



SINCE 1886

# THE AMMUNITION COUNTS

CENTREFIRE  
RIFLE CARTRIDGES



## Outlook

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

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

The ammunition counts – choose RWS.

Waidmannsheil, your RWS Team

# THE AMMUNITION COUNTS

*Why hunters and marksmen worldwide trust the RWS brand*

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

The origin dates back to the year 1855. It was then that Heinrich Uttendoerffer began to produce ignition charges in his laboratory in Nuremberg. Three decades later, his laboratory was taken over by the „Rheinisch Westfälische Sprengstoff-Actien-Gesellschaft“ founded in Troisdorf in 1886, which explains the origin of the short form RWS. Even after the merger with the Fürth-based Dynamit Nobel AG, RWS continued to exist as an independent brand, which to this day has

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

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

**RWS  
THEN &  
NOW**





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



# DID YOU KNOW THAT ...

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

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

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

... bullet trajectories are measured by radar?

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





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

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

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

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

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



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



# INNOVATION-FRIENDLY

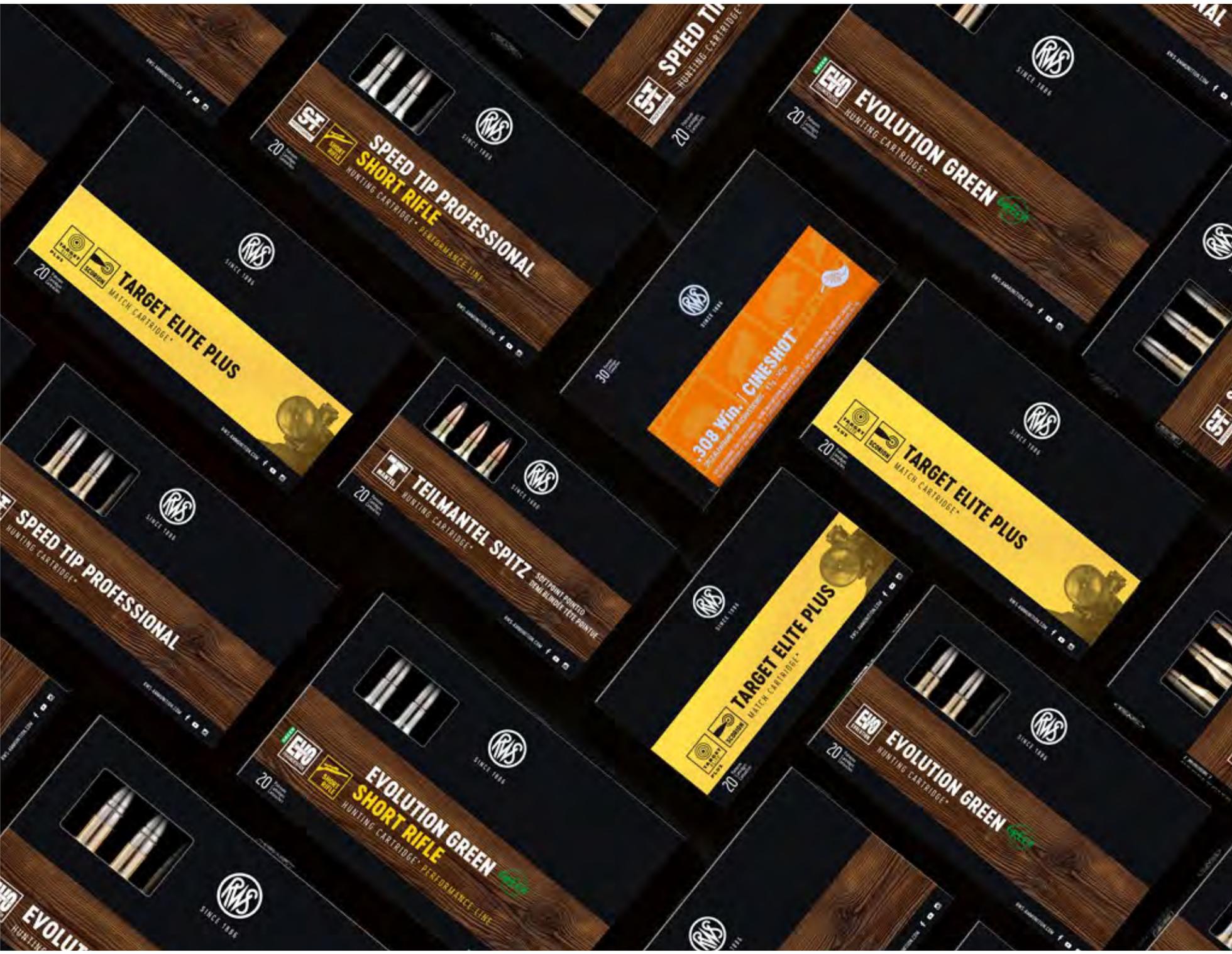
*Setting sights on the future*

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

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

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







# LEARN MORE

## *New Cartridge Packaging*

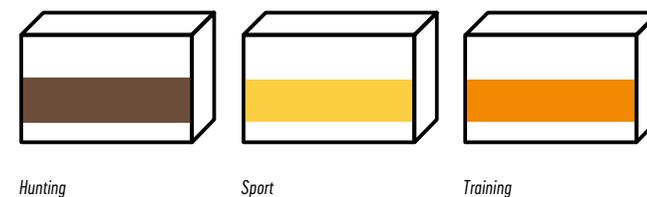
Thanks to the new design of the RWS cartridge packaging, you can keep track of things even better. The most important information such as calibre and bullet symbol are now also noted on the side – so even if the box is lying on its side in the safe, both are immediately visible. The elegantly designed hunting line with the wooden pattern – as a continuous beam – signals: for hunters. The viewing window in the RWS hunting ammunition packs also offers an exclusive preview of the brand's numerous bullets.



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

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

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





# FULL PERFORMANCE FROM SHORT BARRELS – 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 moderator doesn't become too cumbersome, shorter barrels measuring between 420 and 550 mm are ordered more often. But beware! Standard ammunition is set up for the typical barrel length of 600 mm. If this ammunition is fired from shorter barrels, it has the following disadvantages: Loss of velocity and energy, reduced effectiveness, intense muzzle flash, loud muzzle blast and accelerated wear on moderators. RWS has developed a loading that has been specially optimized for firing from short barrels without having to accept any reduction in performance – the SHORT RIFLE cartridge.

**IDEALLY SUITED  
FOR HUNTING WITH  
MODERATORS**

## **SPEED TIP PROFESSIONAL**

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



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



**GREEN**  
Bullseye Quality  
Lead-free Bullets

## **EVOLUTION GREEN**

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



**GREEN**  
Bullseye Quality  
Lead-free Bullets

OPTIMIZED,  
CONVINCING,  
SMART





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#### **REDUCED MUZZLE FLASH**

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

#### **FULL VELOCITY AND ENERGY**

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

#### **INCREASED EFFECTIVE RANGE**

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

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

#### **BEST FOR USE WITH MODERATORS**

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

#### **NICKELED CASES**

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

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



# 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: THE MODERN UPGRADE OF THE TRUSTED H-MANTEL BULLET**



**SPEED TIP PROFESSIONAL**

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



SPEED TIP PROFESSIONAL



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

# LONG RANGE EXPERTISE

*The path to long range success*

## **PRACTICE**

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

## **EQUIPMENT**

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

## **EXPERTISE**

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

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

## **WIND**

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

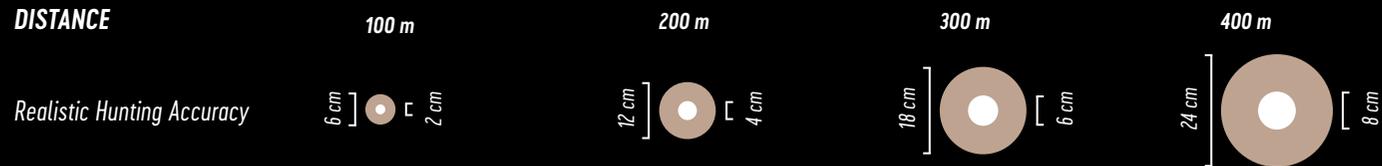
## **SUMMARY**

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



## SHOOTER DISPERSION

### DISTANCE

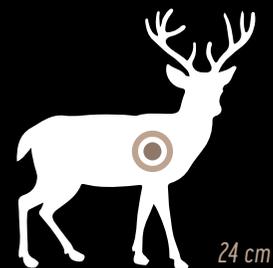


● Innate Accuracy of the Cartridge/Rifle   ● Shooter Dispersion when Hunting



### EFFECTIVE TARGET ZONES OF GAME

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



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

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

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



GREEN™  
LEAD-FREE BULLET

DRIVEN HUNT



GREEN™  
LEAD-FREE BULLET

HIT



GREEN™  
LEAD-FREE BULLET

EVOLUTION GREEN



SPEED TIP  
PROFESSIONAL



EVOLUTION



DOPPELKERN



KEGELSPITZ



ID CLASSIC



UNI CLASSIC



TEILMANTEL



MATCH JAGD



SPEED TIP





### BULLET SCORING: BULLET CHARACTERISTICS AT A GLANCE

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



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

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

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

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

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

# 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
- Reliable exit wound

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

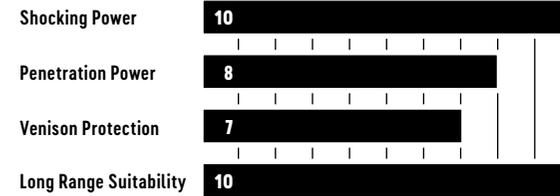




Nickel-plated surface  
for less barrel fouling



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



SPEED TIP PROFESSIONAL, total score: 35



Cal. .308 Win. at 200 m



# TARGET ELITE PLUS

MATCH CARTRIDGES IN HANDLOADER QUALITY

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

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

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





PLUS



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

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



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

# TARGET ELITE PLUS FEATURING SCORION

**MAXIMUM ACCURACY AT ALL DISTANCES.**

Latest generation HPBT match cartridge



High BC for unbeatable long-range performance

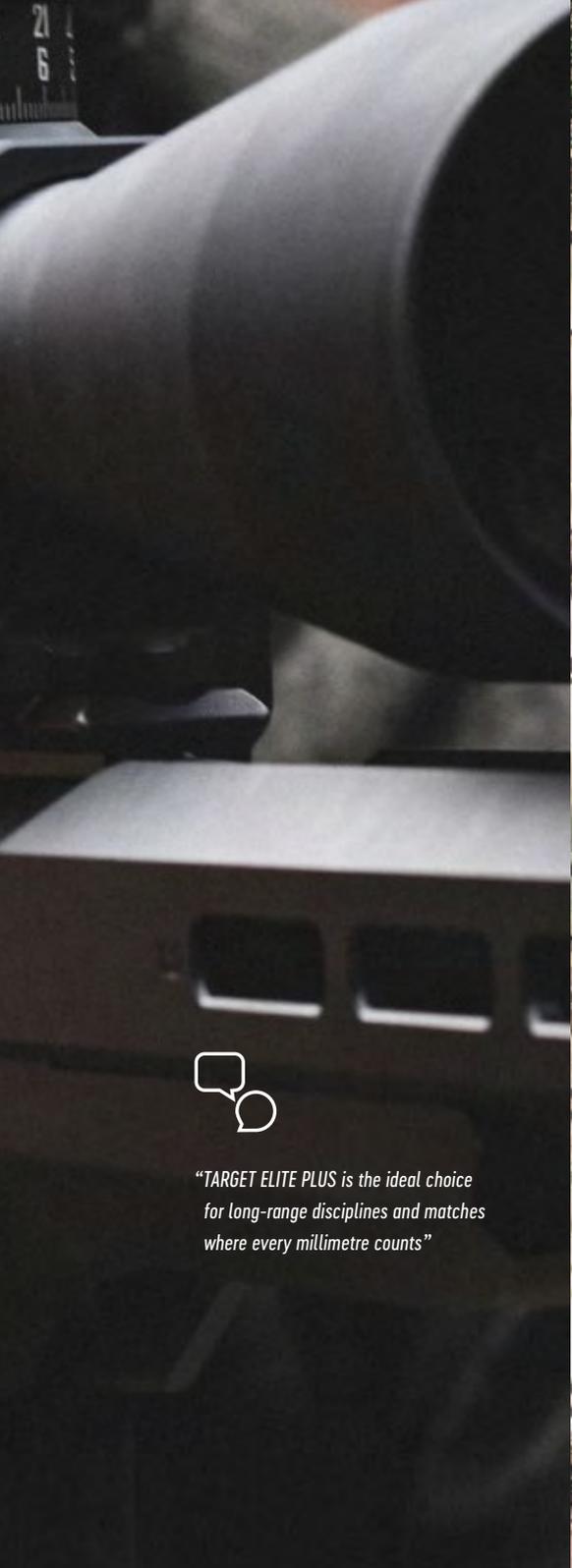
Flawless concentricity for maximum accuracy

Optimised boat tail for a stable trajectory



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





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





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

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

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

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

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



# BALLISTICS

*Getting to the Point...*

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

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

**RZR:** RZR stands for recommended zero range. The RZR is the point at which the path of the bullet crosses the line of sight for the second time and is not at any time more than 4 cm above or below it. Sighting in at 100 m is still possible. For example: The 7 x 64 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](http://rws-ammunition.com).

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

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

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

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

Fox  3-15 kg

Roe Deer, Roebuck  15-30 kg

Wild Boar  30-150 kg

Red Deer, Stag  80-250 kg

Moose  250-400 kg

Bear  250-600 kg

## .308 WIN.



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					

## .300 WIN. MAG.



SPEED TIP PRO	10,7	650	V (m/s)	978	935	893	854	816	777	739	⊕	100m	-1,1	⊕	-2,0	-7,3	-16,3	-29,4	✓	✓	✓	✓	✓	+300m
240 12 20	165	0,386	E (J)	5117	4677	4266	3902	3562	3230	2922	RZR (m)	206	0,9	4,0	4,0	0,6	-6,4	-17,5						

## .338 LAPUA MAG.



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					

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.

BULLET  
ITEM NUMBER

WEIGHT Gramms g  
Barrel Length mm  
BC

0m 50m 100m 150m 200m 250m 300m

RZR\*

50m 100m 150m 200m 250m 300m



Recommend-  
ed Effective  
Range

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

## 7 MM REM. MAG.



SPEED TIP PRO	10,7	600	V [m/s]	870	833	798	763	730	697	665	⊕	100m	-0,7	⊕	-3,1	-10,5	-22,4	-39,4	✓ ✓ ✓ ✓	+300m
240 12 06	165	0,422	E [J]	4049	3712	3407	3115	2851	2599	2366	RZR [m]	182	1,3	4,0	2,9	-2,4	-12,3	-27,3		
SPEED TIP PRO SHORT RIFLE	10,7	500	V [m/s]	870	832	795	758	723	689	655	⊕	100m	-0,7	⊕	-3,2	-10,6	-22,7	-40,0	✓ ✓ ✓ ✓	+300m
240 84 73	165	0,405	E [J]	4049	3703	3381	3074	2797	2540	2295	RZR [m]	179	1,2	3,9	2,7	-2,8	-13,0	-28,3		

## .30-06



SPEED TIP PRO	9,1	600	V [m/s]	828	796	764	734	704	675	646	⊕	100m	-0,6	⊕	-3,6	-11,8	-25,0	-43,5	✓ ✓ ✓	-300m
241 16 31	140	0,466	E [J]	3119	2883	2656	2451	2255	2073	1899	RZR	174	1,4	4,0	2,4	-3,8	-15,0	-31,5		

## 6,5 Creedmoor



SPEED TIP PRO	9,1	600	V [m/s]	797	765	734	703	674	644	616	⊕	100m	-0,4	⊕	-4,2	-13,3	-27,8	-48,3	✓ ✓ ✓	270m
241 16 32	140	0,457	E [J]	2890	2663	2451	2249	2067	1887	1727	RZR	167	1,6	4,0	1,9	-5,3	-17,8	-36,2		

## 6,5 x 55 SE

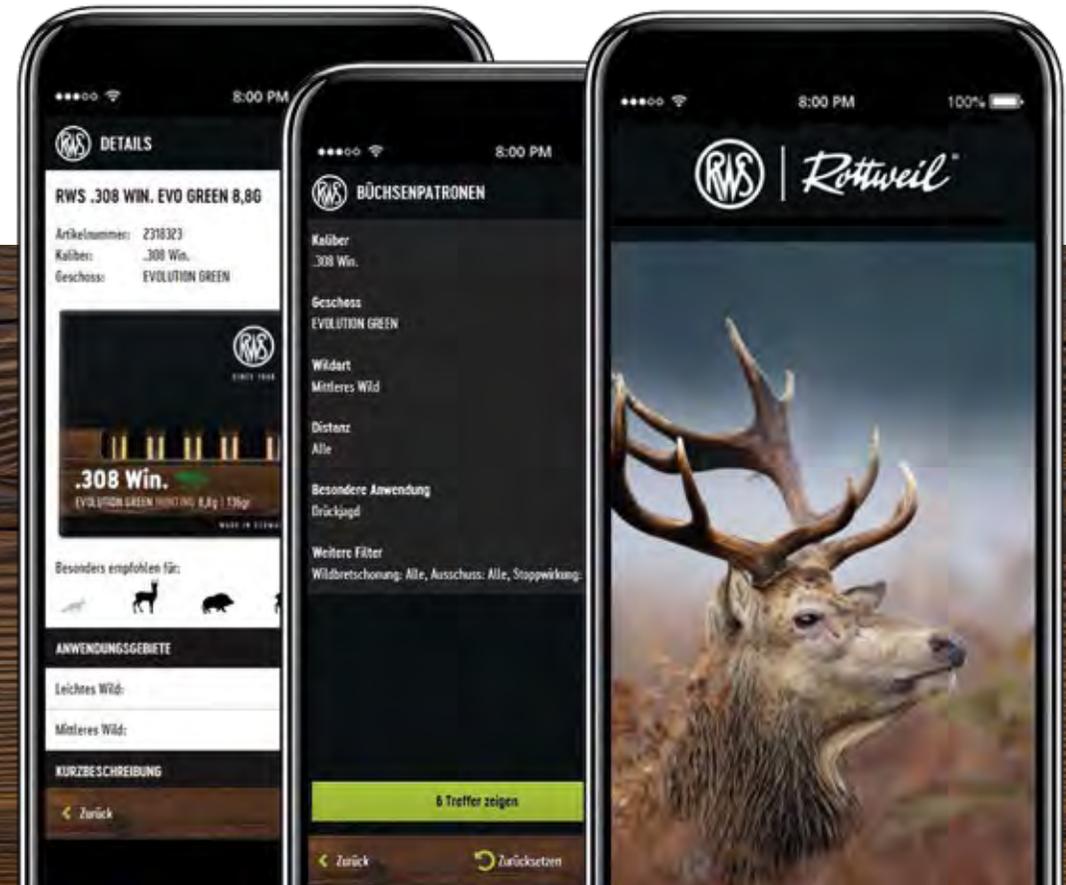
# RWS-AMMO.APP

Ammo advisor for your pocket.

A single click, and it's always by your side – add the RWS app directly to your home screen: [rws-ammo.app](https://rws-ammo.app)



**RWS-AMMO.APP** >



## TARGET ELITE PLUS MATCH CARTRIDGE

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

### .223 Rem.

SCORION	3,4	600	V [m/s]	1056	966	882	799	720	645	577	⊕	100m	-1,2	⊕	-2,0	-7,8	-18,5	-35,1
241 16 33	52	0,195	E [J]	1896	1586	1322	1085	881	707	566	RZR (m)	164m	0,8	4,0	4,0	0,2	-8,5	-23,1
<b>NEW</b> SCORION	4,5	600	V [m/s]	855	800	747	693	643	596	553	⊕	100m	-0,6	⊕	-3,8	-12,8	-27,7	-49,6
241 18 68	69	0,276	E [J]	1645	1440	1256	1081	930	799	688	RZR (m)	169m	1,4	4,0	2,2	-4,8	-17,8	-37,7
SCORION	5,0	600	V [m/s]	785	746	708	672	637	602	569	⊕	100m	-0,3	⊕	-4,6	-14,6	-30,7	-53,6
240 38 68	77	0,373	E [J]	1541	1391	1253	1129	1014	906	809	RZR (m)	162m	1,7	4,0	1,4	-6,6	-20,7	-41,6

### 6,5 Creedmoor

SCORION	8,4	610	V [m/s]	869	841	813	786	759	733	708	⊕	100m	-0,3	⊕	-3,4	-10,9	-22,5	-38,8
240 97 62	130	0,548	E [J]	3173	2970	2777	2595	2422	2259	2104	RZR (m)	178m	1,7	4,0	2,5	-2,9	-12,6	-26,8
<b>NEW</b> SCORION	9,3	600	V [m/s]	830	806	782	759	736	713	691	⊕	100m	-0,1	⊕	-3,9	-12,1	-24,7	-42,2
242 66 58	143	0,635	E [J]	3194	3011	2836	2670	2511	2359	2215	RZR (m)	178m	1,9	4,0	2,2	-4,0	-14,6	-30,1

### 6,5 x 55 SE

SCORION	8,4	740	V [m/s]	830	803	776	749	723	698	673	⊕	100m	-0,1	⊕	-4,0	-12,3	-25,4	-43,4
240 97 61	130	0,548	E [J]	2895	2706	2528	2358	2198	2046	1903	RZR (m)	168m	1,8	3,8	1,8	-4,6	-15,7	-31,9
<b>NEW</b> SCORION	9,3	740	V [m/s]	810	786	763	740	717	695	673	⊕	100m	-0,1	⊕	-4,2	-12,9	-26,3	-44,85
242 66 59	143	0,635	E [J]	3042	2866	2698	2538	2385	2240	2101	RZR (m)	178m	2,0	4,0	1,8	-4,9	-16,4	-32,9

### .308 Win.

SCORION	10,0	600	V [m/s]	890	852	815	779	744	709	676	⊕	100m	-0,8	⊕	-2,9	-9,8	-21,2	-37,5
240 86 32	154	0,412	E [J]	3961	3630	3321	3034	2768	2513	2285	RZR (m)	184m	1,1	3,9	3,0	-2,0	-11,4	-25,7
SCORION	10,9	600	V [m/s]	810	776	743	711	680	649	620	⊕	100m	-0,5	⊕	-4,0	-12,8	-27,0	-47,0
240 38 67	168	0,438	E [J]	3576	3282	3009	2755	2520	2296	2095	RZR (m)	169m	1,5	4,0	2,0	-4,8	-16,9	-34,9
SCORION	12,3	650	V [m/s]	796	768	741	713	687	661	636	⊕	100m	-0,4	⊕	-4,0	-12,9	-27,0	-46,7
240 86 33	190	0,528	E [J]	3897	3627	3377	3126	2903	2687	2488	RZR (m)	167m	1,5	3,9	1,8	-5,1	-17,2	-35,0

### .300 Win. Mag.

SCORION	11,3	650	V [m/s]	932	899	867	836	806	777	747	⊕	100m	-1,0	⊕	-2,3	-8,1	-17,6	-31,3
241 16 81	175	0,498	E [J]	4908	4566	4247	3949	3670	3411	3153	RZR (m)	188m	1,0	4,0	3,8	0,0	-7,6	-19,2
SCORION	12,3	650	V [m/s]	875	846	817	789	761	734	707	⊕	100m	-0,8	⊕	-2,9	-9,7	-20,8	-36,4
240 38 66	190	0,530	E [J]	4709	4402	4105	3829	3562	3313	3074	RZR (m)	186m	1,2	4,0	3,1	-1,7	-10,8	-24,4

### .338 Lapua Mag.

SCORION	16,2	650	V [m/s]	860	836	812	789	764	741	719	⊕	100m	-0,7	⊕	-3,0	-9,9	-21,0	-36,6
241 16 80	250	0,639	E [J]	5991	5661	5341	5042	4728	4448	4187	RZR (m)	185m	1,3	4,0	3,0	-1,9	-11,0	-24,6
SCORION	19,4	650	V [m/s]	780	759	739	719	699	680	661	⊕	100m	-0,4	⊕	-4,1	-13,0	-26,9	-46,1
240 51 20	300	0,708	E [J]	5901	5588	5297	5015	4739	4485	4238	RZR (m)	168m	1,6	4,0	1,9	-4,9	-16,8	-34,0

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

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







**.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**  
Evolution Green 8,2g



**.308 Win.**  
Driven Hunt 10,7g



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



**.30 R Blaser**  
UNI Classic 11,7g

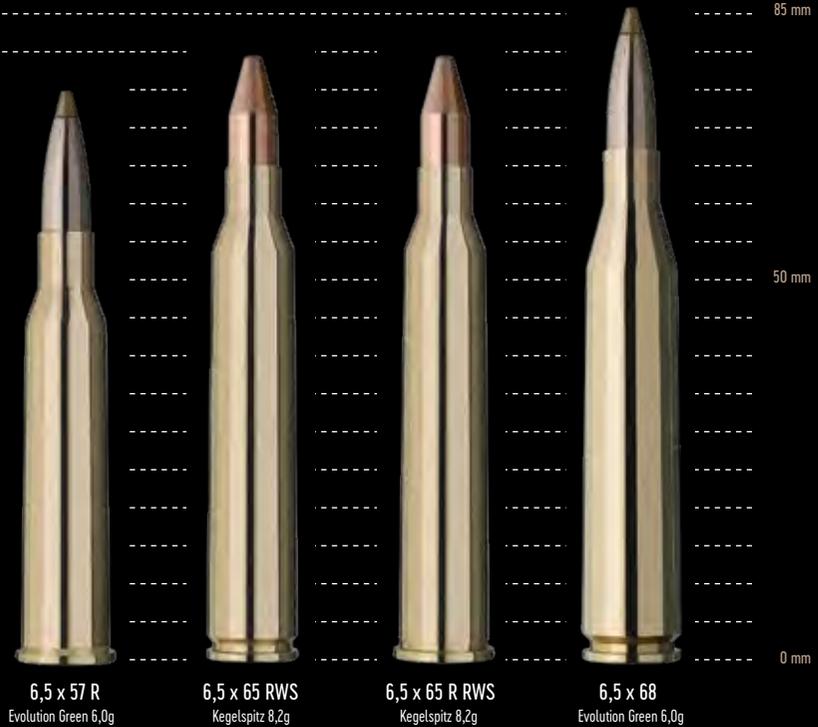


**.300 Win. Mag.**  
Doppelkern 10,7g

# CARTRIDGE PARADE

*No Two Calibres Alike*

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

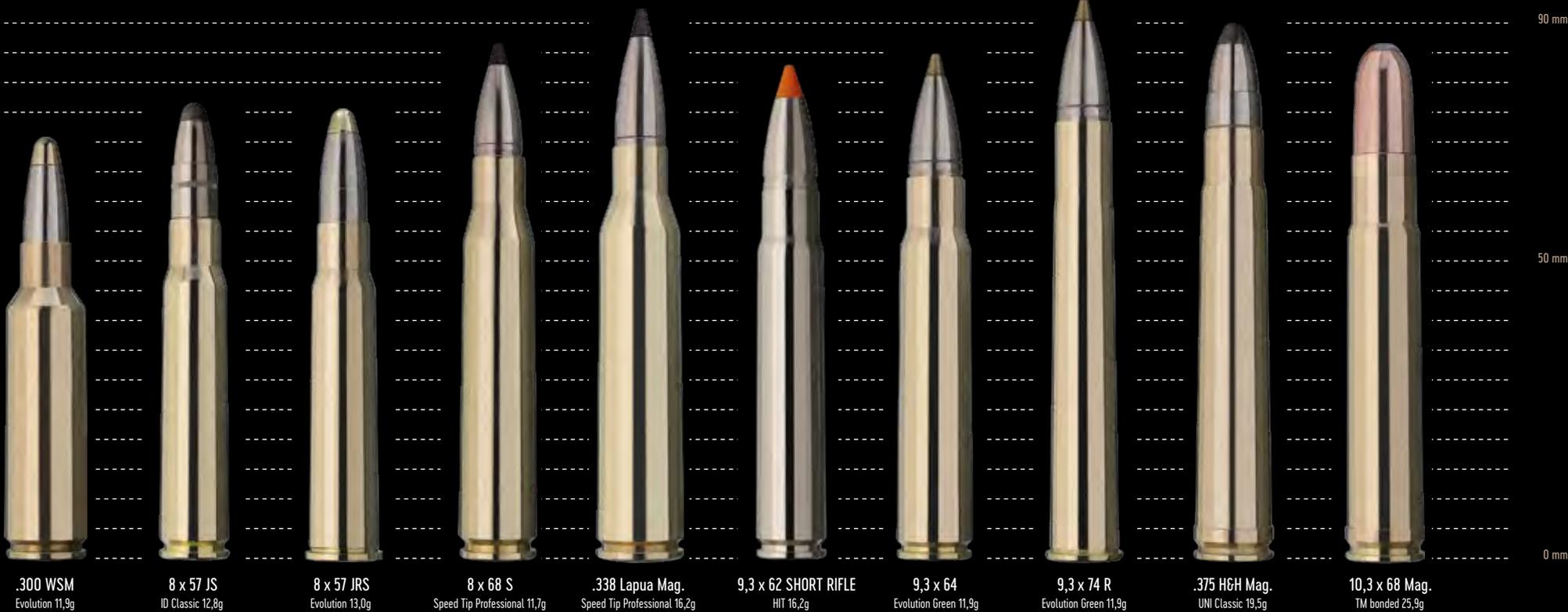


6,5 x 57 R  
Evolution Green 6,0g

6,5 x 65 RWS  
Kegelspitz 8,2g

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

6,5 x 68  
Evolution Green 6,0g



.300 WSM  
Evolution 11,9g

8 x 57 JS  
ID Classic 12,8g

8 x 57 JRS  
Evolution 13,0g

8 x 68 S  
Speed Tip Professional 11,7g

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

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

9,3 x 64  
Evolution Green 11,9g

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

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

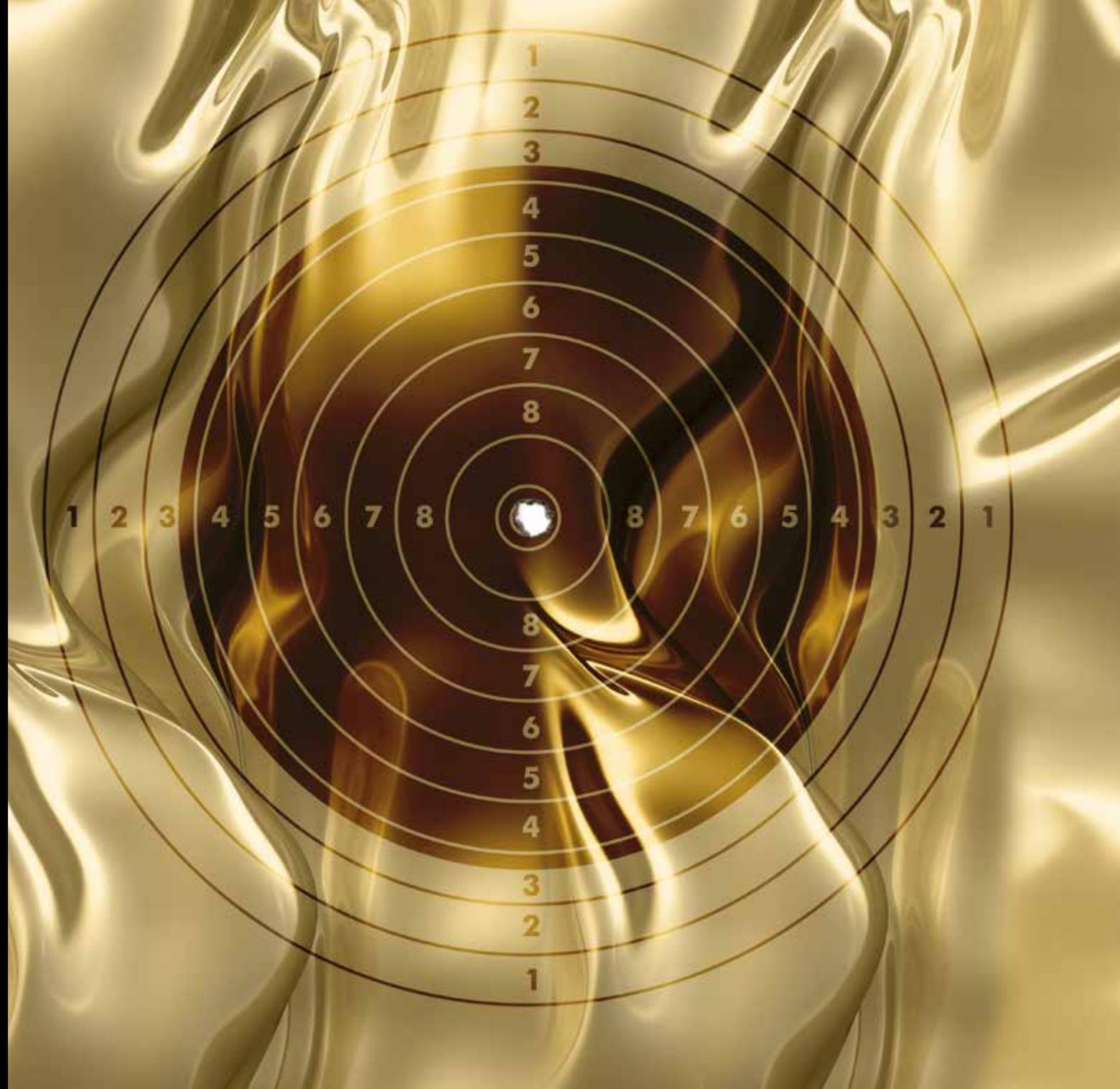
10,3 x 68 Mag.  
TM bonded 25,9g



SINCE 1886

# THE AMMUNITION COUNTS

RIMFIRE CARTRIDGES &  
AIRGUN PELLETS



## **THERE IS ONLY ONE CHOICE THAT COUNTS FOR AMMUNITION: RWS**

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True to the RWS motto 'The ammunition counts', we invest all our expertise, experience and passion in the development and production of unbeatable ammunition of uncompromising quality. Our employees are no different to the athletes in dedication to their sports or the passionate hunters pursuing their calling. We all share a common goal: the perfect shot. Thus, we are proud and delighted to present to you our portfolio of rimfire cartridges and airgun pellets.

We hope you enjoy browsing through these pages and wish you the best of success with our products.

# SUCCESSFUL IN SPORTS

## RIMFIRE SMALL BORE

**RIFLE:** Aside from the Olympic disciplines, 3-position matches at 50 m for men and women as well as a mixed team competition, small bore rifle shooters can take part in countless other international and national contests at a variety of shooting distances. But every shooter can pick his/her personal favourites for his/her preferred competitions from our range of RWS rimfire cartridges and matching products. From high-end premium ammunition for the most discerning standards to cost-efficient, reliable practice ammo for beginners, you will find all the loads you need in our portfolio.

**PISTOL:** Determined to build on our success in the rifle segment, we have placed a focus on pistol developments and are proud to present our new flagship, the premium RWS P25 RAPID FIRE cartridge. This load has been engineered especially for for the OSP and sport pistol disciplines, where it impresses with its outstanding shooting performance and agreeable haptic response. Naturally, all our familiar handgun loads remain available for the other pistol or semi-automatic disciplines.





## ATHLETES WHO TRUST IN OUR AMMUNITION



*We are thrilled and honoured to equip  
some of the world's best athletes  
and shooters with our products and to  
contribute to their success in this way.*



*Maxi Dallinger  
Small bore rifle*



*Gernot Rumpler  
Small bore rifle*



*Norbert Szabian  
Small bore rifle*



*Jean Quiquampoix  
Rapid fire pistol*



*Andrea Heckner  
Sport pistol*



*Alexis Raynaud  
Small bore rifle*

# DID YOU KNOW ...

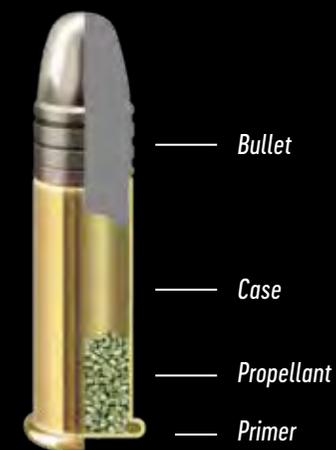
... **THAT** the components in each lot of our PREMIUM LINE are taken from a single material batch manufactured by the same machine during just one shift, which means that one lot of R50 ammunition, for example, never comprises more than 30,000 rounds? But we still ensure that any differences between cartridge lots are barely measurable. Negligible variance is possible nonetheless, which may produce different performances or shot groups from different firearms or barrels. This is why top-level shooters carry out ammunition tests with their personal firearms. Guns show signs of wear and material changes over time, so these professionals only stock around a year's worth of ammunition to ensure that they always compete with 'fresh' ammunition and the ideal material configuration in every match season.

... **THAT** we source the raw materials to build all our products from scratch at our manufacturing site in Germany, apart from the propellant and box packaging? This means we make the bullets from lead ingots, the cases from brass strips and even take granulate to inject the plastic mesh for the cartridges on our own machines. We even make our own highly explosive primer mixture. Here, our more than 100 years of experience guarantee impeccably reliable functions and perfectly coordinated ballistics for every single cartridge.



# AMMUNITION ASSEMBLY

*The composition of our cartridges*



*All four components of a rimfire cartridge are strenuously monitored in every stage of production and then coordinated perfectly prior to loading (placing the charge in the ammunition). This is the only way to guarantee maximum precision and reliability across different manufacturing batches.*

# THE PRODUCT LINES

THE RIGHT CARTRIDGE FOR EVERY SCENARIO

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Individual requirements call for specific solutions. That's why we continuously build on and optimise our product portfolio in close cooperation with top-level athletes and experts. Our various lines, which are meticulously tailored to the broadest sets of requirements, provide guidance when selecting the right RWS rimfire cartridges – whether for shooting in mass sports or for special applications, practice or international matches.

The colour coding on our lines not only enables quick and simple categorisation and immediate distinction, but also a clear identification of the individual products.



«As a professional sports shooter, I have absolute confidence in RWS. The R50 and R10 products are my daily companions at the shooting range. Knowing the dedication that RWS in Fürth puts into the manufacture of its products gives me great confidence in the ammunition and a sense of security in every phase of a competition.»

GERNOT RUMPLER, sport shooter

PREMIUM LINE	 		Hunt	Barrel	Caliber	V <sub>0</sub>	V <sub>50</sub>	V <sub>100</sub>	E <sub>0</sub>	E <sub>50</sub>	E <sub>100</sub>
	length	mm									
R50	×			650	.22 lr	330	294	271	142	113	95
R100	×			650	.22 lr	345	304	277	155	120	100

SPORT LINE	 		Hunt	Barrel	Caliber	V <sub>0</sub>	V <sub>50</sub>	V <sub>100</sub>	E <sub>0</sub>	E <sub>50</sub>	E <sub>100</sub>
	length	mm									
TARGET RIFLE	×			650	.22 lr	330	294	271	142	113	95
CLUB	×			650	.22 lr	330	295	270	142	113	95



### PREMIUM LINE

Cartridges for the highest quality & performance in the high-end range



### PROFESSIONAL LINE

Powerful cartridges for competitions and practice



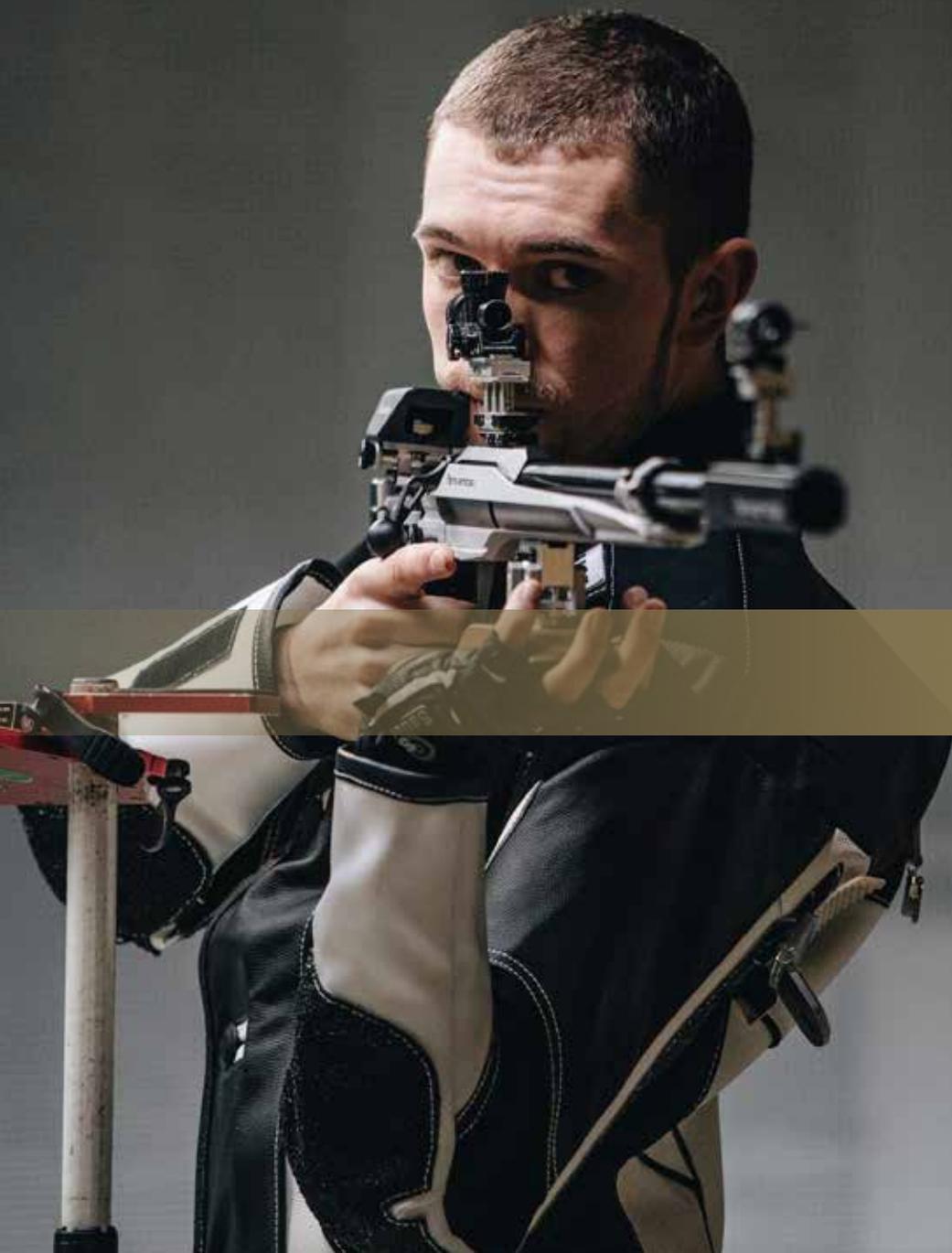
### SPORT LINE

Solid practice cartridges for price-conscious shooters



### FIELD LINE

Cartridges for special applications



# PREMIUM LINE

## HIGHEST QUALITY AND ACCURACY FOR TOP-LEVEL SPORT

Match cartridges, trusted by the world's elite! Engineered to meet the highest requirements. Absolutely uncompromising quality and reliability thanks to carefully selected material properties, fine manufacturing tolerances and professional precision tests – for accurate hits with extremely tight and consistent shot groups.



### R 50

- Preferred cartridge of the global elite in sport shooting
- Specially coordinated manufacturing process for unbeatable accuracy, constant velocity and reliability
- Each batch is checked multiple times and tested for ballistics, gas pressure and group size
- With perfectly tailored components in every series
- Ideal for the whole range of small bore rifle applications, bench rest and free pistol competitions
- Calibre: .22 long for rifles
- Lead bullet, 2.6 g,  $V_0$  330 m/s (barrel length: 65 cm)



### R 100

- Top cartridge for outstanding shooting performance and accuracy
- Preferred by internationally successful shooters
- High velocity in the supersonic range
- Recommended as a rifle cartridge for all distances from 50 to 100 m
- Calibre: .22 long for rifles
- Lead bullet, 2.6 g,  $V_0$  345 m/s (barrel length: 65 cm)



# SPORT LINE

## ENTRY-LEVEL CARTRIDGE

Solid practice cartridges for price-conscious shooters who want to preserve the ammunition budget with perfectly balanced price and performance – particularly in high-intensity shooting sessions with fast rates of fire.



### TARGET RIFLE

- Unrivalled quality as a universal cartridge
- Regular, good shooting performance
- More balanced velocity
- Proven rifle cartridge for practice sessions
- Calibre: .22 long for rifles
- Lead bullet, 2.6 g,  $V_0$  330 m/s (barrel length: 65 cm)



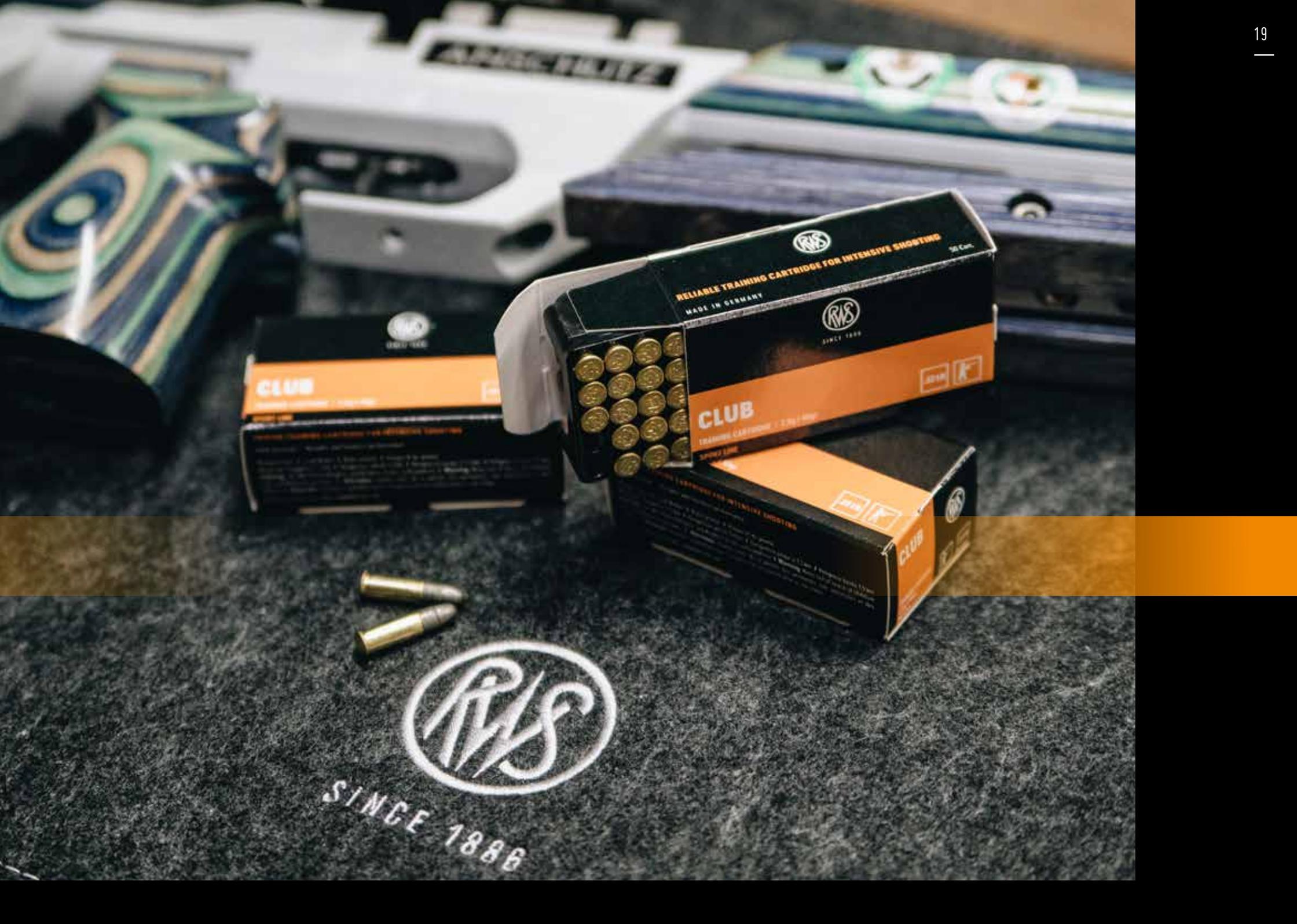
### TARGET PISTOL

- Fast training cartridge
- Accurate and reliable
- The cartridge also works smoothly in difficult pistols and semi-automatics
- Calibre: .22 long for rifles
- Lead bullet, 2.6 g,  $V_0$  285 m/s (barrel length: 13 cm)



### CLUB

- Satisfactory accuracy
- Practice ammunition for beginners
- Flawless performance with many firearms
- Eases the strain on the practice budget
- Calibre: .22 long for rifles
- Lead bullet, 2.6 g,  $V_0$  330 m/s (barrel length: 65 cm)



RELIABLE TRAINING CARTRIDGE FOR INTENSIVE SHOOTING  
MADE IN GERMANY  
RWS SINCE 1886  
CLUB  
TRAINING CARTRIDGE - 2.2g + 12mm  
SPRING LOADED  
30 Car.



SINCE 1886

# HELLO NATURE

*A hunter out of conviction, a cook out of passion*

Markus Sämmer is a real thoroughbred hunter who spends a lot of time on the hunt with his dog Emmy. As a cook, he particularly appreciates the local venison, as it is the most sustainable way of obtaining meat and, by the way, a real culinary delight. He has published his creative ideas for cooking with game and in the open air in three books.

Markus is just as passionate about cooking as he is about the outdoors. Outdoor sports and outdoor life are what grounds him. As a real outdoorsman, he feels most comfortable outside: He is a hunter with a hunting dog, a gatherer (herbs, mushrooms, berries...), grows his own vegetables, fishes at the lake on his doorstep, keeps chickens for meat and eggs, and as a hobby beekeeper has several colonies of bees in the garden. That is why the factors sustainable, regional and seasonal play a decisive role in his kitchen philosophy!



#emmyventures





**GAME LIVER CROSTINI***with lamb's lettuce and berries*

© DK Verlag/Mathias Neubauer

© DK Verlag/Studio Steve

*4 servings**250 g game liver**(from roe deer or venison;  
ready to cook)**2 shallots**1 tbsp. butter**1 sprig of rosemary**50 ml port**150 g blackberries**1 tbsp. liquid honey**2 tbsp. balsamic vinegar**Salt**Freshly ground pepper**8 slices of baguette or ciabatta**(or other bread)**2–3 tbsp. olive oil**100 g lamb's lettuce**2 tbsp. walnut oil**2 tbsp. apple juice**2 tbsp. chopped walnuts*

Pat the liver dry, clean carefully and cut into bite-sized pieces. Peel the shallots and cut into wedges. Place them both into a frying pan and brown in butter. Add the rosemary sprig and douse the liver with port. Add the blackberries, honey and vinegar and season it all with salt and pepper. Heat the liver again briefly, then remove from the hob and place to one side.

Drizzle the bread slices with a little olive oil and grill them on both sides in a grill pan. Loosen the lamb's lettuce, wash and whirl dry. Then mix with walnut oil, 1 pinch of salt and apple juice.

To serve, spread the liver and blackberry mixture onto the slices of bread and sprinkle the walnut kernels on top. Season with a little pepper and prepare with the lamb's lettuce.

Tip: You can also prepare the liver with cranberries, blueberries, pears or apples, depending on the season.



## GAME SALTIMBOCCA

*with mushroom risotto and radicchio*



4 servings

### RISOTTO

2 shallots

1 clove of garlic

2 handfuls of mushrooms

800 ml game or vegetable stock

50 g butter

250 g risotto rice

75 ml white wine

1 small radicchio

1 tbsp. olive oil

1 tbsp. liquid honey

Salt

Freshly ground pepper

50 g grated pecorino

### SALTIMBOCCA

8 slices of saddle of venison

or roe deer (80–100 g each)

Salt

Freshly ground pepper

8 thin slices of wild game ham

Leaves from 2–3 sage sprigs

2–3 tbsp. olive oil

Peel and finely dice the shallots and garlic for the risotto. Clean the mushrooms, rub them with a kitchen towel and use a small knife to remove any soil residue. Slice in half, depending on their size. Pour the stock into a pot, bring to the boil and leave to simmer. Heat 1 tbsp. butter in a saucepan and lightly fry the shallots, garlic and mushrooms. Add the rice and fry gently for around 1 minute, stirring continuously. Pour in the wine and mix continuously until it has been absorbed by the rice. Then gradually pour in the hot stock and cook the risotto while stirring for 18–20 minutes, depending on the type of rice.

Meanwhile, pat the meat dry and season with salt and pepper for the saltimbocca. Place 1 slice of ham and 2–3 sage leaves on each piece of meat and fix in place with toothpicks. Fry the meat in a pan with the oil for 1–2 minutes on each side.

Wash the radicchio, pat dry and cut into broad slices. Fry briefly in a pan with oil, drizzle with honey and season with salt and pepper. Season the risotto with salt and pepper and mix in the remaining butter and the pecorino.

Fold the radicchio into the rice and divide the risotto onto the plates for serving. Add the saltimbocca.

Tip: You can replace the fresh mushrooms with dry ones for an intense aroma. Soak them in hot water for about 30 minutes, drain and chop into small pieces according to size. Important: Use the water to soften the mushrooms for the risotto.

4 servings

### PRETZEL DUMPLINGS

4 pretzels (1 day old)

1 small onion

1 tsp. butter

200 ml milk

2 eggs (size M)

Salt

Freshly grated nutmeg

1/2 bunch parsley

### SADDLE OF VENISON

2 tsp. Miriquidi Rub (e.g. from  
Direkt vom Feld) (or 3 juniper  
berries, 1 chopped rosemary sprig)

50 g soft butter

75 g panko (Japanese bread-  
crumbs)

1 egg yolk

Salt

700–800 g saddle of venison,  
boneless

Freshly ground pepper

1 tbsp. olive oil

### ADDITIONALLY

Game sauce

4 pickled pear halves with  
cranberries (according to taste)

Dice the pretzels to around 1 cm for the dumplings. Peel and finely dice the onion and brown in a frying pan with butter. Add the milk and warm briefly, then remove from the hob. Place the diced pretzel, onion-milk blend and eggs into a bowl and mix. Mix in the salt and nutmeg to add seasoning. Leave the mixture to rest for about 10 minutes.

Meanwhile, wash the parsley, pat dry, pick the leaves, chop finely and mix into the dumpling dough. Then lay out a clean kitchen towel and spread a layer of cling film on top. Spread the dumpling mixture on top, form into a roll and wrap tightly in the cling film. Then wrap the roll in the kitchen towel and tie the ends with kitchen yarn. Place the dumpling roll in a wide pot with simmering salted water for about 15 minutes.

Pre-heat the oven to 200°C (top heat) for the saddle of venison. To prepare the crust, brown the miriquidi in a pan without fat, remove and crush with a mortar. Then mix with butter, panko, egg yolk and 2 pinches of salt. Pat the saddle of venison dry, season with salt and pepper and fry in a pan in the oil for 2–3 minutes on all sides. Place the saddle of venison on a baking tray, spread the breadcrumb mix on top and roast on the middle shelf for 6–8 minutes until golden brown. Remove from the oven and leave to rest briefly.

Unwrap the pretzel roll and cut into slices for serving. If you like, you can fry them briefly in butter until crisp and brown. Carve the saddle of venison into slices and place on plates with the dumplings, add the game sauce and, if you like, 1 poached pear with cranberries. Red cabbage is great as a side dish.

## SADDLE OF VENISON

with Miriquidi crust and pretzel dumplings



© DK Verlag/Mathias Neubauer

© DK Verlag/Studio Steve



## VENISON SATAY

with peanut dip

4 servings

600 g venison (from the leg, such as topside or thick flank)

1 chilli pepper

1 clove of garlic

2 tbsp. liquid honey

Juice from 2 limes

2 tbsp. roasted sesame oil

3 tbsp. soy sauce

2 tbsp. roasted, unsalted peanuts

100 g peanut butter

100 ml coconut milk

120 ml game stock (or water)

1 tsp. chilli flakes

Salt

Freshly ground pepper

Around 12 wooden skewers, soaked for 30 minutes, or metal skewers

The day before, cut the venison into 0.5 mm thin and 1–2 cm wide strips. To make the marinade, half the chilli lengthwise, remove the seeds, wash and chop finely. Peel and finely dice the garlic. Mix the chilli, garlic, half the lime juice, sesame oil and soy sauce with the honey, add the meat and marinate overnight.

The next day, chop the peanuts for the dip. Mix the peanut butter with the coconut milk, game stock, chilli flakes, the remaining lime juice and the chopped peanuts. Season with salt and pepper and place in the fridge until serving.



Drain the meat in a colander and then insert it onto the skewers in waves. Pre-heat the grill with direct heat (200–220°C). Cook the skewers on the hot grill for 2–3 minutes on both sides. Leave to rest briefly and then serve with the peanut dip and chilli rings according to preference.



Venison recipes, out of the book series *Great Outdoors*  
© DK Verlag  
Available in July 2022



© DK Verlag/Studio Steve



# 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](http://rws-munition.de) dramatically demonstrate the effectiveness of our specialty bullets.



*Simulated wound cavity in gelatin block / bullet performance in gelatin*



*Expanding bullet (e.g. Evolution)*

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





#### ***EXPANDING BULLET***

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

#### ***PARTIALLY FRAGMENTING BULLET***

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

#### ***FULL METAL JACKET***

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

## ADDITIONAL INFORMATION

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### RWS-AMMUNITION.COM



*The RWS website offers a great overview on all topics surrounding the RWS brand world.*

*Explore information on proven product, read hot news and discover the RWS shop (Germany only).*

### RWS HUNTING & SPORT



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

### RWS HUNTING



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

### rwshunting



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

## NEWS, DEALS, STORIES & MORE

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### RWS NEWSLETTER

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



Driven Hunt



Mountain  
Hunting



Long Range



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