

SINCE 1886



THE AMMUNITION COUNTS

RWS Rifle Cartridges

Looking to the Future

It is both our passion for hunting and our profession that drive us at RWS. Every day brings something new: We are never satisfied with what we have already achieved. We strive to be better – in everything. Top of the class. Yet continuing to insist on the highest quality and reliability; never taking a break but instead developing an instinct for trends and pursuing new goals. Always with a finger on the pulse of the times. For you. For us. For the hunter. So that we may hunt in an even more sportsmanlike manner; so that we will continue to have many hunting friends. Today, tomorrow and in the future.

Get an overview of our product variety for yourself and let yourself be inspired by it – our brochure thoroughly informs you about all of our hunting cartridges, loadings and bullets; makes it clear what advantages they have to offer; and informs you about which bullet is the perfect choice for you based on your hunting style and game species. Your wish is our motivation. We are not satisfied until you are, too.

The ammunition counts – choose RWS.

Waidmannsheil, your RWS team

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FULL PERFORMANCE FROM SHORT BARRELS

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CLEAR AND EASY TO USE

Even Simpler Navigation

Maintain the big picture – in our new RWS catalog, we present you with our latest products, the most important trends in and around the hunting scene and, naturally, the full selection of our rifle bullets.

NEW: THE APPLICATION ADVISOR

In order for you to better navigate the ballistic data, game symbols indicate the weight class for which each bullet is most appropriate. You will find these symbols on the reverse side of the new packaging. Another new addition to the packaging is the recommended effective range. This way, you can always be 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

Targeted Searches – Icons for Quick Access

Where can I find articles on mountain hunting? Where are the hunting stories? With the help of our pictograms, you can find exactly what you are looking for – quickly and accurately.

Long Distance		Mountain Hunting	
Training		Hunting Stories	
Heavy Game		Game Recipes	
Driven Game		Information & Production	





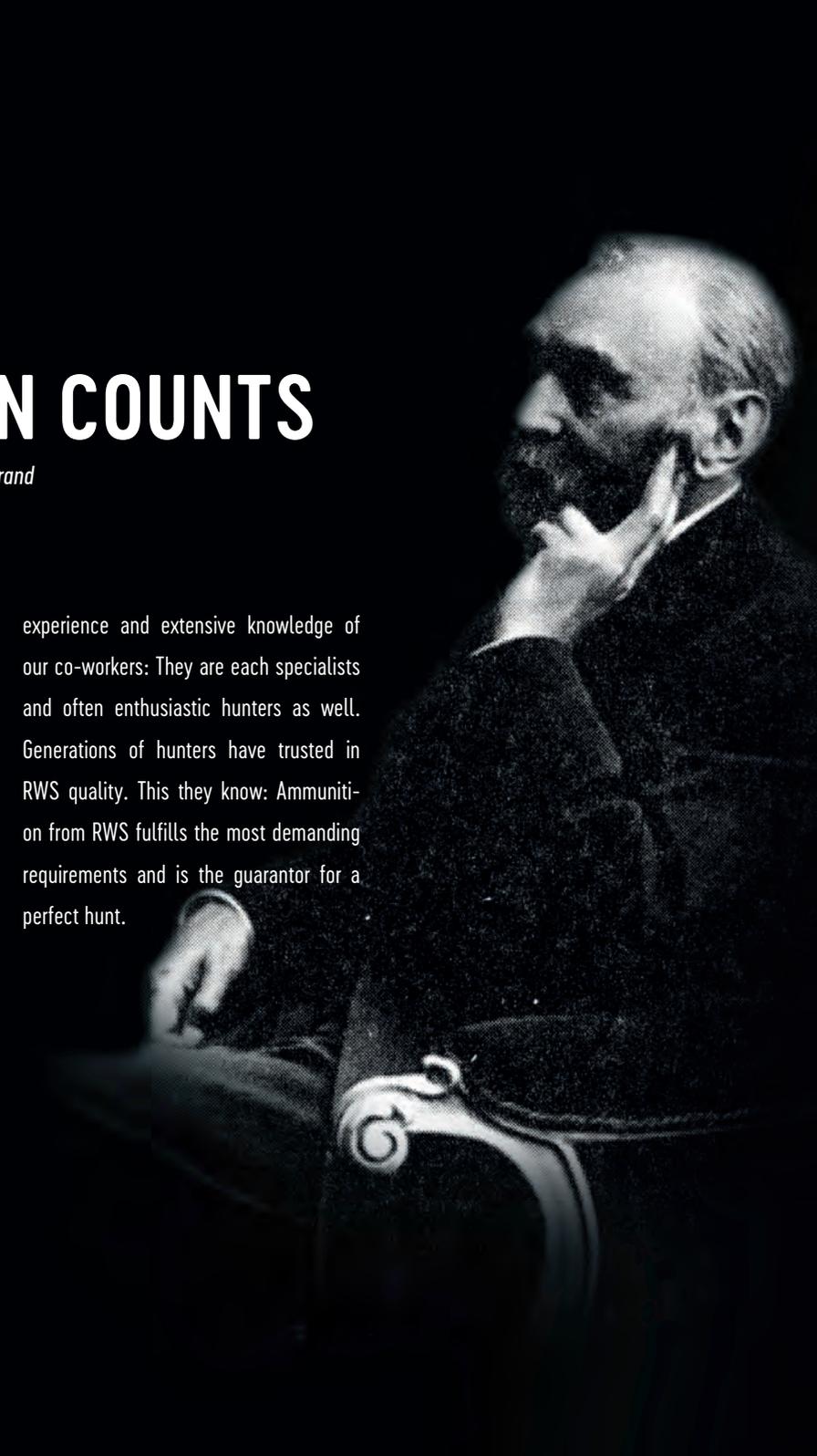
THE AMMUNITION COUNTS

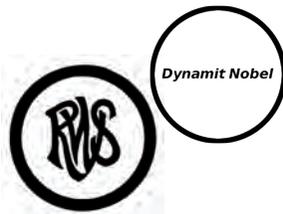
That is why generations of hunters have trusted in the RWS brand

For more than 100 years, RWS has manufactured all of its rifle ammunition exclusively at its headquarters in Fürth-Stadlen, Germany. Its origins can be traced back to 1855. That was when Heinrich Utendoerffer began to manufacture priming compounds in his Nuremberg laboratory. 34 years later, his laboratory was bought by the 'Rhinish-Westphalian Explosives Stock Company' (RWS), established in Troisdorf in 1886. From 1931 until the spring of 2002, RWS belonged to Dynamit Nobel AG. Since then, we have been under the purview of RUAG Ammotec GmbH and have produced a wide range of products based on explosive compounds. Those who count on RWS ammunition profit from the decades of

experience and extensive knowledge of our co-workers: They are each specialists and often enthusiastic hunters as well. Generations of hunters have trusted in RWS quality. This they know: Ammunition from RWS fulfills the most demanding requirements and is the guarantor for a perfect hunt.

**RWS
THEN &
NOW**





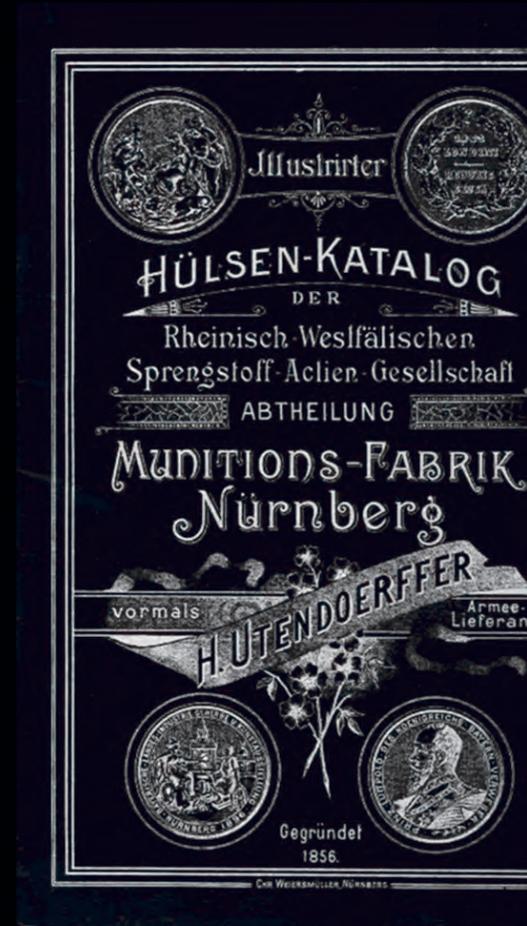
Our Brand: Decead “Particularly Valuable”

Our Origins, Our History, Our Future

The RWS brand has united hunters and sport shooters for generations. But where do those roots lie and what is the secret of its success? The familiar shorthand of ‘RWS’ was originally derived from the ‘Rhinish-Westphalian Explosives Stock Company’, which subsequently fused with Dynamit Nobel AG in 1931. RWS remained as its own standalone brand, which remains well known and established around the world to this day. RWS is your reliable partner in premium market products. The highest levels of quality and accuracy have been hallmarks of RWS since the very beginning. But RWS stands not only for upholding tradition, utilizing first-class materials and employing advanced machinery, but also for its dedicated team members, fresh know-how, innovation and tracking of trends. The hunt is constantly changing; everything is in flux. Just like RWS. Our brand’s core value: a resolute posture with established values.



” 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?



INNOVATION-FRIENDLY

Optimized out of Passion

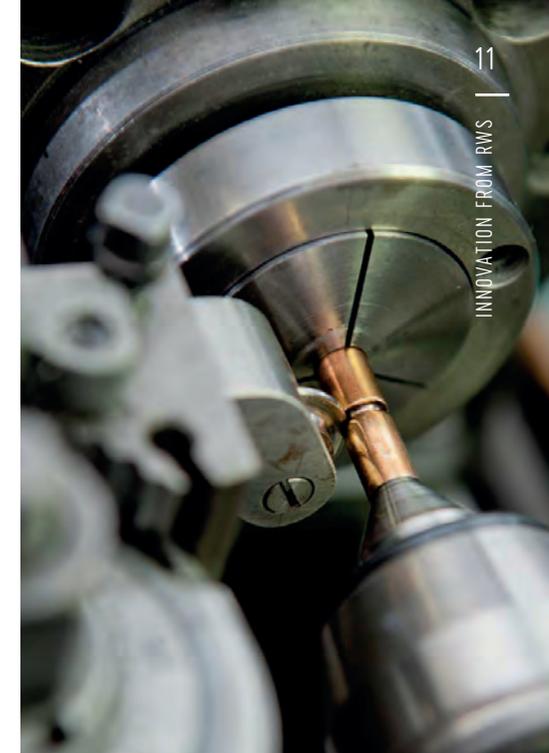
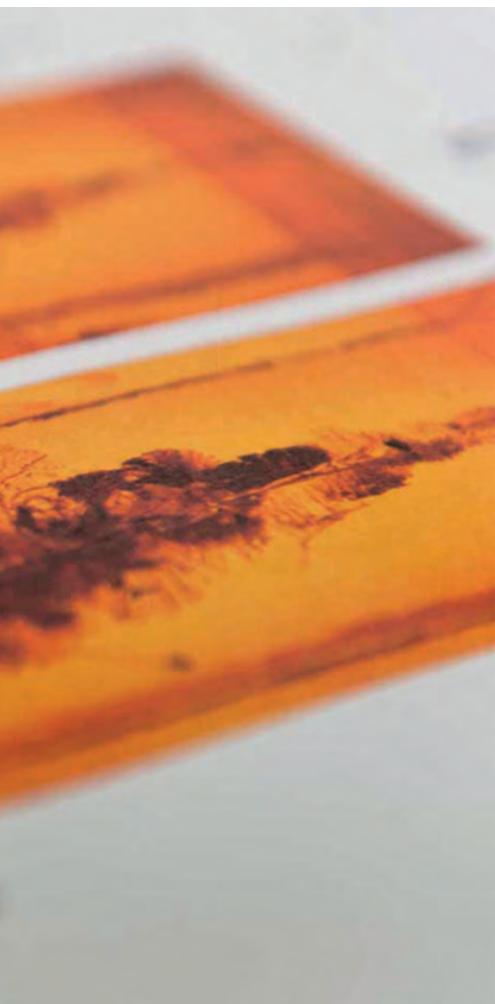
Our forefathers went hunting with the H-Mantel bullet. But hunting has a rapidly changing environment and set of demands. RWS has continually optimized and furthered the development of the H-Mantel bullet so that, to this day, expert knowledge, technology and know-how have played a most decisive role.

The H-Mantel bullet is the basis for the targeted development of state-of-the-art, high-performance bullets such as the Speed Tip Professional and the Evo Green. Both bullets are based on the tried-and-true H-Mantel principle of an H-shaped constriction, making for a dual-core, partially-fragmenting bullet. The Speed Tip Professional is ideal for ethical shots at longer ranges, while the Evo Green is the optimal choice for all hunters who desire an accurate lead-free bullet. Persistent interest in finding and meeting new challenges with an eye towards the future: All of this not only applies to the development of our H-Mantel bullets but is representative of everything that the RWS brand stands for. Even now, the experts at RWS are working on the innovations of tomorrow – because evolution marches on.



More than 115 bullets and 40 calibers are loaded by RWS.... In order to manufacture this wide variety of bullets while maintaining outstanding quality, RWS has a highly complex manufacturing facility.

1934 saw RWS introduce the H-Mantel to the public. In 2016, the Speed Tip Professional and the Evolution Green followed as the newest bullet innovations from RWS.



NEWS & HIGHLIGHTS

Innovations that Revolutionize Hunting

Hunting has a history that goes back millennia, marked by frequent highs and lows, additional regulations and changing demands. But only a few things are practically predestined to be constants: they appear, become mainstream, prove themselves over the years and are reaffirmed a thousand times a day. That is what RWS offers: rifle ammunition that functions without compromise. We have worked every day for over 100 years to make our ammunition even more perfect.

The RWS portfolio features specialized ammunition for all applications as well as proven all-rounders:

- The RWS Short Rifle line: ammunition specifically designed for short barrels
- The new Speed Tip Professional: the specialist for long shots
- 10.3 x 68 Mag.: a caliber for all applications around the world
- The Evolution Green from RWS, the market leader: the clever lead-free alternative

Due to our constant drive to move forward in their development, RWS rifle cartridges have opened up new hunting possibilities today that will surpass current technologies tomorrow.

- 1 **.30-06 SHORT RIFLE SPEED TIP PROFESSIONAL 10,7 g | 165 gr**
*Optimized for barrels between 420 and 550 mm long.
Full performance at long ranges with no game restrictions.*
- 2 **10,3 x 68 MAG. EVOLUTION GREEN 13,5 g | 208 gr**
One caliber for everything. Especially suitable for large, heavy game.
- 3 **.308 WIN. SHORT RIFLE HIT 9,7 g | 150 gr**
Lead-free alternative for short barrels. Non-fragmenting bullet with deep penetration.
- 4 **8 x 68 S SPEED TIP PROFESSIONAL 11,7 g | 181 gr**
Maximum performance at long ranges



**NEW IN
HUNTING**



1



2



3



4





SHOW ME MORE

New Cartridge Packaging

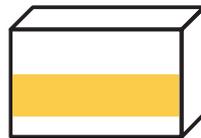
You get a clearer view of the situation thanks to the new design of RWS cartridge boxes. The most important information, like caliber and bullet symbol, is now printed on the side of the box. If the box is placed lengthwise into the vault, both are now readily visible. The elegantly designed wood grain packaging of the Hunting Line says “this is for hunters”. A glance through the clear window in the box reveals how many rounds remain in the package.

The cartridges are placed into inserts, which can then be split into practical 5-round packs.

Boxes featuring a continuous yellow bar contain ammunition for target shooting, and those with the orange bar are for training ammunition.



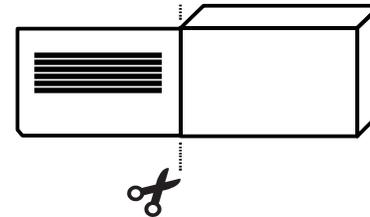
Hunting



Sport



Training



Cut it out and take it with you:
a folding chart with ballistic data

THESE ARE THE TRENDS

Where Hunting is Headed in the Next Few Years

Today, hunting is gaining more and more significance. No wonder, for harvested venison is a thing of value that is guaranteed organic. When it comes to lead-free ammunition, the requirements are appropriately strict. Our answer: HIT and Evolution Green bullets, two clever alternatives to lead-core bullets that reflect the modern spirit.

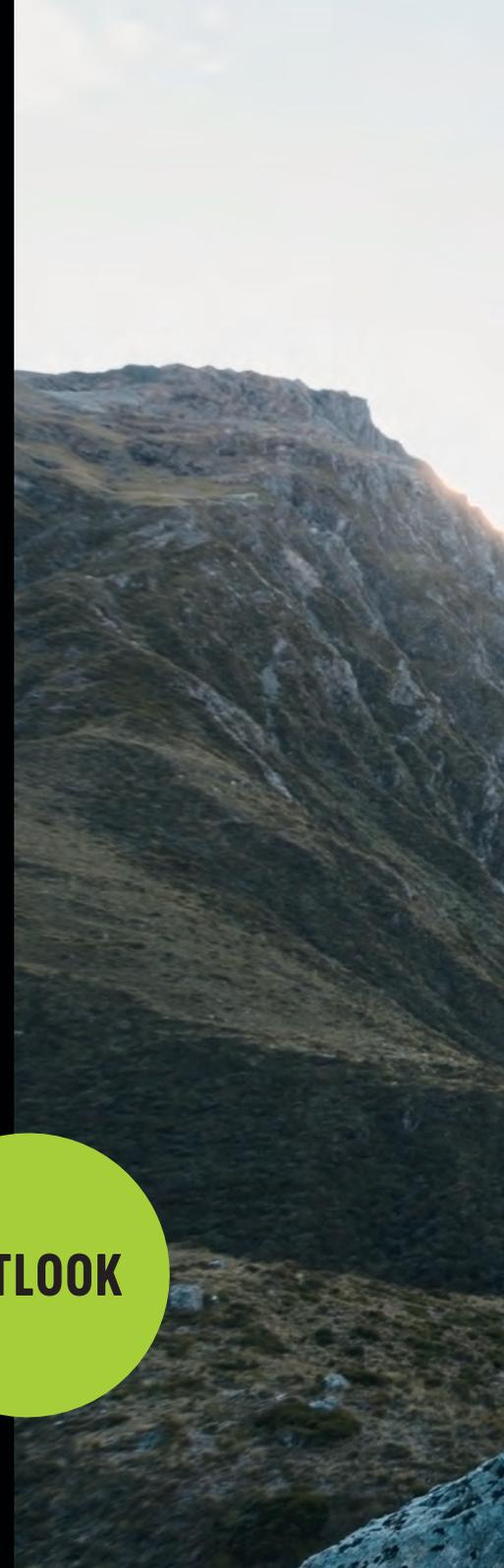
A further development is based on current regulatory changes promoting the trend towards hunting with silencers. In order to keep the silenced rifle from becoming too long and clumsy, hunters generally select a shorter barrel. Consequently, the result is a drop in the ammunition's performance. RWS did its homework long ago, and its Short Rifle

cartridge is a powerhouse developed especially for shooting from shorter barrels – and one that has, meanwhile, made quite a splash in the marketplace.

Long-range shooting at great distances up to 1000 meters is no longer the exception. State-of-the-art scope sights make this possible. RWS realized this early on and introduced the Speed Tip Professional. RWS is always tracking trends – and shall continue to do so in the future.



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 HIT and Evo Green, we offer two first-class lead-free bullets"
#lovemyleadfree



OPTIMIZED FOR ALL USES

Lead-free bullet with the performance of the Short Rifle cartridge from RWS

.308 WIN SHORT RIFLE EVO GREEN



BEST OF LEAD-FREE



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.

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, even at long 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.



EVOLUTION GREEN

The RWS EVOLUTION GREEN is a lead-free partially-fragmenting bullet with a series of codependent 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.



EXPERT KNOWLEDGE

DOES USING LEAD-FREE BULLETS MEAN MORE CLEANING EFFORT IS REQUIRED?

There is no simple answer for this. With EVO Green and its mild steel, nicked jacket, there is no difference compared to ordinary lead-core bullets. Monolithic bullets that have a high copper content generally require more frequent cleaning, which may vary from one barrel to the next. By using Performance Grooves and nickel plating, we have been able to reduce metal fouling with the HIT bullet by about 60%!

WHY ARE LEAD-FREE BULLETS OFTEN LIGHTER AND FASTER?

There are two things to bear in mind here. One is that most lead-free substitutes have a lower specific density than that of lead which, stipulating bullets of the same shape and volume, reduces the bullet's mass. The other is that lead has optimal terminal ballistic effects, but lead-free materials like copper, brass and tin are 'harder' than lead. These bullets therefore require more velocity to achieve the desired effect upon impact. The necessary increase in velocity is possible due to the slightly lighter lead-free bullets. This is especially true for monolithic expanding bullets!

WILL THERE BE A CHANGE IN POINT OF IMPACT AFTER SWITCHING TO LEAD-FREE BULLETS?

As a general rule, every loading has different internal and external ballistics that may also vary from one barrel to another. That is why we most urgently advise that point of impact be determined every time you switch loads.

DOES THE EVO GREEN CAUSE MORE MEAT DAMAGE BECAUSE OF ITS INTENTIONAL FRAGMENTATION?

The superior stopping power of the EVO Green is achieved through the fragmentation of the pre-fragmented front

core, whereby every shard enhances the chances of destroying important organs, vessels and nerves, resulting in the game dropping at the shot. This is its overriding advantage for many hunters, which increases their tolerance for the somewhat greater meat damage it causes.

DO STRICKEN ANIMALS FLEE FARTHER AFTER HAVING BEEN HIT WITH LEAD-FREE BULLETS?

Here, too, there is no pat answer. Monolithic expanding bullets in particular require a somewhat higher impact velocity in order to expand properly in a game animal's body. This readiness to expand diminishes as the distance to the target increases and impact velocity is reduced. This can result in longer flight distances, especially with lighter game.

DO I NEED TO CHANGE MY POINT OF AIM WHEN HUNTING WITH LEAD-FREE BULLETS?

That is generally not necessary. Nonetheless, we do recommend moving the point of aim to the shoulder blade when using monolithic designs like the RWS HIT on lighter game.

IS THERE INCREASED RISK OF RICOCHET WITH LEAD-FREE BULLETS?

Monolithic bullets in particular retain increased residual energy after glancing off hard surfaces. This results in a larger danger zone! We recommend that current safety regulations always be observed and discourage taking shots in borderline cases!





Our tips:

For optimal expansion, especially in light game and/or at long ranges, we recommend shifting the point of aim for HIT bullets to the shoulder blade.

Thanks to its nicked mild steel jacket, the EVOLUTION GREEN makes the intensive barrel cleaning normally required with lead-free bullets all but unnecessary.





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 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

More details about the bullet can be found on pages 38 / 39



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 Pro 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.

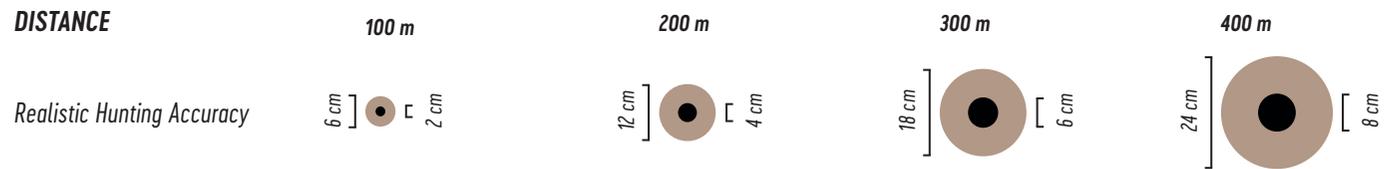
SUMMARY

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



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



EFFECTIVE TARGET ZONES OF GAME ANIMALS

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





**EVEN
MORE
POWER**



FULL PERFORMANCE FROM SHORT BARRELS — PERFORMANCE LINE

RWS Short Rifle – 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 silencer 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 silencers. 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.

SPEED TIP PROFESSIONAL

.308 Win. (10.7 g | 165 gr), **.30-06** (10.7 g | 165 gr),
.300 Win. Mag. (10.7 g | 165 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)



Bulletes Geschosse
GREEN
Lead-free bullet

EVOLUTION GREEN

.308 Win. (9.0 g | 139 gr), **.30-06** (9.0g | 139 gr)



Bulletes Geschosse
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 barrel lengths between 420 and 550 mm, unites the following features:

BEST FOR USE WITH SILENCERS

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 silencer and promotes accuracy. We have had particularly good experiences with HAUSKEN silencers.

NICKELED CASES

Not only do they look chic but they have a practical use. Nickeled 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*

IT'S A MAGNUM, A SMARTMAGNUM™

10,3 x 68 Mag. – The New Dimension

It is cold. The sun disappears behind the trees. Fog rises and gets thicker and thicker, muffling all sound and lying like a soft, white blanket over the water. And there he is. The moose. As if out of nowhere. He heads towards the bank at a steady pace. This is the opportunity. The shooting sticks are firmly in place, the forearm lies on its rest and the finger reaches for the trigger. Slowly, very slowly, increase the pressure, follow the game so that the sights stay fixed on the shoulder – then the trigger finally breaks and the bullet is out of the barrel.

10.3 X 68 MAG. – UNCOMPROMISING

Since the characteristics of the 10.3 x 68 Mag. are uncompromising and unite revered tradition with the latest technology, new possibilities arise. Its large sectional area, vari-

able bullet weights and – in the truest sense of the word – knock-down stopping power without excessive recoil make this caliber unique.

THE SMARTMAGNUM™ EFFECT

The variety of bullet weights available support the universality of this caliber. Regardless whether it is marmot in Austria or Cape Buffalo in Africa, no other caliber offers bullet weights ranging from 11 g to 26 g.

10,3 x 68 Mag. is available with Evolution Green, HIT, Speed Tip Professional and jacketed round nose Woodleigh Weldcore bullets. Ballistic data are found on p. 65



FROM SMALL TO TALL

A CARTRIDGE FOR ALL GAME SPECIES



HUNTING TOGETHER

The Driven Game Season Begins

“Do you see the red marking way down there to the left of the forest’s edge? You must stand there. That is your peg.” A thousand questions race through your head: Will there be any action today? Where are the beaters coming from, the dogs? Where are the game trails; what direction will the game be coming from? Do I have a large enough field of fire and a safe backstop? Where is the shooter next to me?

For many of us, driven game season is the highlight of the hunting year. Going hunting together, achieving success together and sharing experiences. Hearing stories, telling stories, meeting old friends, learning new faces, recovering the game and dressing it, laying out the harvest, enjoying the fire, eating hot soup, listening to the music of the hunting hornists – and with a common meal at the end of the day.

Hunting is such a big part of our lives. Always something new, always something different. Gripping yet relaxing. Lonely yet social. We already have driven hunt fever – do you?

WHICH BULLET SHOULD BE USED ON DRIVE HUNTS?

In driven game shooting, the primary goal is to have the game fall at the shot to reduce the possibility of a long search. This limits the choice of appropriate bullets. The EVOLUTION bullet is especially appropriate for tough boar thanks to its high retained weight and great penetrating power, and has delivered convincing results for years now.







CINESHOT®

Training for ethical hunting

CINESHOT® training ammunition is available in .308 Win., .30-06, .300 Win. Mag., 8 x 57 IS and 9.3 x 62.





Die CINESHOT® is the first cartridge designed especially for shooting cinemas. Both the Super Clean 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 without the risk of overheating the rifle or requiring intensive cleaning afterwards.

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 longer ranges as well? Then the HIT is the right choice for you. 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 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.





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.

MEAT PROTECTION: This indicates whether one should expect a high degree of Meat Protection, 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.

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 nickeled 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

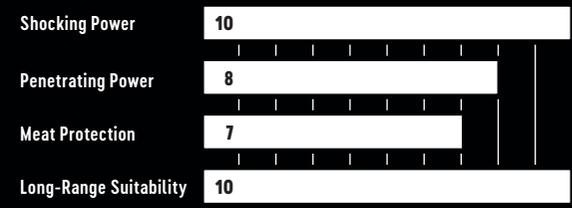
- Immense shocking and stopping power, even at long ranges
- Extremely flat trajectory due to low air resistance
- Compelling accuracy
- Certain exit wound

*Available Calibers: .270 Win. | 6,5 x 55 | 6,5 Creedmoor
7mm Rem. Mag. | 7 x 64 | .308 Win. SHORT RIFLE
.308 Win. | .30-06 SHORT RIFLE | .30-06 | .300 Win. Mag.
.300 Win. Mag. SHORT RIFLE | 8 x 57 JS | 8 x 57 JRS
8 x 68 S | 9,3 x 62 | .338 Lapua Mag. | 10,3 x 68 Mag.*



Expansion of the Speed Tip Professional bullet





Speed Tip Professional, total score: 35

HIT

Bleifreies Geschoss
GREENTM
 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.

MINIMAL MEAT 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 long ranges thanks to its flat trajectory with high impact velocity and energy, especially in ultra-velocity calibers.

FEATURES AT A GLANCE

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

Available Calibers: .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.



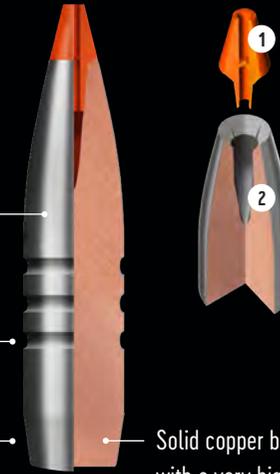
Expansion and fragmentation of the HIT bullet



Nickel-plated surface
for longer cleaning intervals

Performance Grooves
for better ballistics

Boattail base for accuracy
and stability in flight



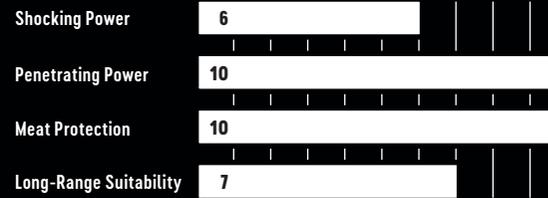
Solid copper bullet
with a very high BC

1

*RWS TC Tip (Twin Compression tip):
With two cavities for reliable initial
deformation and a flat trajectory*

2

*RWS ACC (Active Crater Cavity)
For accelerated expansion and great
shocking power*



HIT, total score: 33



EVOLUTION GREEN



Reassuring Lead-Free Performance

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

Convincing killing power even at longer impact distances. Ordinary designs show greatly reduced expansion at long ranges. Not so with the EVO 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.



Expansion and fragmentation of the Evolution Green bullet

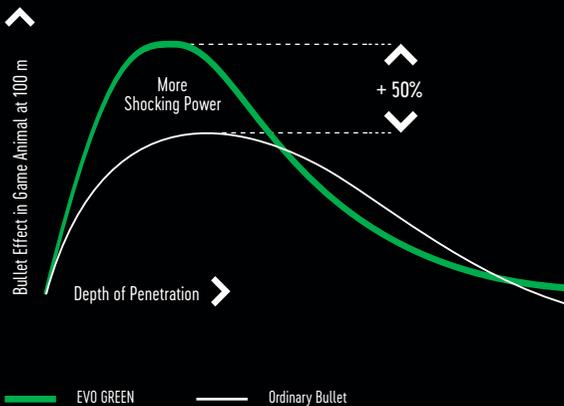
*Available Calibers: 6,5 x 55 SE | 6,5 x 57 | 6,5 x 57 R | 6,5 x 68
6,5 Creedmoor | .270 Win. | .270 WSM | 7 x 57 R | 7mm Rem. Mag.
7 x 64 | 7 x 65 R | .308 Win. | .30-06 | .30 R Blaser
.300 Win. Mag. | 8 x 57 JS | 8 x 57 JRS | 8 x 68 S | 9,3 x 62
9,3 x 64 | 9,3 x 74 R | .338 Lapua Mag. | 10,3 x 68 Mag.*



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



Shocking Power	10
Penetrating Power	7
Meat Protection	7
Long-Range Suitability	8

EVOLUTION GREEN, total score: 32



EVOLUTION

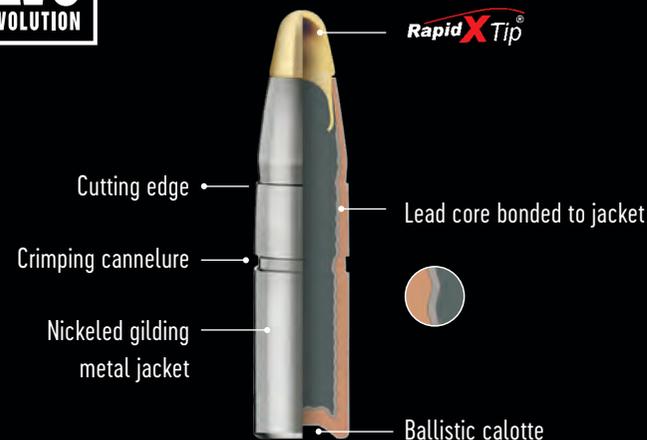
Convincing Penetration

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.



Expansion of Evolution bullet

*Available Calibers: 6,5 x 55 SE | .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*



FEATURES AT A GLANCE

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

Shocking Power	8
Penetrating Power	9
Meat Protection	9
Long-Range Suitability	8

EVOLUTION, total score: 34



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.

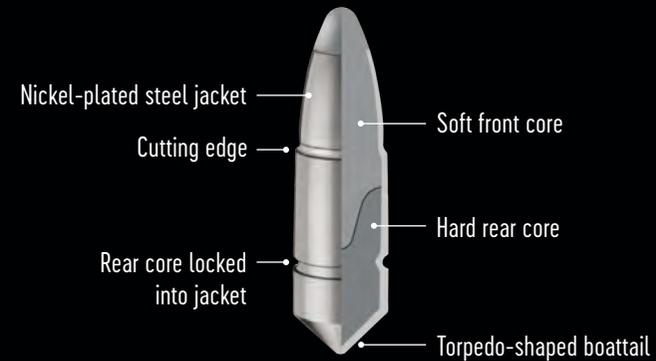
The nickel-plated mild steel jacket protects the barrel and gets progressively thicker towards the rear to assure controlled expansion. The torpedo-shaped boattail ensures stability in flight.

FEATURES AT A GLANCE

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



Expansion of the ID Classic bullet



*Available Calibers: 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 JRS*

Shocking Power	9
Penetrating Power	7
Meat Protection	7
Long-Range Suitability	6

ID Classic, total score: 29

UNI CLASSIC

For Heavy Game

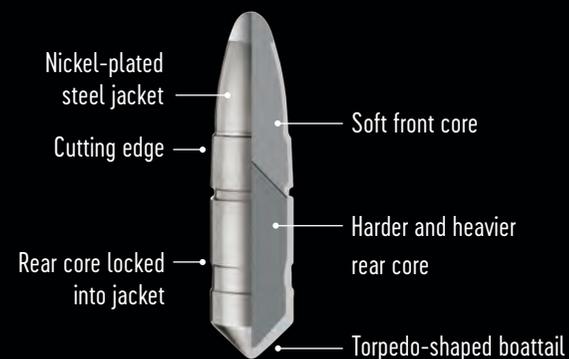
The UNI Classic bullet was developed especially so that it would be capable of hunting heavy hoofed game up to large game – a counterpart to the ID Classic. The harder and heavier rear core has less tendency to mushroom, which further increases penetration. Like the ID Classic, the front core fragments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



Expansion of the UNI Classic bullet

FEATURES AT A GLANCE

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



*Available Calibers: .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
Penetrating Power	9
Meat Protection	8
Long-Range Suitability	6

UNI Classic, total score: 29

DOPPELKERN

For Controlled Shocking Power

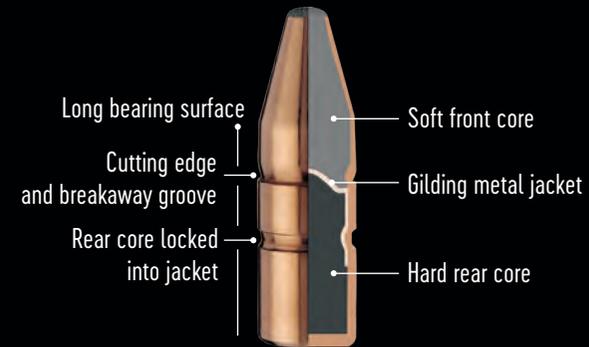
The dual-core Doppelkern bullet consists of two lead cores of differing hardness. The front core fragments reliably and ensures great shock effect. In order to control this deformation, a unique gilding metal cup separates the rear core from the soft front core. The core weight proportion is 50:50, which 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.



Expansion of the Doppelkern bullet

FEATURES AT A GLANCE

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



Available Calibers: 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

Shocking Power	9
Penetrating Power	7
Meat Protection	7
Long-Range Suitability	7

Doppelkern, total score: 30

NEW

SPEED TIP

Effective Even at Long Ranges

The RWS SPEED TIP is designed for very great shocking and stopping power at long ranges. The front of this aerodynamic bullet's profile is topped with the Speed Tip point for low air resistance and an extremely flat trajectory. Even at longer impact ranges, this novel bullet point makes for accurate shooting and maximum shocking power. The rear of the bullet ends in the V-Tail base, which is shaped for accuracy and stable flight at long ranges.



Expansion of the Speed Tip bullet

FEATURES AT A GLANCE

- > Very great shocking and stopping power even at long ranges
- > Extremely flat trajectory thanks to low air resistance
- > Convincing accuracy



*Available Calibers: .243 Win. | 7mm Rem. Mag. | 7 x 64
.308 Win. | .30-06 | .300 Win. Mag. | 9,3 x 62*

Shocking Power	10
Penetrating Power	6
Meat Protection	6
Long-Range Suitability	10

Speed Tip, total score: 32

H-MANTEL

For Maximum Effect

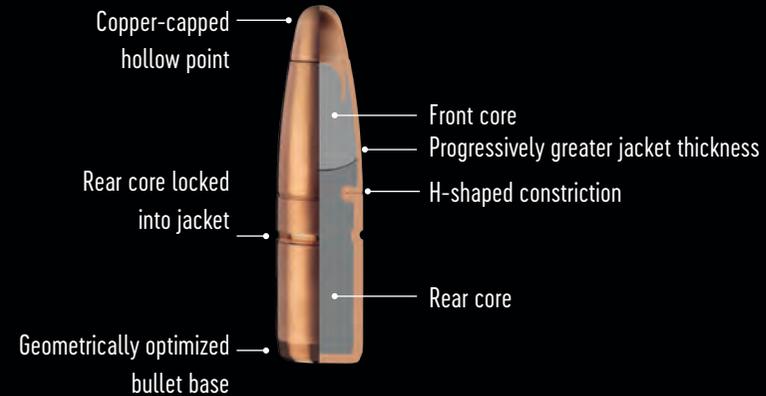
What is special about this bullet is the famous H-groove, a constriction in the middle of the jacket designed as a breakaway point. It supports the separation of two cores of differing hardness and is responsible for the two ways the bullet works: the front section fragments rapidly after contacting the game animal, delivering immense energy for maximum effect; the cylindrical rear section separates at the H-groove, penetrating through even heavy game without deformation and reliably delivering the desired exit wound. The base drag of the rear section pulls most of the front core fragments out of the animal's body.

FEATURES AT A GLANCE

- > Exceptional accuracy
- > Great shocking power via copper-capped hollow point
- > Certain exit wounds



Expansion of the H-Mantel bullet



Available Calibers: .270 Win. | 7 x 57 R | 7 x 64 | 7 x 66 R
.308 Win. | .30-06 | 8 x 57 JS | 8 x 57 JRS | 8 x 68 S

Shocking Power	10
Penetrating Power	8
Meat Protection	7
Long-Range Suitability	7

H-Mantel, total score: 32

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



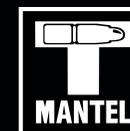
Available Calibers: 5,6 x 57 | .243 Win. | 6,5 x 57 | 6,5 x 57 R | 6,5 x 65 RWS | 6,5 x 65 R RWS | 6,5 x 68 | .270 Win. | 7 x 57 R | 7mm Rem. Mag. | 7 x 64 | 7 x 65 R | .308 Win. | .30-06 | .300 Win. Mag. | 8 x 68 S | 9,3 x 62 | 9,3 x 74 R



Kegelspitz, total score: 27

TEILMANTEL

For Immense Energy Transfer



The semi-jacketed soft point 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 spitzer profiles.

FEATURES AT A GLANCE

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



Available Calibers: .22 Hornet | .222 Rem. | .223 Rem. | 5,6 x 50 Mag. | 5,6 x 50 R Mag. | 5,6 x 52 R | .243 Win. | 10,3 x 68 Mag. (bonded)



Teilmantel, total score: 26

TARGET ELITE PLUS

Reloader-Quality Match Ammunition



RWS TARGET ELITE PLUS is synonymous with reloader-quality match cartridges. They stand out with extremely balanced ballistics that deliver consistently high accuracy at maximum ranges of up to 1200 meters. The caliber range, spanning from .223 to .338 Lapua, sets new standards in all target disciplines.

The RWS TARGET ELITE PLUS features an extremely accurate, very slender hollow point boattail bullet. With its characteristic hollow point and a profile that has been rigorously optimized according to external ballistic principles, extremely stable flight characteristics with top accuracy are realized.

»» *All loadings of the RWS TARGET ELITE PLUS line should only be used for target shooting since the controlled expansion required for game shooting cannot be expected.*



FEATURES AT A GLANCE

- Highest quality
- Maximum accuracy: must meet the defined accuracy standard of 16.9 to 25 mm standard deviation from test barrels at 300 meters
- For long-range competitions up to 1200 m
- Large calibers loaded to handloader standards
- Specially manufactured match cases as well as specially selected HPBT match bullets
- Lot-to-lot uniformity in point of impact
- Configured for high-end match rifles with the twist rates used in long-range shooting sports





**NICE
PRICE!**

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

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.

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

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

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.



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 Evo 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.

BULLET ITEM NUMBER	WEIGHT Grams g Grains gr	Barrel Length mm BC	V (m/s)	0m	50m	100m	150m	200m	250m	300m	⊕ RZR*	50m	100m	150m	200m	250m	300m	Recommended Effective Range					
				E [J]		E [J]	E [J]	E [J]	E [J]	E [J]	E [J]												
.22 HORNET																							
MATCH JAGD	3.0	600	V (m/s)	690	596	511	436	376	332	303	⊕	100 m	1.0	⊕	-10.5	-34.0	-75.0	-137.9	✓				
211 63 67	46	0.140	E [J]	714	533	392	285	212	165	138	RZR	130 m	3.0	3.0	-4.6	-26.2	-65.1	-126.0					
TEILMANTEL SPITZ	3.0	600	V (m/s)	700	613	532	460	399	351	319	⊕	100 m	0.8	⊕	-9.6	-30.8	-67.7	-124.4	✓				
211 63 75	46.3	0.152	E [J]	735	564	425	317	239	185	153	RZR	133 m	2.8	4.0	-3.6	-22.8	-57.7	-112.4					
.222 REM.																							
TEILMANTEL SPITZ	3.24	600	V (m/s)	1020	929	843	763	687	616	550	⊕	100m	-1.1	⊕	-2.4	-9.0	-20.9	-39.3	✓				180m
211 64 05	50	0.186	E [J]	1685	1398	1151	943	765	615	490	RZR (m)	191	0.9	4.0	3.6	-1.0	-10.9	-27.3					
MATCH JAGD	3.4	600	V (m/s)	980	890	806	726	652	582	517	⊕	100m	-0.9	⊕	-2.9	-10.4	-23.7	-44.4	✓				
231 91 46	52	0.183	E [J]	1633	1347	1104	896	723	576	454	RZR (m)	182	1.0	4.0	3.1	-2.4	-13.8	-32.5					
.223 REM.																							
TEILMANTEL SPITZ	3.6	600	V (m/s)	1000	919	842	770	702	637	575	⊕	100m	-1.0	⊕	-2.4	-9.0	-20.6	-38.3	✓	✓			180m
211 64 72	56	0.207	E [J]	1800	1520	1276	1067	887	730	595	RZR (m)	191	1.0	4.0	3.6	-1.0	-10.6	-26.3					
5,6 x 50 MAG.																							
TEILMANTEL SPITZ	4.1	600	V (m/s)	920	854	791	730	673	618	566	⊕	100m	-0.8	⊕	-3.1	-10.9	-24.0	-43.7	✓	✓			200m
211 64 99	63	0.240	E [J]	1735	1495	1283	1092	929	783	657	RZR (m)	179	1.2	4.0	2.8	-2.9	-14.1	-31.8					
5,6 x 50 R MAG.																							
TEILMANTEL SPITZ	3.24	600	V (m/s)	1015	924	839	759	683	613	546	⊕	100m	-1.1	⊕	-2.4	-9.2	-21.2	-39.8	✓	✓			200m
211 68 47	50	0.186	E [J]	1669	1383	1140	933	756	609	483	RZR (m)	190	0.9	4.0	3.6	-1.2	-11.2	-27.8					
TEILMANTEL SPITZ	4.1	600	V (m/s)	900	835	772	713	656	602	551	⊕	100m	-0.7	⊕	-3.4	-11.6	-25.6	-46.4	✓	✓			180m
211 65 02	63	0.240	E [J]	1661	1429	1222	1042	882	743	622	RZR (m)	175	1.3	4.0	2.6	-3.7	-15.7	-34.5					
5,6 x 52 R																							
TEILMANTEL SPITZ	4.6	600	V (m/s)	870	808	749	692	638	587	538	⊕	100m	-0.6	⊕	-3.8	-12.7	-27.7	-49.8	✓	✓			160m
211 68 63	71	0.248	E [J]	1741	1502	1290	1101	936	793	666	RZR (m)	170	1.4	4.0	2.2	-4.7	-17.7	-37.8					
5,6 x 57																							
KEGELSPITZ	4.8	600	V (m/s)	1030	964	900	840	782	727	673	⊕	100m	-1.2	⊕	-1.9	-7.2	-16.6	-30.6	✓	✓			200m
211 67 15	74	0.260	E [J]	2546	2230	1944	1693	1468	1268	1087	RZR (m)	207	0.8	4.0	4.2	0.9	-6.5	-18.5					
.243 WIN.																							
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					
SPEED TIP	5.8	600	V (m/s)	954	902	852	805	759	714	670	⊕	100m	-1.0	⊕	-2.4	-8.6	-19.0	-34.3	✓	✓	✓	✓	220m
240 81 27	90	0.315	E [J]	2653	2372	2116	1889	1679	1486	1309	RZR (m)	193	1.0	3.9	3.4	-0.8	-9.3	-22.6					

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

BULLET ITEM NUMBER	WEIGHT Grams g Grains gr	Barrel Length mm BC	0m	50m	100m	150m	200m	250m	300m	⊕ RZR*	Recommended 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)	214	0.8	4.0	4.3	1.5	-4.8	-15.0						
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						
SPEED TIP	9.7	650	V (m/s)	928	894	861	830	800	769	739	⊕	100m	-1.0	⊕	-2.3	-8.2	-18.0	-31.9	✓	✓	✓	✓	✓	+300m
240 70 08	150	0.479	E (J)	4177	3876	3595	3341	3104	2868	2649	RZR (m)	198	1.0	4.0	3.7	-0.2	-8.0	-19.8						
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						
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						
SPEED TIP	9.7	650	V (m/s)	880	846	812	779	747	716	685	⊕	100m	-0.8	⊕	-2.9	-9.9	-21.3	-37.5	✓	✓	✓	✓	✓	280m
240 70 10	150	0.455	E (J)	3756	3471	3198	2943	2706	2486	2276	RZR (m)	183	1.2	3.9	2.9	-2.2	-11.6	-25.8						
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						
HMK	11.2	600	V (m/s)	845	805	767	729	693	658	624	⊕	100m	-0.6	⊕	-3.6	-11.8	-25.1	-44.0	✓	✓	✓	✓	✓	240m
211 75 17	173	0.383	E (J)	3999	3629	3294	2976	2689	2425	2181	RZR (m)	174	1.4	4.0	2.4	-3.8	-15.1	-32.1						
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 MM REM. MAG.**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

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



7 x 65 R



KEGELSPITZ	8.0	600	V (m/s)	925	870	817	766	716	669	624	⊕	100m	-0.9	⊕	-2.8	-9.8	-21.6	-38.9		✓	✓	✓			220m	
211 76 30	123	0.290	E (J)	3423	3028	2670	2347	2051	1790	1558	RZR (m)	186	1.1	4.0	3.2	-1.8	-11.6	-26.8								
EVOLUTION GREEN ●	8.2	600	V (m/s)	910	869	830	792	754	718	683	⊕	100m	-0.9	⊕	-2.7	-9.3	-20.2	-35.9		✓	✓	✓			240m	
231 83 22	127	0.392	E (J)	3395	3096	2824	2572	2331	2114	1913	RZR (m)	189	1.1	4.0	3.3	-1.3	-10.3	-24.0								
HIT ●	9.1	600	V (m/s)	850	813	776	741	707	673	640	⊕	100m	-0.6	⊕	-3.4	-11.3	-24.2	-42.4	✓	✓	✓	✓	✓			220m
231 88 47	140	0.409	E (J)	3277	2997	2731	2490	2267	2054	1858	RZR (m)	176	1.3	4.0	2.5	-3.4	-14.2	-30.5								
EVOLUTION	10.3	600	V (m/s)	810	770	731	693	657	621	587	⊕	100m	-0.4	⊕	-4.2	-13.5	-28.4	-49.8		✓	✓	✓	✓	✓		220m
231 54 32	159	0.369	E (J)	3379	3053	2752	2473	2223	1986	1775	RZR (m)	166	1.6	4.0	1.8	-5.5	-18.5	-37.9								
KEGELSPITZ	10.5	600	V (m/s)	820	781	743	706	670	635	602	⊕	100m	-0.5	⊕	-4.0	-12.9	-27.2	-47.7		✓	✓	✓	✓			220m
211 84 83	162	0.381	E (J)	3530	3202	2898	2617	2357	2117	1903	RZR (m)	169	1.5	4.0	2.1	-4.8	-17.2	-35.7								
HMK	11.2	600	V (m/s)	810	771	734	697	662	628	594	⊕	100m	-0.4	⊕	-4.1	-13.3	-28.1	-49.1		✓	✓	✓	✓	✓		220m
211 75 92	173	0.383	E (J)	3674	3329	3017	2721	2454	2209	1976	RZR (m)	167	1.6	4.0	1.9	-5.3	-18.1	-37.1								
ID CLASSIC	11.5	600	V (m/s)	810	769	728	689	651	615	580	⊕	100m	-0.4	⊕	-4.2	-13.6	-28.8	-50.5		✓	✓	✓	✓			200m
211 86 10	177	0.356	E (J)	3773	3400	3047	2730	2437	2175	1934	RZR (m)	166	1.6	4.0	1.8	-5.6	-18.7	-38.4								

.308 WIN.



EVOLUTION GREEN ●	9.0	600	V (m/s)	885	836	789	745	702	659	618	⊕	100m	-0.7	⊕	-3.2	-10.8	-23.4	-41.7		✓	✓	✓			240m	
240 86 44	139	0.318	E (J)	3525	3145	2801	2498	2218	1954	1719	RZR (m)	177	1.2	4.0	2.8	-2.9	-13.5	-29.8								
EVO. GREEN SHORT RIFLE ●	9.0	500	V (m/s)	900	852	806	761	717	676	636	⊕	100m	-0.8	⊕	-3.0	-10.2	-22.2	-39.6		✓	✓	✓			-300m	
241 17 83	139	0.332	E (J)	3645	3267	2923	2606	2313	2056	1820	RZR (m)	169	1.2	4.0	3.0	-2.2	-12.2	-27.6								
KEGELSPITZ	9.7	600	V (m/s)	850	799	750	703	657	613	572	⊕	100m	-0.6	⊕	-3.8	-12.6	-27.0	-48.1		✓	✓	✓	✓			230m
211 77 03	150	0.298	E (J)	3504	3096	2728	2397	2093	1822	1587	RZR (m)	171	1.4	4.0	2.3	-4.5	-16.9	-36.0								
ID CLASSIC	9.7	600	V (m/s)	860	810	761	714	669	625	583	⊕	100m	-0.6	⊕	-3.6	-12.1	-26.0	-46.2		✓	✓	✓	✓			230m
211 77 11	150	0.303	E (J)	3587	3182	2809	2473	2171	1895	1648	RZR (m)	173	1.4	4.0	2.4	-4.0	-16.0	-34.2								
HIT SHORT RIFLE ●	9.7	500	V (m/s)	870	830	791	753	716	680	646	⊕	100m	-0.7	⊕	-3.2	-10.7	-23.1	-40.7		✓	✓	✓	✓			210m
240 66 15	150	0.386	E (J)	3671	3341	3035	2750	2486	2243	2024	RZR (m)	180	1.3	4.0	2.8	-2.7	-13.0	-28.7								
HIT ●	10.7	600	V (m/s)	820	785	750	716	683	651	620	⊕	100m	-0.5	⊕	-3.9	-12.5	-26.4	-46.1		✓	✓	✓	✓			170m
231 88 45	165	0.420	E (J)	3597	3297	3009	2743	2496	2267	2057	RZR (m)	170	1.5	4.0	2.1	-4.5	-16.5	-34.2								
SPEED TIP PRO	10.7	600	V (m/s)	830	794	760	726	692	659	627	⊕	100m	-0.6	⊕	-3.7	-12.0	-25.5	-44.7		✓	✓	✓	✓			270m
240 12 26	165	0.422	E (J)	3686	3373	3090	2820	2562	2323	2103	RZR (m)	173	1.5	4.0	2.4	-4.0	-15.4	-32.6								
SPEED TIP PRO SHORT RIFLE	10.7	500	V (m/s)	830	794	760	726	693	661	630	⊕	100m	-0.6	⊕	-3.7	-12.0	-25.5	-44.6		✓	✓	✓	✓			270m
240 66 16	165	0.421	E (J)	3686	3373	3090	2820	2569	2338	2123	RZR (m)	173	1.5	4.0	2.3	-4.0	-15.5	-32.5								
SPEED TIP	10.7	600	V (m/s)	820	789	758	728	699	671	643	⊕	100m	-0.5	⊕	-3.7	-12.1	-25.5	-44.4		✓	✓	✓	✓			270m
231 81 72	165	0.478	E (J)	3597	3330	3074	2835	2614	2409	2212	RZR (m)	172	1.5	4.0	2.2	-4.1	-15.5	-32.4								
DOPPELKERN	10.7	600	V (m/s)	800	750	702	656	611	569	528	⊕	100m	-0.3	⊕	-4.7	-15.1	-32.1	-56.6		✓	✓	✓	✓			190m
211 79 08	165	0.293	E (J)	3424	3009	2637	2302	1997	1732	1491	RZR (m)	160	1.7	4.0	1.3	-7.1	-22.2	-44.8								
HMK	11.7	600	V (m/s)	760	720	681	644	607	572	539	⊕	100m	-0.1	⊕	-5.2	-16.2	-34.0	-59.3		✓	✓	✓	✓			220m
211 76 65	181	0.356	E (J)	3379	3033	2713	2426	2155	1914	1700	RZR (m)	156	1.9	4.0	0.8	-8.3	-24.1	-47.4								

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

BULLET ITEM NUMBER	WEIGHT Grams g Grains gr	Barrel Length mm BC											⊕ RZR*							Recommended 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.



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	✓	✓	✓	✓	✓	
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	10,7	650	V (m/s)	952	913	876	841	807	773	740	⊕	100m	-1,0	⊕	-2,2	-7,8	-17,2	-30,7	✓	✓	✓	✓	✓	300m
231 81 73	165	0,426	E (J)	4849	4460	4105	3784	3484	3197	2930	RZR (m)	202	1,0	4,0	3,8	0,2	-7,2	-18,7	✓	✓	✓	✓	✓	
SPEED TIP PRO	10,7	650	V (m/s)	980	940	902	864	830	796	762	⊕	100m	-1,1	⊕	-1,9	-7,1	-15,9	-28,5	✓	✓	✓	✓	✓	+300m
240 12 20	165	0,422	E (J)	5138	4727	4353	3994	3686	3390	3106	RZR (m)	209	0,9	4,0	4,1	0,9	-5,8	-16,4	✓	✓	✓	✓	✓	
SPEED TIP PRO SHORT RIFLE	10,7	500	V (m/s)	980	939	898	859	821	785	749	⊕	100m	-1,1	⊕	-1,9	-7,2	-16,1	-29,0	✓	✓	✓	✓	✓	+300m
240 86 34	165	0,405	E (J)	5138	4717	4314	3948	3606	3297	3001	RZR (m)	206	0,9	3,9	4,0	0,7	-6,3	-17,2	✓	✓	✓	✓	✓	
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



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	✓	✓	✓	✓	✓	
SPEED TIP PRO SHORT RIFLE *	11,7	600	V (m/s)	795	758	722	687	654	621	588	⊕	100m	-0,4	⊕	-4,3	-13,9	-29,2	-50,8	✓	✓	✓	✓	✓	300m
241 18 67	181	0,394	E (J)	3697	3361	3050	2761	2502	2256	2023	RZR (m)	161	1,6	4,0	1,6	-6,0	-19,3	-38,9	✓	✓	✓	✓	✓	

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

BULLET ITEM NUMBER	WEIGHT Grams g Grains gr	Barrel Length mm BC	0m	50m	100m	150m	200m	250m	300m	⊕ RZR*	Recommended Effective Range																
											50m	100m	150m	200m	250m	300m	350m	400m	450m	500m	550m	600m	650m	700m			
HIT	●	10,4	600	V (m/s)	830	786	744	704	666	628	592	⊕	100m	-0,5	⊕	-3,9	-12,8	-27,2	-47,9	✓	✓	✓	✓	✓	✓	✓	150m
231 92 08		160	0,338	E (J)	3572	3203	2870	2570	2300	2045	1817	RZR (m)	170	1,5	4,0	2,1	-4,7	-17,1	-35,7								
HIT SHORT RIFLE	●	10,4	500	V (m/s)	835	791	748	708	670	632	596	⊕	100m	-0,5	⊕	-3,9	-12,6	-26,8	-47,2	✓	✓	✓	✓	✓	✓	✓	190m
240 84 75		160	0,338	E (J)	3615	3244	2901	2599	2328	2071	1842	RZR (m)	169	1,4	3,9	2,0	-4,8	-17,1	-35,5								
HMK		12,1	600	V (m/s)	790	745	702	661	620	582	545	⊕	100m	-0,3	⊕	-4,7	-15,0	-31,7	-55,7	✓	✓	✓	✓	✓	✓	✓	200m
211 79 16		187	0,326	E (J)	3776	3358	2981	2643	2326	2049	1797	RZR (m)	160	1,7	4,0	1,2	-7,1	-21,9	-43,9								
ID CLASSIC		12,8	600	V (m/s)	775	735	696	658	622	587	553	⊕	100m	-0,2	⊕	-4,8	-15,4	-32,2	-56,2	✓	✓	✓	✓	✓	✓	✓	180m
211 92 26		198	0,360	E (J)	3844	3457	3100	2771	2476	2205	1957	RZR (m)	159	1,8	4,0	1,1	-7,4	-22,3	-44,3								
EVOLUTION		13,0	600	V (m/s)	745	705	666	628	592	557	523	⊕	100m	0,0	⊕	-5,5	-17,3	-36,0	-62,7	✓	✓	✓	✓	✓	✓	✓	210m
231 62 01		201	0,350	E (J)	3608	3231	2883	2563	2278	2017	1778	RZR (m)	153	2,0	4,0	0,5	-9,3	-26,1	-50,8								
EVOLUTION GREEN	●	9,0	600	V (m/s)	865	818	773	729	686	645	606	⊕	100m	-0,7	⊕	-3,4	-11,5	-24,8	-44,0	✓	✓	✓	✓	✓	✓	✓	240m
231 83 26		139	0,327	E (J)	3367	3011	2689	2391	2118	1872	1653	RZR (m)	176	1,4	4,0	2,6	-3,4	-14,7	-31,9								
HIT	●	10,4	600	V (m/s)	805	762	719	677	636	597	560	⊕	100m	-0,4	⊕	-4,4	-14,1	-29,9	-52,7	✓	✓	✓	✓	✓	✓	✓	130m
231 92 07		160	0,338	E (J)	3360	3011	2680	2376	2097	1848	1626	RZR (m)	164	1,6	4,0	1,7	-6,0	-19,8	-40,6								
SPEED TIP PRO		11,7	600	V (m/s)	745	709	674	641	608	576	545	⊕	100m	-0,1	⊕	-5,3	-16,7	-34,6	-60,0	✓	✓	✓	✓	✓	✓	✓	270m
241 00 15		180	0,394	E (J)	3237	2932	2650	2396	2156	1935	1732	RZR (m)	149	1,9	4,0	0,7	-8,7	-24,6	-48,0								
ID CLASSIC		12,8	600	V (m/s)	750	711	673	636	600	566	533	⊕	100m	-0,1	⊕	-5,4	-16,8	-35,1	-61,0	✓	✓	✓	✓	✓	✓	✓	160m
211 92 34		198	0,360	E (J)	3600	3235	2899	2589	2304	2050	1818	RZR (m)	154	1,9	4,0	0,6	-8,9	-25,2	-49,1								
EVOLUTION		13,0	600	V (m/s)	695	656	619	583	548	515	483	⊕	100m	0,4	⊕	-6,8	-20,8	-42,9	-74,4	✓	✓	✓	✓	✓	✓	✓	200m
231 62 00		201	0,350	E (J)	3140	2797	2491	2209	1952	1724	1516	RZR (m)	145	2,4	4,0	-0,8	-12,8	-32,9	-62,4								
EVOLUTION GREEN	●	9,0	650	V (m/s)	1019	966	916	869	824	780	738	⊕	100m	-1,2	⊕	-1,7	-6,7	-15,3	-28,0	✓	✓	✓	✓	✓	✓	✓	+300m
231 85 47		139	0,327	E (J)	4673	4199	3776	3398	3055	2738	2451	RZR (m)	213	0,8	4,0	4,3	1,3	-5,2	-15,9								
HIT	●	10,4	650	V (m/s)	970	921	873	828	785	742	700	⊕	100m	-1,1	⊕	-2,2	-7,9	-17,6	-31,8	✓	✓	✓	✓	✓	✓	✓	270m
231 92 09		160	0,338	E (J)	4879	4398	3952	3555	3195	2855	2541	RZR (m)	201	1,0	4,0	3,9	0,1	-7,6	-19,7								
SPEED TIP PRO		11,7	650	V (m/s)	930	889	849	812	775	738	703	⊕	100m	-0,9	⊕	-2,5	-8,6	-18,9	-33,7	✓	✓	✓	✓	✓	✓	✓	+300m
241 00 17		180	0,394	E (J)	5045	4610	4204	3846	3503	3177	2882	RZR (m)	181	1,1	4,0	3,6	-0,6	-8,8	-21,6								
KEGELSPITZ		11,7	650	V (m/s)	950	897	847	798	751	705	661	⊕	100m	-1,0	⊕	-2,4	-8,8	-19,4	-35,0	✓	✓	✓	✓	✓	✓	✓	270m
211 81 49		181	0,310	E (J)	5280	4707	4197	3725	3299	2908	2556	RZR (m)	193	1,0	4,0	3,5	-0,8	-9,4	-23,1								
HMK		12,1	650	V (m/s)	945	895	847	800	755	712	670	⊕	100m	-1,0	⊕	-2,5	-8,8	-19,4	-34,8	✓	✓	✓	✓	✓	✓	✓	300m
211 81 14		187	0,326	E (J)	5403	4846	4340	3872	3449	3067	2716	RZR (m)	193	1,0	4,0	3,5	-0,8	-9,4	-22,9								
EVOLUTION		13,0	650	V (m/s)	895	850	807	765	724	684	646	⊕	100m	-0,8	⊕	-3,0	-10,1	-22,0	-39,1	✓	✓	✓	✓	✓	✓	✓	300m
231 65 22		201	0,350	E (J)	5207	4696	4233	3804	3407	3041	2713	RZR (m)	184	1,2	4,0	3,1	-2,1	-11,9	-27,0								

8 x 57 JS**8 x 57 JRS****8 x 68 S**

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

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

9,3 x 62



BULLET ITEM NUMBER	WEIGHT Grams g Grains gr	Barrel Length mm BC		0m	50m	100m	150m	200m	250m	300m	⊕ RZR*	50m	100m	150m	200m	250m	300m	Recommended Effective Range			
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			
KEGELSPIZT	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			
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	16.2	600	V (m/s)	777	745	713	683	654	625	597	⊕	100m	-0.3	⊕	-4.5	-14.3	-29.9	-51.7	✓ ✓ ✓ ✓ ✓		200m
240 70 09	250	0.447	E (J)	4890	4496	4118	3779	3464	3164	2887	RZR (m)	163	1.7	4.0	1.5	-6.3	-19.8	-39.6			
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			

.338 LAPUA MAG.



EVOLUTION GREEN *	●	11.7																	✓ ✓ ✓ ✓ ✓	+300m		
241 17 86		180																				
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			

* Ballistic data on www.rws-ammunition.com

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BULLET ITEM NUMBER	WEIGHT Grams g Grains gr	Barrel Length mm BC	0m	50m	100m	150m	200m	250m	300m	⊕ RZR*	Recommended Effective Range														
											50m	100m	150m	200m	250m	300m	350m	400m	450m	500m	550m	600m			
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		✓	✓	✓	✓	✓	160m
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	3875	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)	710	675	642	609	576	545	515	⊕	100m	0.2	⊕	-6.1	-18.9	-39.1	-67.6		✓	✓				150m
231 94 67	250	0.395	E (J)	4084	3692	3340	3005	2688	2407	2149	RZR (m)	149	2.2	4.0	-0.1	-10.9	-29.0	-55.5							
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							
UNI CLASSIC	16.2	650	V (m/s)	875	847	821	795	769	743	718	⊕	100m	-0.8	⊕	-2.8	-9.6	-20.5	-35.8		✓	✓	✓	✓		140m
211 83 78	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							
GR SPEC.	12.0	650	V (m/s)	890	790	696	610	531	460	399	⊕	100m	-0.5	⊕	-4.6	-15.8	-35.9	-67.9		✓	✓	✓	✓		200m
231 75 38	185	0.153	E (J)	4753	3745	2906	2233	1692	1270	955	RZR (m)	160	1.5	4.0	1.4	-7.8	-25.9	-55.8							
HIT ●	13.0	650	V (m/s)	865	808	753	700	650	602	556	⊕	100m	-0.6	⊕	-3.7	-12.5	-27.0	-48.4		✓	✓	✓	✓	✓	200m
240 42 54	201	0.268	E (J)	4863	4244	3686	3185	2746	2356	2009	RZR (m)	171	1.4	4.0	2.3	-4.5	-17.1	-36.4							
TEILMANTEL RUND	16.5	650	V (m/s)	760	701	645	592	542	494	451	⊕	100m	0.0	⊕	-5.9	-18.9	-40.2	-71.7			✓				150m
231 49 85	255	0.240	E (J)	4765	4054	3432	2891	2424	2013	1678	RZR (m)	150	2.0	4.0	0.1	-10.9	-30.2	-59.7							
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							
SPEED TIP PRO	18.5	650	V (m/s)	800	762	725	689	653	619	585	⊕	100m	-0.4	⊕	-4.3	-13.7	-29.0	-50.6		✓	✓	✓	✓		300m
240 29 20	286	0.379	E (J)	5920	5371	4862	4391	3944	3544	3166	RZR (m)	165	1.6	4.0	1.7	-5.7	-19.0	-38.6							
TEILMANTEL BONDED	25.9	650	V (m/s)	710	664	620	576	534	495	461	⊕	100m	0.3	⊕	-6.7	-20.8	-43.6	-76.5		✓	✓	✓	✓		180m
240 52 87	400	0.298	E (J)	6528	5710	4978	4296	3693	3173	2752	RZR (m)	145	2.3	4.0	-0.7	-12.8	-33.6	-64.5							

9,3 x 74 R**.375 H&H MAG.****10,3 x 60 R****10,3 x 68 MAG.**

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

TARGET ELITE PLUS MATCH PATRONE

BULLET ITEM NUMBER	WEIGHT Grams g Grains gr	Barrel Length mm	0m	50m	100m	150m	200m	250m	300m	RZR*	50m	100m	150m	200m	250m	300m	BC		
.223 Rem.																			
TARGET ELITE PLUS	3.36	600	V [m/s]	1056	966	882	799	720	645	577	⊕	100m	-1.2	⊕	-2.0	-7.8	-18.5	-35.1	0.195
241 16 33	52		E [J]	1896	1586	1322	1085	881	707	566	RZR [m]	164	0.8	4.0	4.0	0.2	-8.5	-23.1	
.223 Rem.																			
TARGET ELITE PLUS	5.0	600	V [m/s]	785	746	708	672	637	602	569	⊕	100m	-0.3	⊕	-4.6	-14.6	-30.7	-53.6	0.373
240 38 68	77		E [J]	1541	1391	1253	1129	1014	906	809	RZR [m]	162	1.7	4.0	1.4	-6.6	-20.7	-41.6	
6.5 Creedmoor																			
TARGET ELITE PLUS	8.4	610	V [m/s]	869	841	813	786	759	733	708	⊕	100m	-0.3	⊕	-3.4	-10.9	-22.5	-38.8	0.548
240 97 62	130		E [J]	3173	2970	2777	2595	2422	2259	2104	RZR [m]	178 m	1.7	4.0	2.5	-2.9	-12.6	-26.8	
6.5 x 55 SE																			
TARGET ELITE PLUS	8.4	650	V [m/s]	830	805	780	756	733	709	686	⊕	100m	-0.6	⊕	-3.4	-11.1	-23.4	-40.6	0.603
240 69 97	130		E [J]	2893	2722	2555	2400	2257	2111	1977	RZR [m]	176	1.4	3.9	2.5	-3.3	-13.6	-28.8	
.308 Win.																			
TARGET ELITE PLUS	10.0	600	V [m/s]	890	852	815	779	744	709	676	⊕	100m	-0.8	⊕	-2.9	-9.8	-21.2	-37.5	0.412
240 86 32	154		E [J]	3961	3630	3321	3034	2768	2513	2285	RZR [m]	184	1.1	3.9	3.0	-2.0	-11.4	-25.7	
.308 Win.																			
TARGET ELITE PLUS	10.9	600	V [m/s]	810	776	743	711	680	649	620	⊕	100m	-0.5	⊕	-4.0	-12.8	-27.0	-47.0	0.438
240 38 67	168		E [J]	3576	3282	3009	2755	2520	2296	2095	RZR [m]	169	1.5	4.0	2.0	-4.8	-16.9	-34.9	
.308 Win.																			
TARGET ELITE PLUS	12.3	650	V [m/s]	796	768	741	713	687	661	636	⊕	100m	-0.4	⊕	-4.0	-12.9	-27.0	-46.7	0.528
240 86 33	190		E [J]	3897	3627	3377	3126	2903	2687	2488	RZR [m]	167 m	1.5	3.9	1.8	-5.1	-17.2	-35.0	
.300 Win. Mag.																			
TARGET ELITE PLUS	11.3	650	V [m/s]	932	899	867	836	806	777	747	⊕	100m	-1.0	⊕	-2.3	-8.1	-17.6	-31.3	0.498
241 16 81	174		E [J]	4908	4566	4247	3949	3670	3411	3153	RZR [m]	188	1.0	4.0	3.8	0.0	-7.6	-19.2	
.300 Win. Mag.																			
TARGET ELITE PLUS	12.3	650	V [m/s]	875	846	817	789	761	734	707	⊕	100m	-0.8	⊕	-2.9	-9.7	-20.8	-36.4	0.530
240 38 66	190		E [J]	4709	4402	4105	3829	3562	3313	3074	RZR [m]	186	1.2	4.0	3.1	-1.7	-10.8	-24.4	
.338 Lapua Mag.																			
TARGET ELITE PLUS	19.4	650	V [m/s]	780	759	739	719	699	680	661	⊕	100m	-0.4	⊕	-4.1	-13.0	-26.9	-46.1	0.708
240 51 20	299		E [J]	5901	5588	5297	5015	4739	4485	4238	RZR [m]	168	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



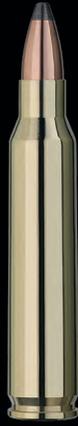
CALIBER	ITEM NUMBER	GRAMM / GRAIN
7 x 64 CINESHOT	241 29 65	9,0g / 139gr
.308 CINESHOT	241 29 67	9,5g / 147gr
.30-06 CINESHOT	241 29 62	9,5g / 147gr
.300 Win. Mag. CINESHOT	241 29 63	9,5g / 147gr
8 x 57 JS CINESHOT	241 29 64	12,1g / 187gr
9,3 x 62 CINESHOT	241 29 66	12,7g / 196gr



.270 HORNET
Teilmantel Spitz 3.0g



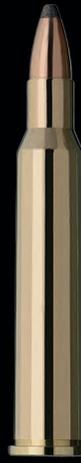
.222 REM.
Match Jagd 3.4g



.223 REM.
Teilmantel Spitz 3.6g



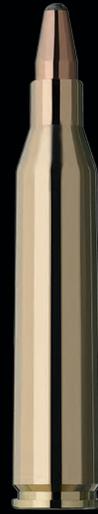
5,6 x 50 MAG.
Teilmantel Spitz 4.1g



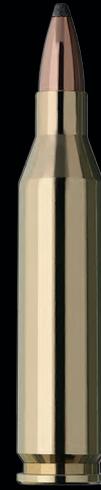
5,6 x 50 R MAG.
Teilmantel Spitz 4.1g



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
Target Elite Match 8.4g



6,5 x 57
Doppelkern 9.1g



.270 Win.
HIT 8.4g



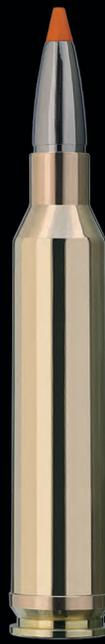
.270 WSM
Evolution Green 6.2g



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 9.7g



7 x 65 R
HMK 11.2g



.308 Win.
Kegelspitz 9.7g



.30-06 SHORT RIFLE
Speed Tip Professional 10.7g



.30 R Blaser
UNI Classic 11.7g

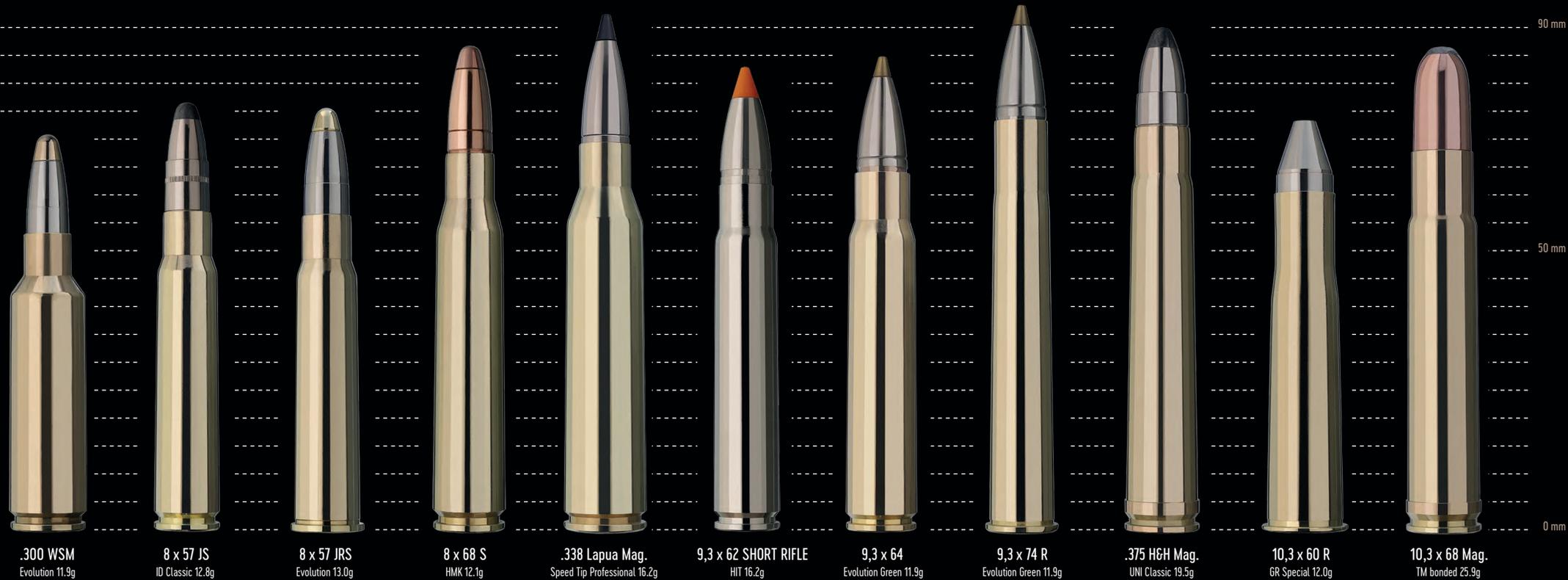
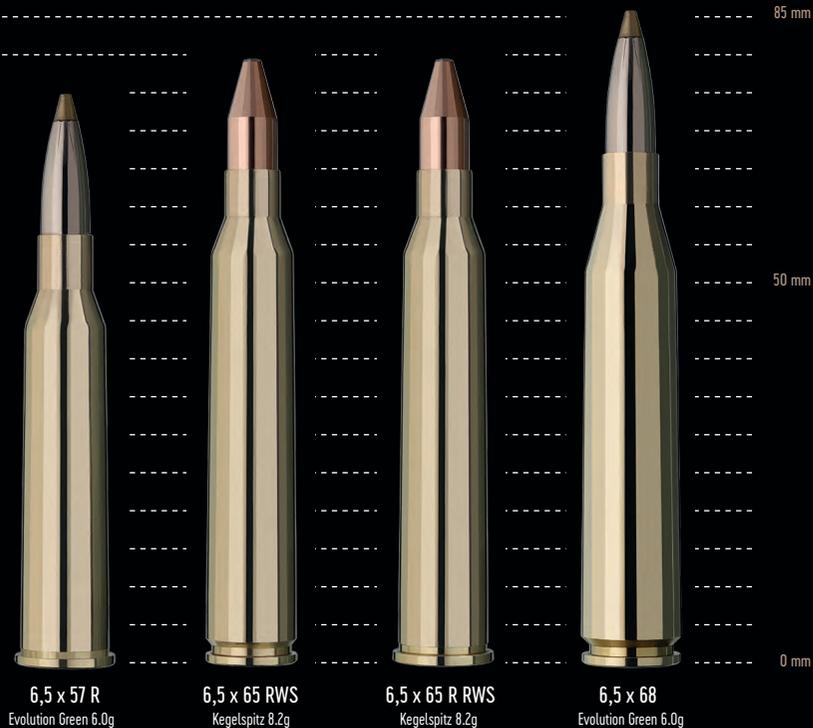


.300 Win. Mag.
Doppelkern 10.7g

CARTRIDGE PARADE

No Two Calibers Alike

The RWS 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 caliber perform compared to the others? All cartridges are illustrated at a scale of 1:1.



#RWSPROHUNTER

Honest feedback from our RWS community is not only important to our business, but also motivates us and challenges us to optimize and innovate. But what do experienced hunters and huntresses actually say about our ammunition? And what sets every single RWS cartridge apart?

The RWS ProHunters are here to share their experiences with you...



WHAT DO YOU VALUE MOST ABOUT RWS RIFLE AMMUNITION?

The RWS brand has been around since 1886. For many years, its speciality has been rifle ammunition – you notice that at the range as well as in the field. In our hunting school, we can thoroughly test RWS hunting ammo or try it out with our young hunters. And we are delighted in the accuracy achieved by a wide range of shooters with high-quality RWS cartridges! The fact that multiple shooters –including eyeglass wearers – achieved groups the size of a 2 € coin just knocked our socks off. That encouraged us to go one step further: We dipped our toes into ballistics and, following the manufacturer's recommendations, tried using it for hunting as well. In the hunting field, we have been delighted again and again with the quality and accuracy of RWS ammunition at both short and long ranges.

 [mina_outdoors](#)

RWS stands for decades of tradition and experience. Yet this manufacturer never fails to be on the ball with neat innovations that cater to the latest trends. No wonder RWS rifle ammunition offers uncompromisingly constant quality and reliability. They have now shown their worth to three generations of my family – and counting.

 [huntingfelix](#)



WHAT CALIBER DO YOU SHOOT AND WHY?

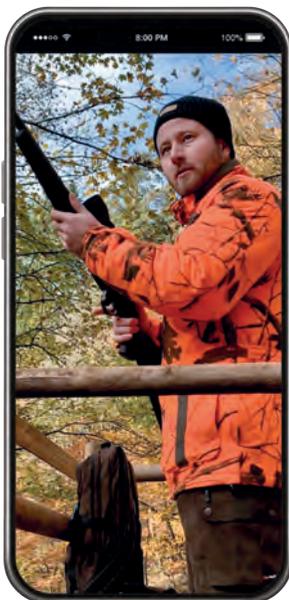
I shoot the RWS .308 Win. HIT and the RWS .308 Win. Short Rifle HIT – for me, this cartridge is a real all-rounder! More and more hunting leaseholds (especially state forests) now prescribe the use of lead-free cartridges. As a hunter 'for the pot', I pay close attention to the cleanliness of the meat. With the RWS HIT, I have found a bullet that always leaves an exit wound, causes little meat damage, and leaves the animal dead not far from where it was struck. Besides that, thanks to the new RWS Short Rifle HIT, I am now able to shoot my caliber of choice from short barrels as well. RWS also offers a lead-free bullet for various rifles (with short as well as long barrels), with attributes in which I have absolute confidence and upon which I can always rely.

 [frederic_kn](#)

RWS Doppelkern in 6.5 x 57 R – this bullet is just perfect for my hunting needs! This is a cartridge that is outstandingly effective on roe deer as well as wild boar. As a new hunter, I am really glad to have the RWS team on my side. I really appreciate how they have supported me in my need for a suitable rifle loading in addition to providing me with comprehensive explanations of how the bullets work.

 [jagdmadl](#)



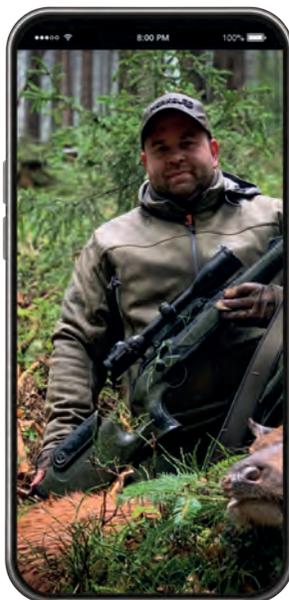


WHICH HUNTING TREND FASCINATES YOU MOST?

We grew up in a conservative hunting family. Despite this, we consider innovations like the silencer to make absolute sense. We are only guests of nature and should do everything in our power to disturb it as little as possible and to hunt as effectively as we can!



huntingroom



WHAT EXCITES YOU ABOUT RWS?

What excites me is RWS' extensive experience in the research and development of rifle ammunition. Additionally, I get the sense that many RWS associates are passionate hunters themselves who use their own field experiences to make constant improvements upon their products. Above all, I value the accuracy and reliability of RWS cartridges, upon which I can always rely regardless of the hunting situation.



mountbatten_hunting



Every lot of every loading has the exactly the same point of impact. In our case, we can shoot the ID Classic, the EVOLUTION GREEN, the HIT and the UNI Classic from the same gun with no significant change in point of impact. And don't forget the reliability! We fired over a thousand shots without a single dud.



huntingroom



Hunting with short-barreled rifles and silencers – that is the trend that fascinates me the most! Here in the Tirol, hunting with silencers has only just recently been allowed. Especially whilst stalking and mountain hunting, having a short-barreled rifle (with or without silencer) gives you an enormous advantage in that the rifle is made much handier. At this time, I use the RWS Short Rifle loading with the HIT bullet in my short-barreled .308 Win., a special loading tailored to shorter barrels.



alpenjaegerin



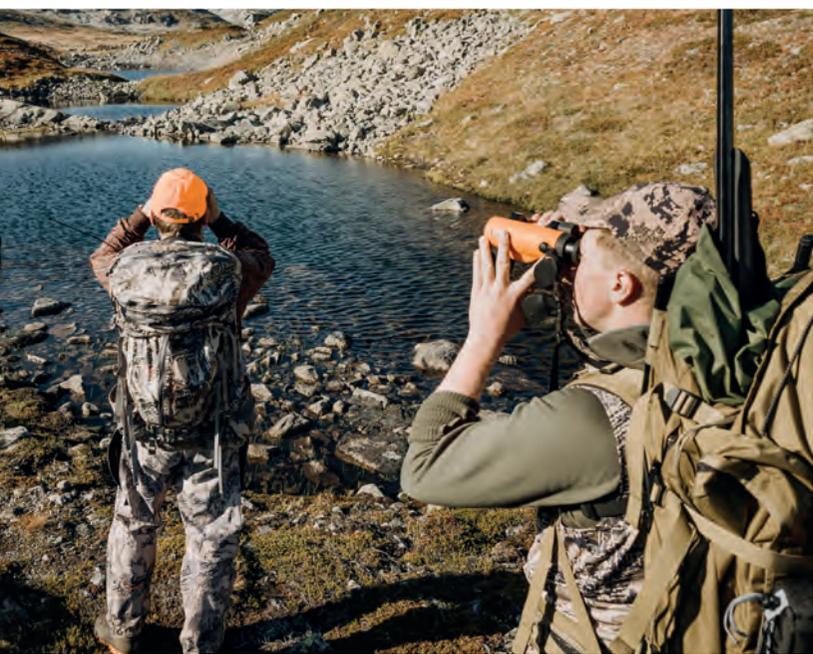
RWS offers a huge spectrum of hunting loads. Here the many different loadings are tailored to the needs of the individual hunter – and come in all common calibers! Whether lead or lead-free, expanding or fragmenting bullet – with RWS I can count on absolute reliability in every hunting situation.



the.passionist



Share with us:
#rwshunting | #theammunitioncounts





MOUNTAINS, FJORDS, WIDE OPEN SPACES

Tough Hunting in the Land of the Northmen



Norway brings to mind images of thick, scratchy wool sweaters knitted in zig-zag patterns, oil platforms atop stormy seas, and Viking-esque men with red-blond beards and forearms the size of thighs arm wrestling, drinking and singing loudly. It's true: Norway may be one of the wealthiest countries in Europe, but it is rough country.

Whoever hunts here is in for an adventure. This especially applies to the coastal regions with their craggy landscapes riddled with moors, rivers and lakes – driving wind, horizontal rain, thick fog and wet feet come at no extra charge. Africa is for tenderfoots. Norway is for tough guys like Vincent and Fabian Petrot, two brothers on the hunt for reindeer. The stalk is challenging, and the rugged cliffs of the impassable landscape demand their tribute. There is only one rule today: The journey is the destination. Here there are no high seats,

no tree stands, just walking, walking, walking. In between, you glass the landscape, find the game and identify it. Make a plan of attack and you're off!

The heavy pack on your back saps your strength, as does the ceaseless wind. The only thing that counts in the hunter's favor in this unreal landscape is his equipment – nothing else matters. In that one moment when the finger curls around the trigger, it must all come together and do only one thing: function.

With RWS ammunition, all details must work together – the performance, the accuracy, the effect. That is why RWS hunting bullets are the best in the world. Vincent and Fabian know this and trust in the Speed Tip Professional.



#rws hunting



GAME THROUGHOUT THE YEAR

Text: Ilka Dorn, Images: convergence

Venison from local fields and forests is trending. It is more popular than ever, and not just because we hunters have continuously evolved (and still continue to evolve!) into food suppliers and can now offer a first-class, often kitchen-ready food product at affordable prices. No, it is because people now recognize that venison, the meat of wild boar, stag, deer or hare, is a healthy delicacy that is available year-round as an alternative to ordinary meat products.

It is a natural resource. Not only that, but venison is an outstanding ambassador for hunting in general since, after all, the way to the heart is through the stomach! Naturally, tastes and preferences for specific game species are subject to regional and continental differences, but one thing unites hunters and game chefs the world over: The joy of preparing game that you harvested for yourself and your family and friends.

Modern game cuisine discredits an old prejudice that game dishes are to be enjoyed during the cold season. The use of venison as a healthy alternative to pork, beef and chicken has long been established in international kitchens. Roe deer tenderloin is much too nice for grilling, and it is a sacrilege to turn a juicy stag haunch into schnitzels. With the following recipes, we will show you how venison can be prepared year-round in different, exciting and surprising ways.





Tip: Each guest should be able to sprinkle the carpaccio with fresh lemon juice as it is served. If it is done ahead of time, the acidity will turn the meat grey.

SPRING

*Roe Venison Carpaccio
nestled on a bed of wild herbs with
a walnut oil and lemon vinaigrette*

Ingredients (Serves 4)

*1/2 fresh roe deer tenderloin, trimmed
250 g wild herb salad with a variety of edible
flowers, cleaned and washed
4 tbsp premium extra-virgin olive oil
4 lemon wedges
Fleur de sel
Freshly ground black pepper*

Walnut oil and lemon vinaigrette:

*Juice of one lemon
5 tbsp premium walnut oil
1/2 tsp sugar
1/4 tsp salt
Freshly ground green peppercorns*

Wrap the roe deer filet in several layers of plastic wrap so that it is as airtight as possible. Twist the ends of the wrap tightly so that it forms a firm, compact packet. Now wrap in two layers of aluminum foil and then twist those ends together. Then roll the packet on the countertop using the flats of your hands and put into the freezer. This should be done the evening before the final preparation.

About ten minutes before starting your preparation, remove the deer filet from the freezer and take off the aluminum foil. Put the lemon juice, salt, sugar and a pinch of green pepper into a screw-top glass jar and shake until the salt and sugar have dissolved. Now add the walnut oil and shake once more until it emulsifies. Season to taste and set it aside. Evenly distribute 1 tbsp olive oil onto each plate. Remove the plastic wrap from the filet and, with either a very sharp knife or a meat slicer, cut into paper-thin fillets. Immediately arrange the slices in a circle on each plate until it is completely covered.

Drape the herb salad across the middle of the plate, drizzle with the vinaigrette and then garnish with flowers. Season the carpaccio with some black pepper and a pinch of fleur de sel immediately before serving. Add a lemon wedge to each plate.



SUMMER*Sirloin Steaks from Stag
with Orange Sauce**Ingredients (Serves 4)**8 sirloin steaks from stag**Salt, pepper**2 tbsp oil**2 sprigs rosemary**1 shallot**40 g butter**6 juniper berries**50 ml white wine**400 ml game stock**50 ml orange liqueur**1 organic orange**6 kumquats*

Peel shallots, finely dice then braise lightly in hot butter. Add juniper berries, wine, game stock and orange liqueur and reduce for about 15 minutes. Wash orange in hot water and zest the peel. Remove the remaining peel entirely and segment the flesh of the orange. Season the orange sauce with salt, pepper and orange zest to taste.

Rinse the sirloin, pat dry, then cut it into steaks 2-3 cm thick. Season with salt and pepper. Heat oil in a pan and sear steaks on both sides, adding the rosemary sprigs. Reduce heat and finish browning the steaks. Remove from the pan, wrap in aluminum foil and allow to rest for a few minutes.

Rinse kumquats in hot water, cut into slices and add to the sauce along with the orange slices. Arrange steaks on the plates and top with the sauce. Polenta makes for a good pairing.



FALL

Game Terrine

Preheat oven to 130° C, grease baking pan and line generously with bacon strips. Combine the spices with the port and salt and add the meat. Knead this mixture thoroughly until the spices are evenly distributed.

Put the finished meat mixture into the pan, press it smooth and lay both bay leaves on top of it. Cover with the remainder of the bacon.

Put some water in a pan for drippings and allow the contents of the bread pan to cook slowly in the oven for three hours. The terrine is ready when pink juice no longer comes out when you press on it with a fork.

After confirming that it is done cooking, remove the terrine from the oven, let cool and refrigerate overnight. Placing a weighted plate on top of the loaf is recommended to ensure that the terrine remains firm as it cools. This allows it to be sliced more easily. Serve with salad, pickled vegetables and bread.

Ingredients (Serves 8)

250 g ground venison

250 g pork bratwurst

Breakfast bacon for wrapping

A small bread pan

50 ml port

2 bay leaves

Salt

Green peppercorns to taste

1–2 tsp dried herbs (Oregano,

Thyme, Rosemary)

1 clove garlic, crushed



WINTER

Wild Boar Goulash Soup



500 g trimmed wild pork

20 g dried porcini mushrooms

2 tbsp clarified butter

2 onions

1 clove garlic

100 g parsley root

2 tbsp sweet paprika

2 tbsp tomato paste

Salt & pepper, freshly ground

5 coriander seeds

1,25 l beef stock

300 g small champignon mushrooms

3 tbsp lemon juice

1 tsp lemon zest

2 tbsp butter

2 tbsp chopped chives

Clean and trim the meat. Give it a brief rinse in cold water, pat dry and cut into small pieces. Soak porcini in 1/8 liter hot water. Peel onions and garlic and dice both. Wash parsley root, peel and dice. Heat clarified butter in a soup pot, braise onions and garlic, then add meat and parsley root and sauté until browned. Fold in tomato paste and roast for a short time, adding salt and pepper to taste. Finely crush the coriander and add to the meat along with the powdered paprika. Pour in 1 liter of the beef stock.

Toss the porcini into a colander, setting aside the water they soaked in, then rinse and chop into large pieces. Add porcini and soaking water to the soup. Add more stock if necessary. Gently boil at low heat for 45 to 60 minutes until the meat is done. Clean champignons; cut into slices and use 2 tbsp lemon juice to coat. Heat the butter in a pan and braise the mushrooms in it. Add salt, pepper and a dash of lemon juice to taste. Add porcini to the soup and let rest for about 15 minutes. Season to taste. Garnish the soup with the chopped chives.



NOW IT GETS WILDER

Jonas, Marcel, Samuel and Tizian: 4 avid hunters and cooks who are reforming the image of hunting and defying obsolete prejudices against traditional hunting. We find their fresh approach to hunting and venison and their sustainable concept really inspiring and had a few questions for them...

HELLO, YOU GAME REBELS! INTERESTING NAME FOR YOUR GROUP. WHAT MAKES YOU SO REBELLIOUS?

Sam: Hi. It is always good to be a rebel!

Anyone can take the straight path! With our game rebellion, we want to interface hunting tradition with modern times. We are real pioneers in our work, especially when it comes to game. We see ourselves as 'venison ambassadors' – for wild-caught local game in particular. On the one hand, we want to wake hunters up and inspire them to treat their game more carefully and responsibly and to make something magical out of it. On the other hand, we have set a clear goal to

make enjoying game as food great again. To get away from the usual roast roe deer for Christmas and move toward more of a wild boar Asian wok in the beer garden at 27° C.

HOW DID THE GAME REBELS FIND EACH OTHER?

Tizian: Sam has worked for the Baden-Württemberg hunters' association (LJV) for quite some time and is in charge of promoting the marketing of venison. Thus arose the idea of finding a young, wild group to polish the dusty image of the typical hunter. This can't be done with 'Hubertus Vulgaris' draped in a loden coat with a hammer Drilling over his shoulder and a dachshund under his arm. Sam approached us all and asked if we were interested in doing something together. Each one of us is an absolute professional in his area of expertise and has great passion and fun doing it. Only a few of us had met one another beforehand and we were still just casual acquaintances at that point.

MARCEL, YOU WANT TO MAKE GAME 'GREAT AGAIN'.

HAS IT NOT BEEN GREAT IN THE RECENT PAST?

Game was always great and shall remain so. Making it great again means reminding people – in an age of vegan and vegetarian nutrition – about the advantages of venison. It really comes down to regionality, healthy nutrition and treating humans, animals and the environment in the right way. What could be better than venison from our own homeland?

YOU SPEAK OF SUSTAINABILITY. DO YOU USE EVERYTHING?

Jonas: We do our best to utilize the entire animal and not throw anything out. Unfortunately, that is not always possible since no one wants to eat some parts. I try out literally everything and am always coming up with new recipes for the less desirable parts. My roe tongue ravioli has become one of my trademarks! We have much to learn and can always do better in the future – we're working on it!

WHAT DOES HUNTING MEAN TO YOU?

ARE YOU ALL HUNTERS?

Sam: All of us! Simple answer... We are all very passionate and engaged in all aspects of hunting. Speaking for myself, thanks to my job at the LJV I was able to turn my greatest passion into my profession.

DO YOU HAVE YOUR OWN HUNTING LEASEHOLD? HOW IS IT SET UP?

Sam: Our own game rebel leasehold? Unfortunately, we are not there yet. But we do hunt together often. I have long been a hunting leaseholder. We have everything that makes it fun for us: Woods, fields and water. We travel throughout Germany during the fall and winter drive hunting season.

Jonas: I have two hunting leaseholds. One is urban with 180 hectares; the other is alpine and much larger at 700 ha. I spend most of my time there since I need my peace and quiet. It is a mix of woods and fields with a very high game population.



WildRebellen



Marcel: I hunt in my hometown for the most part with hunting friends from the area. We find all that the hunter's heart could desire there.

Tizian: I have opportunities to hunt at home, too. Other than that, we help each other out by sitting for game in areas damaged by foraging animals.

SAM, WHAT WAS YOUR GREATEST HUNTING ADVENTURE?

That would be either the whitetail buck I took with a bow in Canada or the old chamois buck I took on Grossglockner Mountain in Austria. I enjoy every moment I spend hunting and take in every detail with all my senses. Each hunt is a small adventure in itself.

TIZIAN, WHAT IS YOUR FAVORITE WILD MEAT?

I find that the most versatile meat for our grill or kitchen is wild boar. Juicy steaks, savory roasts, air-cured ham and other prepared products are just a few examples of the versatility of this species. There is something to suit all tastes. Piglets are the most appropriate choice for convincing those who do not eat game to try venison.

MARCEL, WHAT MAKES WILD GAME SO SPECIAL FOR YOU?

Wild meat is, for me, the best meat of all. The animals graze naturally and live according to their own rules with no live transport and no slaughterhouse stress. It's tasty meat but with good karma surrounding it.



ROE TENDERLOIN ASPARAGUS STRAWBERRIES PANCETTA

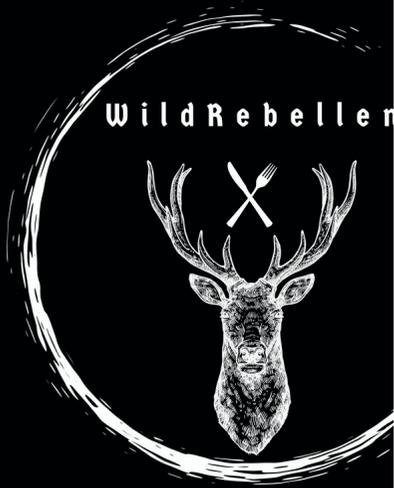
800 g roe tenderloin
8 stalks white asparagus
8 strawberries, quartered
8 slices pancetta
Olive oil
Juice of one lemon
Salt, pepper, sugar
2 leaves mint, chopped
Honey

Pare the white asparagus thoroughly and cut off the stub ends. Slice each asparagus into eighths lengthwise and season in a bowl with salt, pepper and some sugar. Allow to set for at least 30 minutes.

Remove the asparagus from its juices and grill. Squeeze one lemon into the reserved asparagus juice, then add 2 tbsp olive oil and honey to taste. Add chopped mint and marinate the quartered strawberries in this dressing.

Roast the pancetta until crispy then drain on a paper towel.

Remove tendons and fat from the roe tenderloin and roast on the grill. Afterwards, let the loin rest for about 7-10 minutes at the edge of the grill. After that, allow the loin to rest for about 2 minutes on the cutting board before carving into slices and seasoning generously with salt and pepper.



BRAISED ROE IN THE BIG GREEN EGG COUS COUS JOGURT MINT

Cut the meat into cubes, put into a large roasting pan and cook at high heat in the Big Green Egg. Add the diced vegetables along with all the spices and braise until golden brown. Deglaze with the wine and fill pan with broth.

Add some salt and pepper. Cover and let simmer for about 2 hours at 130° C. Remove the meat cubes and drain the reduction through a colander. Cook it down to about one liter and, if necessary, season to taste.

Season apple juice with salt and pepper and reduce. Pour over the couscous and let soak. Chop mint and garlic and combine with yogurt.

Season well with salt and pepper. Halve the king oyster mushrooms and grill with olive oil, seasoning with salt and pepper.

1800 g roe meat,
shoulder or neck cuts
2 onions, coarsely diced
1 celeriac root, coarsely diced
2 carrots, coarsely diced
1 leek stalk, coarsely diced
1 clove garlic
3 sprigs thyme
2 cloves
3 bay leaves
1 bunch parsley
7 peppercorns, crushed
1-1/2 l game stock or vegetable broth
2 bottles strong red wine
Salt, pepper
100 g couscous
250 ml apple juice
150 g yogurt
5 mint leaves
4 large king oyster mushrooms

JONAS, WHAT IS YOUR MOST UNUSUAL GAME RECIPE? Roe tenderloin Black Forest cake.

... AND YOUR QUICKEST GAME RECIPE, SAM?

I always have some venison Bolognese around in case I need to whip something up in a hurry. Otherwise, I like taking my time with the preparation.

WHAT IS THE MOST EXOTIC GAME THAT YOU HAVE PREPARED?

Marcel: I once made a ragout from a groundhog that I shot myself – it was a real treat!

WHAT DO YOU WISH THE FUTURE OF HUNTING TO BE LIKE?

Sam: We need to stop hiding! Hunting is both mission and passion! I think that hunting will be more widely accepted in the future. People are starting to care more about what they eat. There is much that we can achieve, especially when it comes to the sustainable usage of wild game.

Jonas: The times are changing and we dare not miss this opportunity. Hunting is not a hobby for me, but rather an important part of my life. If we all could see it this way and present this viewpoint to the public, then we would be making great strides in the right direction!

Marcel: A greater acceptance of hunting in the public arena and improved know-how for hunters when it comes to using game harvests more efficiently.



Foto: Daniel Schneider / Schneider-Fotos.de

Tizian: Our banner needs to advocate for a more thorough utilization of the game animal and more responsible treatment from the shot to the plate. Ideally, this means we will be able to utilize the wonderful foodstuff that is wild game as our mouth-piece for shedding a positive light on hunting in the public forum.

TIZIAN, HOW IMPORTANT IS IT FOR YOU TO SHOOT LEAD-FREE?

Well, in Baden-Württemberg we are required by law to hunt with lead-free ammunition. I think that it is possible to find good solutions on the market. Not only is the inherent accuracy of the bullet and

loading important, but the terminal ballistics, i.e. the killing power and meat protection, are as well.

MARCEL, DO YOU HAVE A PREFERRED BULLET THAT CAUSES MINIMAL MEAT DAMAGE? MAYBE EVEN FROM RWS?

My favorite bullet actually does come from RWS. The HIT bullet doesn't fragment and results in a nearly complete utilization of the harvested venison. As a master butcher who also hunts, that is especially important to me.



[instagram.com/wildrebellen/](https://www.instagram.com/wildrebellen/)
[facebook.com/wildrebellen/](https://www.facebook.com/wildrebellen/)

ROE SHOULDER ARABIAN AROMAS VANILLA VEGETABLES CHILI-SOY ESSENCE

Rub the roe shoulder with 1 tbsp ras el hanout and coarsely ground salt and pepper. Heat the grill to 80° C and place the shoulder onto the grill. Arrange orange peel, fresh garlic and a few sprigs of rosemary onto the shoulder and cook slowly for about 2-1/2 hours.

- 1 roe shoulder*
- 1 tbsp ras el hanout*
- Rosemary*
- Fresh garlic*
- Orange peel*
- 8 small potatoes, boiled*
- 8 baby carrots, boiled*
- 1 pod vanilla*
- 1 chili pepper*
- (not too hot)*
- Soy sauce*
- Fresh coriander*
- Salt, pepper, honey*
- 1 lemon*

Roast the potatoes and carrots on the grill and season with coarsely ground salt. Scrape out the vanilla pod, combine the contents with 3 tbsp olive oil and marinate the vegetables in the mixture.

Combine 4 tbsp soy sauce, 1 tbsp honey and 2 tbsp olive oil, and season with salt and pepper to taste. Chop coriander and chili pepper and add to soy sauce mixture. Marinate the roe shoulder in this essence after carving.

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.

**MORE
ACCURACY
& COST
SAVINGS**





"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

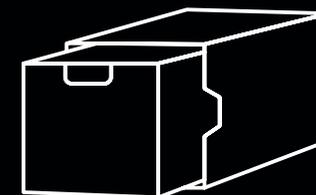
RWS offers an appropriate powder for every application. Whether it is fast- or slow-burning powder, RWS cooperates closely with renowned propellant manufacturers to offer a suitable powder for every application. We devote special

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

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.



RWS has new component packaging: practical access, labeling and storage, all in one sturdy carton.

Cases

CALIBER	ITEM NUMBER	PCS. / PACKAGE
.222 Rem.	241 27 01	200
.223 Rem.	241 27 02	200
5,6 x 57	241 27 05	100
6,5 Creedmoor	241 69 92	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	241 23 69	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
7 mm Rem. Mag.	241 23 77	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	241 23 74	100
.300 Win. Mag.	241 23 73	100
8 x 57 JS	241 23 78	100
8 57 JRS	241 23 79	100
8 x 68 S	241 23 80	100
8,15 x 46 R	241 23 81	100
9,3 x 62	241 23 82	100
9,3 x 64	241 23 83	50
9,3 x 74 R	241 23 85	50
.375 HGH Mag.	241 23 86	50
.338 Lap. Mag.	241 23 88	50
10,3 x 60 R	241 23 87	50
10,3 x 68 Mag.	241 69 95	50



BULLETS

CALIBER	ITEM NUMBER	GRAMMS / GRAINS	DIAMETER
CALIBER 5,6 mm			
TEILMANTEL SPITZ	214 61 77	3,0g / 46gr	.224
Match Jagd 100 / 1000 St.	214 57 82 / 214 68 43	3,0g / 46gr	.224
VMS	214 58 47	3,0g / 46gr	.224
TEILMANTEL SPITZ	214 56 50	3,24g / 50gr	.224
Match Jagd 100 / 1000 St.	231 33 43 / 231 33 44	3,4g / 52gr	.224
TEILMANTEL SPITZ	214 59 60	3,6g / 55gr	.224
TEILMANTEL SPITZ	214 57 90	4,1g / 63gr	.224
KEGELSPITZ	214 62 31	4,8g / 74gr	.224
TEILMANTEL SPITZ	214 56 42	4,6g / 71gr	.228
CALIBER 6 mm			
KEGELSPITZ	214 64 36	6,2g / 96gr	.243
TEILMANTEL SPITZ	214 56 77	6,5g / 100gr	.243
CALIBER 6,5 mm			
EVOLUTION GREEN ●	240 74 46	6,0g / 93gr	.264
KEGELSPITZ	214 64 60	8,2g / 127gr	.264
DOPPELKERN	231 14 63	9,1g / 140gr	.264
EVOLUTION	241 69 58	10,1g / 156gr	.264
TEILMANTEL RUND	214 56 85	10,3g / 159gr	.264
CALIBER 7 mm			
KEGELSPITZ	214 62 19	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
TEILMANTEL RUND	214 57 07	11,2g / 173gr	.284
HMK	214 60 29	11,2g / 173gr	.284
ID CLASSIC	214 55 37	11,5g / 177gr	.284
CALIBER .270			
EVOLUTION GREEN ●	241 69 60	6,2g / 96gr	.277
HMK	214 59 95	8,4g / 130gr	.277
SPEED TIP PROFESSIONAL	241 69 67	9,1g / 140gr	.277
KEGELSPITZ	214 64 28	9,7g / 150gr	.277
EVOLUTION GREEN ●	241 69 59	10,0g / 154gr	.277

CALIBER	ITEM NUMBER	GRAMMS / GRAINS	DIAMETER
CALIBER 7,62 mm / .30			
EVOLUTION GREEN ●	231 85 21	8,8g / 136gr	.308
SCORION (NEU)	241 69 66	10,9g / 168gr	.308
KEGELSPITZ	214 63 04	9,7g / 150gr	.308
ID CLASSIC	214 54 80	9,7g / 150gr	.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
HMK	214 60 10	11,7g / 180gr	.308
UNI CLASSIC	214 54 99	11,7g / 180gr	.308
EVOLUTION	231 59 59	11,9g / 184gr	.308
KEGELSPITZ	214 62 07	13,0g / 200gr	.308
UNI CLASSIC	231 47 19	13,0g / 200gr	.308
CALIBER 8 mm S			
EVOLUTION GREEN ●	231 85 22	9,0g / 139gr	.323
SPEED TIP PROFESSIONAL	241 69 62	11,7g / 180gr	.323
KEGELSPITZ	214 64 44	11,7g / 180gr	.323
HMK	214 60 53	12,1g / 187gr	.323
ID CLASSIC	214 55 10	12,8g / 198gr	.323
EVOLUTION	231 74 11	13,0g / 200gr	.323
CALIBER 8,6 mm			
SPEED TIP PROFESSIONAL	241 10 38	16,2g / 250gr	.338
CALIBER 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
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
CALIBER 10,3 mm			
HIT ●	241 69 65	13,0g / 200gr	.413
EVOLUTION GREEN ●	241 69 61	13,5g / 208gr	.413
KEGELSPITZ	214 58 71	16,4g / 253gr	.413
SPEED TIP PROFESSIONAL	241 69 64	18,8g / 285gr	.413
CALIBER .375			
UNI CLASSIC	214 59 28	19,5g / 301gr	.375

● = lead free



Propellant powder from RWS / Rottweil is eminently suitable for loading your own cartridges.



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 100 years. 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 channel 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 KS and TM 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.

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THANKS

We thank you for your interest in the RWS brand and our products. Thank you for trusting in us and for having our ammunition with you when you go to the target range and hunt in the field. Thanks for bringing us with you on your trips to Scotland, Norway, Argentina and Namibia, across the continents and to the ends of the earth. Whether on the stalk, on a drive hunt or in the blind; whether in driving snow, blazing sun, blinding rain or raging storm, RWS is with you. The cartridge belongs to you. To your hunt. To your hunting success. It is just as much yours as that fir sprig in your hatband. We are proud of our contribution to the joy you find in hunting.

The ammunition counts – choose RWS.

DISTINGUISHED



It is more than just hunting alone... RWS won the German Design Award for 2020. And we are very proud of it. After all, the German Design Award is judged by a first-rate international jury and is one of the most renowned design competitions in the world.

Awards are given to innovative products that bring us into the future. The successful relaunch of the traditional RWS marque – from the newly designed catalog which you now hold in your hands, to innovative new products like the Short Rifle cartridge, to new packaging designs and the ammunition app – convinced the demanding jury.

Many German Design Awards jurors had never been hunting or on a shooting range, yet we were able to reach out to them with our portfolio. Thanks to this award, not only our brand but also the milieu in which we operate has achieved new prominence. We now reach people who have never concerned

themselves with hunting and the shooting sports. We have awakened their attention and curiosity. That makes those of us here at RWS especially proud. In the end, it is all about helping outsiders to accept the necessity of hunting. Making them aware of the sustainability of hunting, the necessity of conservation and control of game populations, and of our responsibility to the active conservation of nature – that is what counts!

This prize motivates us. It strengthens us, transforming our passion for hunting and target shooting into the motivation to continue making high-quality products and to help hunters and sport shooters find new acceptance for their passion. We are on the right path. Come with us. It's our pleasure!





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