 154gr	.277

CALIBRE 7,62 mm / .30

EVOLUTION GREEN ●	241 81 19	9,0g / 139gr	.308
HIT ●	242 27 91	9,7g / 150gr	.308

CALIBRE	ITEM NUMBER	GRAMMS / GRAINS	DIAMETER
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CALIBRE 7,62 mm / .30

KEGELSPITZ	214 63 04	9,7g / 150gr	.308
ID CLASSIC	214 54 80	9,7g / 150gr	.308
SCORION	241 85 98	10,0g / 155gr	.308
SPEED TIP PROFESSIONAL	241 10 35	10,7g / 165gr	.308
KEGELSPITZ	214 63 71	10,7g / 165gr	.308
DOPPELKERN	214 60 45	10,7g / 165gr	.308
SCORION	241 69 66	10,9g / 168gr	.308
SCORION	241 85 99	11,3g / 175gr	.308
UNI CLASSIC	214 54 99	11,7g / 180gr	.308
EVOLUTION	231 59 59	11,9g / 184gr	.308
SCORION	242 14 64	12,3g / 190gr	.308

CALIBRE 8 mm S

EVOLUTION GREEN ●	231 85 22	9,0g / 139gr	.323
HIT ●	242 68 76	10,4g / 160gr	.323
SPEED TIP PROFESSIONAL	241 69 62	11,7g / 180gr	.323
KEGELSPITZ	214 64 44	11,7g / 180gr	.323
ID CLASSIC	214 55 10	12,8g / 198gr	.323
EVOLUTION	231 74 11	13,0g / 200gr	.323

CALIBRE 8,6 mm

SPEED TIP PROFESSIONAL	241 10 38	16,2g / 250gr	.338
SCORION	242 14 66	16,2g / 250gr	.338

CALIBRE 9,3 mm

EVOLUTION GREEN ●	231 85 23	11,9g / 184gr	.366
DOPPELKERN	214 60 02	14,6g / 226gr	.366
KEGELSPITZ	214 64 52	16,0g / 247gr	.366
HIT ●	242 68 78	16,2g / 250gr	.366
SPEED TIP PROFESSIONAL	241 69 63	16,7g / 258gr	.366
TEILMANTEL RUND	214 57 74	18,5g / 285gr	.366
EVOLUTION	231 74 12	18,8g / 291gr	.366
UNI CLASSIC	214 55 02	19,0g / 293gr	.366

CALIBRE 10,3 mm

HIT ●	241 69 65	13,0g / 200gr	.413
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● = lead-free

Complete range for reloaders:
Premium cases, primers,
propellant powder and a large
selection of premium hunting
and sports bullets



QUALITY IS NO COINCIDENCE

Our Bullets

RWS is the only important manufacturer of rifle cartridges that makes its own hunting bullets. For this, we draw upon our specialized knowledge base, which has continually advanced over the past centuries. Making our specialty bullets is far more involved than just putting a core into a jacket. Our highly complex and modern machines assure the optimal shape of the bullet surface and core.

Last but not least, it is our tight quality control when making bullets into cartridges that ensures that the strict RWS test specifications guarantee the extraordinary accuracy and absolute reliability of our bullets.

In addition, we perform test firings into gelatin blocks whose density most closely simulates that of muscle tissue in game animals. These gelatin tests reveal exactly how our bullets transfer their energy to the game animal.

Only when our high standards are 100% met by these test results do we test these bullets on actual wild game. Afterwards, the game is evaluated so that the internal, external and terminal ballistic effects of the bullet can be judged precisely.

High-speed motion pictures of test firings at rws-munition.de dramatically demonstrate the effectiveness of our specialty bullets.



Simulated wound cavity in gelatin block / bullet performance in gelatin



Expanding bullet (e.g. Evolution)

Partially fragmenting bullet (e.g. SPEED TIP PROFESSIONAL)





EXPANDING BULLET

An expanding bullet mushrooms upon contact with the game animal and retains a stable mass. It is designed so that it hardly loses any weight in the animal's body. Take the EVOLUTION, for example: Its effects are achieved mainly through uniform enlargement of the bullet's frontal area and its subsequent retained weight.

PARTIALLY FRAGMENTING BULLET

Partially fragmenting bullets are designed for controlled fragmentation that leaves a defined slug behind for penetration. One example of this is the DOPPELKERN: This partially fragmenting bullet has a retained weight of 60%. Semi-jacketed soft point bullets like the KEGELSPITZ and TEILMANTEL are also partially fragmenting bullets whereby the retained weight varies slightly depending on the target's resistance and the bullet's impact velocity. The function of these types of bullets is based on the controlled fragmentation of the bullet and a defined retained slug that causes mechanical destruction of the organs. The base drag of the slug draws most of the front core fragments through the animal's body upon exit.

FULL METAL JACKET

The full metal jacket is a type of bullet that retains both its shape and mass. It does not fragment and, depending on the hardness of the target, deforms only minimally. Penetration and energy delivery are achieved through late tumbling of the bullet inside the game animal.

THIS IS HOW YOU CAN REACH US

CONTACT INFORMATION



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Fax +49 911 7930 507

LOCAL DISTRIBUTION BY:



ADDITIONAL INFORMATION

RWS-AMMUNITION.COM



The RWS website offers a great overview on all topics surrounding the RWS brand world. Explore information on proven product, read hot news and discover the RWS shop (Germany only).

RWS HUNTING & SPORT



The RWS YouTube channel features a large variety of RWS brand and product videos. Passionate hunters and sport shooters will find interesting and entertaining information covering the RWS brand world as well as its large portfolio of proven loads.

RWS HUNTING



The RWS Facebook account provides an inspiring range of information and impressions surrounding the RWS world of hunting. A great and constantly updated source to experience the uniqueness of the wide RWS offer.

rwshunting



Another great source of inspiration for hunters around the globe: the RWS Hunting Instagram channel. Here's the place to find out what makes the brand so special and appealing for hunting aficionados. We are proud of our extraordinarily creative community.

NEWS, DEALS, STORIES & MORE

RWS NEWSLETTER

The RWS newsletter delivers hot news and information first hand. A great way to keep up to date on relevant seasonal topics and continuous RWS innovations. Just scan the QR code and register for it!



Driven Hunt



Training



Mountain
Hunting



Hunting Stories



Long Range



Vension Recipes



Information & Production





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