

# HUNTING AND TARGET SHOOTING 2019/20

AMMUNITION

---

OPTICS



*Rottweil*



Together  
ahead. **RUAG**



## RWS AMMUNITION \_\_\_\_\_ 4

- RWS centrefire rifle cartridges 4
- RWS rimfire cartridges 37
- RWS air gun pellets 44



## GECO AMMUNITION \_\_\_\_\_ 60

- GECO centrefire rifle cartridges 60
- GECO handgun ammunition 68
- GECO shotshells 74
- GECO rimfire cartridges 75
- GECO air gun pellets 75



## ROTTWEIL SHOTSHELLS \_\_\_\_\_ 76

- ROTTWEIL Premium Line 78
- ROTTWEIL Professional Line 82
- ROTTWEIL Basic Line 84
- ROTTWEIL Game Edition 86
- ROTTWEIL Extra Line 91
- ROTTWEIL Steel Line 94
- ROTTWEIL Competition Line 97



## RELOADING COMPONENTS \_\_\_\_\_ 108

- RWS primers 109
- RWS rifle cartridge bullets and cases 110
- GECO rifle cartridge bullets and GECO primers 113
- ROTTWEIL lead shot 113
- GECO pistol and revolver cartridge bullets and cases 114
- RWS | ROTTWEIL powder 115



## GECO OPTICS \_\_\_\_\_ 116

- GECO riflescopes and binoculars 118
- GECO GOLD riflescopes and binoculars 122
- GECO binocular RF 124
- GECO BLACK riflescopes 125



## SUBSIDIARIES AND DISTRIBUTORS \_\_\_\_\_ 126



SINCE 1886



You will find an interactive ammunition wizard for rifle and shot cartridges | Our FAQ page with answers to frequently asked questions | and coverage of many other topics at RWS MOBILE and WEB

**RWS-AMMUNITION.COM**



VISIT US AT





# CENTREFIRE RIFLE CARTRIDGES

The ammunition counts



From the initial concept through the production process to the final visual inspection, RWS make no compromise on quality. All components go through repeated stringent quality checks before assembly. During production, all rifle cartridges are subject to multi-layered laser measurement as well as further manual checks.

More than 100 production steps with an equal number of quality control checks are necessary before an RWS rifle cartridge is considered by us to be ready for use.

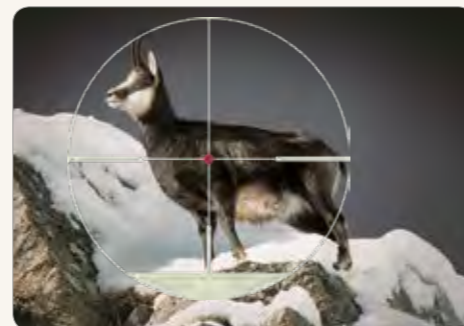
RWS - no compromise!



RELIABLE



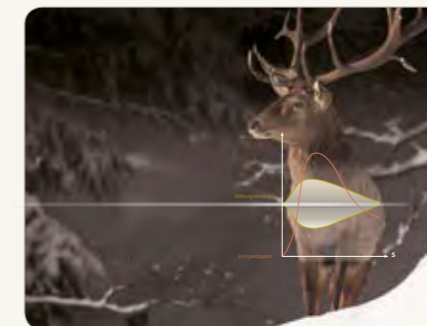
VERSATILE



PRECISE



NON-CORROSIVE



EFFECTIVE



INNOVATIVE



## RIFLE CARTRIDGE BULLETS



RWS are the only major manufacturer of rifle cartridges in the world who only offer expanding bullets of their own make. With more than nine different game bullet styles and numerous others for military, police, commercial and competition applications, RWS certainly have the widest range of bullets covering the whole shooting spectrum. Use of the most modern production methods ensure highest dimensional stability and a flawless surface texture. Only bullets that comply with the most demanding RWS specifications are found on gun dealers' shelves.

### What in particular distinguishes the RWS bullets?

- extraordinary precision
- extended trajectory
- energy output in the game's body appropriate to the game's weight
- ready deformation commensurate with the shooting range
- short, if any, trailing distances

**NEW**

**SPEED TIP PRO**

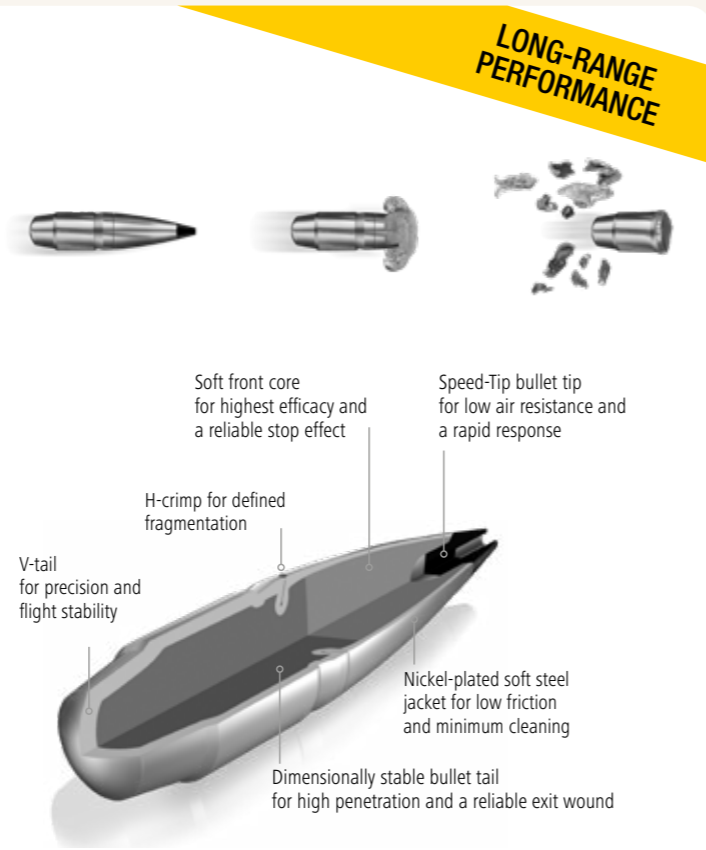
Highest knock-down power at all distances



Rapid advancements in firearms and optical technologies make shooting and hunting at long ranges possible. As hunting tourism increases, so does the need for ammunition designed for hunting game animals at all ranges and of all weight classes. For example, when mountain hunting or when after heavy African game, deep penetration and great stopping power are essential. RWS have developed a modern hunting bullet to meet these demands, the new SPEED TIP PRO. It is reliable and effective for game weights of all classes from close range to 300 metres and beyond. RWS SPEED TIP PROFESSIONAL, one of the latest developments from RWS, is specially developed for great shock effect and stopping power at the longest ranges.

**Its advantages at a glance:**

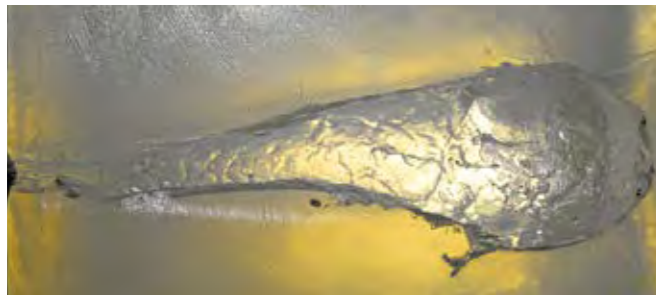
- Very high shock and stopping effect even at long shooting distances
- Extremely extended trajectory due to low air resistance
- Convincing precision
- Deep penetration



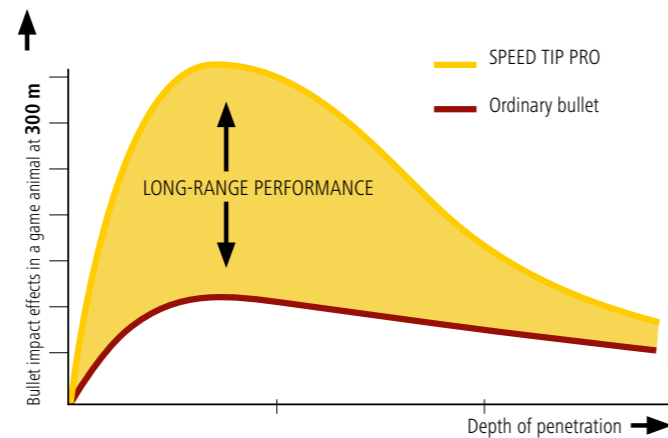
**LONG-RANGE PERFORMANCE**

**Extreme knock-down power even at long ranges**

The very rapid expansion in the body of the game animal is achieved through the Speed-Tip bullet tip with its integral hollow point and easily fragmented front core. The harder rear core guarantees penetrating power. Whilst hunting, this results in greatly shortened flights and certain exit wounds with blood trails.



Simulated wound cavity in ballistic soap - .300 Win. Mag. SPEED TIP PRO at 350 m



**Swift ballistics**

The high velocity and extremely flat trajectory make hunting possible even at long range. These ballistics are achieved through long-range streamlining, a Speed-Tip bullet tip and a V-tail bullet base.



**High precision**

A convincing prerequisite for distant shots: this is guaranteed by the V-tail base and nickel-plated jacket.



**EVOLUTION GREEN**

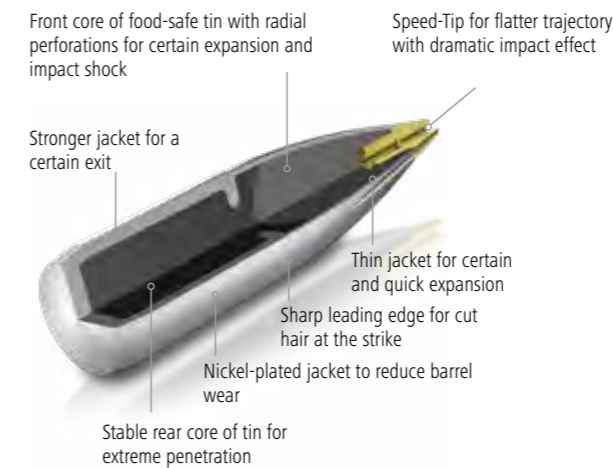
Outstanding shock effect - lead free



The RWS EVOLUTION GREEN is a partially fragmenting, lead-free bullet featuring a series of interdependent constructive details. The RWS EVOLUTION GREEN achieves its convincing performance with dual cores made from food-safe tin and featuring a special pre-fragmentation of the frontal core. Working together with the Speed Tip point, this creates outstanding shocking power even at long ranges. This bullet is suitable for all ordinary game animals, but is ideal for use against light to medium game.

**Its advantages at a glance:**

- Outstanding impact behaviour and instantaneous shock effect for shorter runs after the shot and less tracking effort
- Convincing killing power - even at longer ranges
- Extended range with high velocity and energy due to a high ballistic coefficient (BC)
- Stable rear section for a guaranteed exit wound
- Sharp leading edge for cut hair at the strike



Witness the difference in expansion between the EVO GREEN and HIT lead-free bullets in our video, "RWS Ballistic Workshop": [rws-ammunition.com](http://rws-ammunition.com) → Videos → Hunting

**HIT**

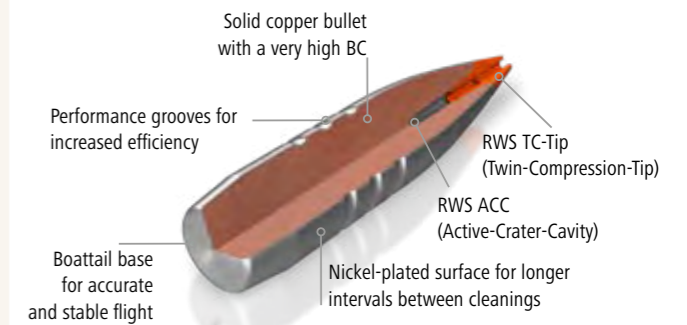
Convincing penetration - lead-free



The RWS HIT is a lead-free expanding bullet with high weight retention due to its monolithic construction. The unique HIT Matrix with the RWS TC-Tip (Twin-Compression-Tip) and the RWS ACC (Active-Crater-Cavity) guarantees fast and certain expansion with great shocking power, even at long ranges. The compact slug, which retains 99% of its original weight, assures deep penetration and a certain exit wound - even after striking bone! This makes the RWS HIT the appropriate lead-free alternative for those favouring non-fragmenting bullets. This bullet is suitable for all ordinary game animals, but is ideal for use against medium to heavy game.

**Its advantages at a glance:**

- Compact slug assures deep penetration - even after striking bone or for use against larger game
- Less wasted meat thanks to non-fragmenting expansion
- The top choice for long-range game shooting in high-velocity calibres
- Powerful shock effect - even at longer ranges



**RWS HIT-MATRIX**

**1 RWS TC-Tip (Twin-Compression-Tip)**  
With 2 hollow cavities for flat trajectory and reliable initial deformation

**2 RWS ACC (Active-Crater-Cavity)**  
For accelerated expansion with greater shock effect



**NEW**

### EVOLUTION

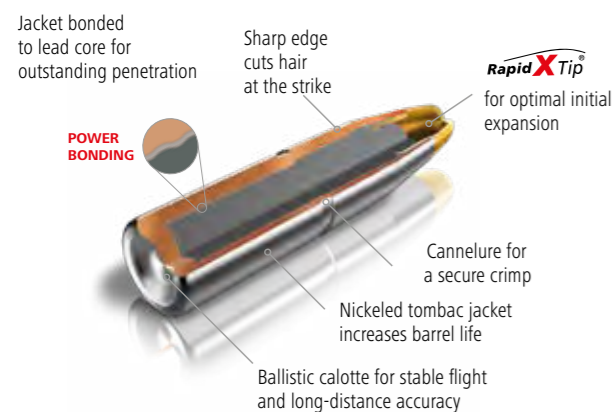
For convincing depth of penetration



The effectiveness of the Evolution® is especially clear when shooting through bones of the largest game animals. Whereas traditional semi-jacketed bullets fragment after hitting thick bone, leaving little energy left for penetration and an exit wound, the Evolution® bullet retains most of its original mass. A special Power Bonding process fuses the lead core with the tombac jacket so that an almost 100% weight retention is achieved and thereby a high probability of an exit wound with attendant reduced waste of valuable venison. The Evolution® bullet is naturally accurate due to its aerodynamic geometry and base calotte. This results in a flat trajectory and high impact energy, even at longer ranges. The Evolution®, thanks to its favourable design advantages, expands reliably regardless of the game's size or its distance from the shooter. Its outstanding penetration may be relied upon even when encountering heavier than normal game animals.

**Its advantages at a glance:**

- Powerful penetration, even through heavy bone!
- Less venison waste - Power Bonding nearly eliminates fragmentation
- Aerodynamic bullet shape and ballistic calotte for outstanding accuracy
- Nickel-plated bullet jacket protects against barrel wear
- Rapid-X Tip® for quick yet controlled expansion



### SPEED TIP

High effectiveness – even for long distance shots

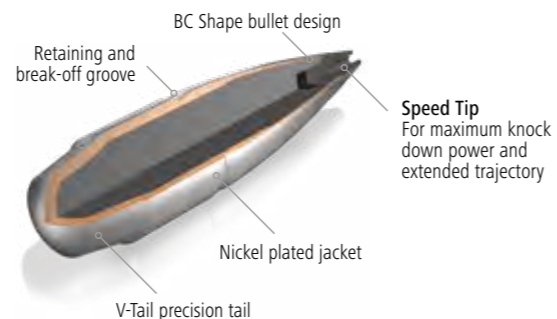


From RWS, one of its latest developments is the RWS SPEED TIP which gives a very high shock effect, excellent stopping power and is also effective for long range shooting. The aerodynamically designed bullet with the new Speed Tip and V-shaped tail ensures minimum air resistance, accuracy and effect even over long distances.

The high velocity and extremely far reaching flight trajectory enables hunting at long ranges. This achieved by the effective new bullet shape which gives an impressive BC value of 0.422 (cal. 30). The very fast response in the animal body is achieved by the Speed Tip bullet with an integrated hollow point and a highly reactive bullet casing. An excellent accuracy is essential for long range shots. This is guaranteed by the precision of the V-tail rear and by the nickel-plated bullet surface.

**Its advantages at a glance:**

- Very high shock and stopping effect even at long shooting distances
- Extremely extended trajectory due to low air resistance
- Convincing precision



### UNI CLASSIC

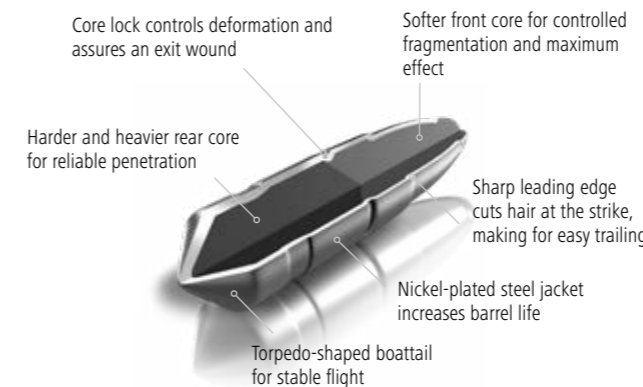
For heavy game



The UNI Classic bullet complements the ID Classic bullet and has been developed especially for the taking of heavy ungulates and big game. The harder and heavier rear core has less of a tendency to expand which in turn increases penetration. As with the ID Classic, the front core fragments reliably for a violent initial effect. The torpedo-shaped boattail assures stable flight characteristics.

**Its advantages at a glance:**

- UNIVERSAL for the heaviest game
- The front core fragments to deliver a quick burst of energy into the target
- The sharp leading edge cuts hair at the strike, making for easy trailing
- Harder rear core exhibits limited deformation to deliver the desired exit wound
- Rear cannelure limits jacket fragmentation
- Little wasted meat



### ID CLASSIC

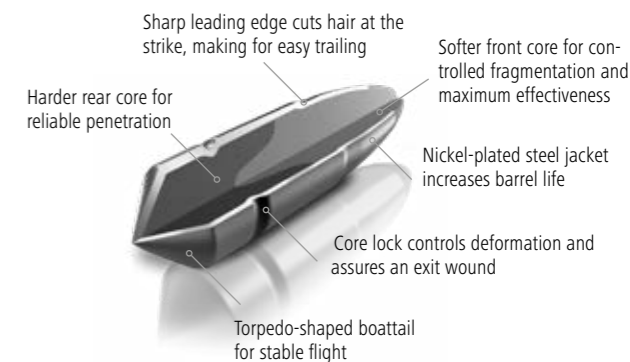
For lighter game



The basic idea behind the ID Classic was to find an ideal combination of expansion as well as penetration into the target. This is achieved by joining two cores of differing hardness by the plug-and-socket method. The soft front core fragments in a controlled manner and thus delivers its energy quickly into the game. The rear core of the ID Classic - in contrast to the UNI Classic - expands more starkly and is therefore especially suitable for light to medium game. The nickel-plated mild steel jacket protects the barrel and gradually thickens towards the rear to assure controlled expansion. The torpedo-shaped boattail assures stable flight characteristics.

**Its advantages at a glance:**

- IDEAL for light and medium game
- Quick partial fragmentation for energetic impact
- An exit wound is the rule
- The sharp leading edge cuts hair at the strike, making for easy trailing
- Core lock to control deformation



For more centrefire rifle cartridges, please see our listings in the GEKO section of this catalogue.



**Interactive product selector**

Select the RWS cartridge most suited to your game of choice with the help of our interactive product selector. Find it on our website: [rws-ammunition.com](http://rws-ammunition.com)  
 → Products → Hunting → Interactive product advisor



### KEGELSPITZ KS

For best accuracy



Regardless whether the game is large or small, this bullet deforms in a controlled manner and gives an even distribution of energy into the animal. A slug with an effectively enlarged frontal area remains to carry through to a certain exit. The secret lies in the optimised ratio of the thickness of the jacket to the hardness of the core. The shape of the bullet provides great accuracy and reduced air resistance.

**Its advantages at a glance:**

- Uncommon accuracy due to its long bearing surface
- The deep cannellure at the rear of the bullet stops deformation and provides a compact slug with a high probability of making an exit
- Leaves few fragments behind in the tissue of the game



### H-MANTEL HMK

For best effect



The H-Mantel bullet is famous for its unique H-groove, a break-away constriction midway down the jacket mantle. It promotes the separation of the two bullet cores of differing hardness and is responsible for the dual action of the bullet: The front section rapidly disintegrates at the strike, delivering a massive blow. The cylindrical rear section separates at the H-groove and passes through even large game without any noticeable deformation, reliably delivering the desired exit. The base drag of the rear section ensures that most of the front section's fragments are drawn out through the wound channel behind it.

**Its advantages at a glance:**

- A very effective bullet
- Controlled fragmentation thanks to the H-crimp constriction
- Cylindrical rear section ensures a certain exit
- Minimal meat loss



### DOPPELKERN DK

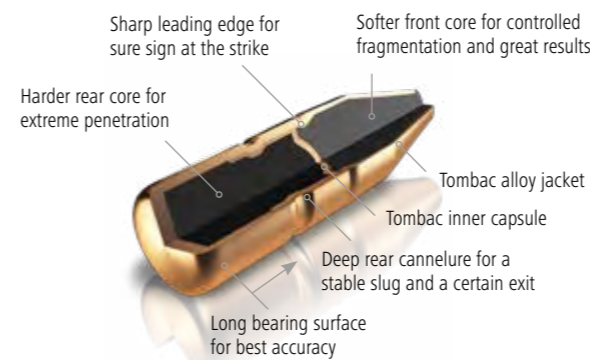
For controlled deformation and shock effect



The Doppelkern bullet is made of two lead cores of differing hardness. The front core fragments reliably and assures an instantaneous effect. Controlling the process of deformation is a unique tombac capsule separating the hard rear core from the softer front core. Since both cores have the same weight, a perfect mix of violent impact and probability of exit is the result. This design produces a straight wound channel for the all-important exit.

**Its advantages at a glance:**

- Good and certain reaction to the shot
- Extremely short runs after the shot
- The sharp leading edge cuts hair at the strike, making for easy trailing
- Controlled and rapid impact for an instantaneous effect
- Certain exit guarantees an adequate blood trail
- Minimal meat loss



### FULL METAL JACKET VM

For deepest penetration



The Full Metal Jacket VM bullet is especially suitable for the taking of predators as well as black grouse. When shooting heavy game such as buffalo, it reliably penetrates heavy bones and flesh. The prerequisite for reliable penetration is a closed point which is further reinforced in the larger calibres. Smaller calibre bullets have sharp points (VMS) whereas the larger calibres feature rounded tips (VMR).



### SOFTPOINT TM

For great energy delivery



The Softpoint is a bullet type that has for decades been a proven performer and still has many admirers. Thanks to its proven design, this bullet delivers great energy into the game and has good stopping power. With rugged round (TMR) or pointed (TMS) bullet tips.

**Its advantages at a glance:**

- Quickly deforms in both light as well as heavy game
- Great energy delivery
- Rugged nose for rough duty

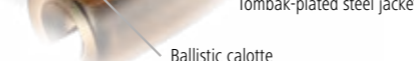
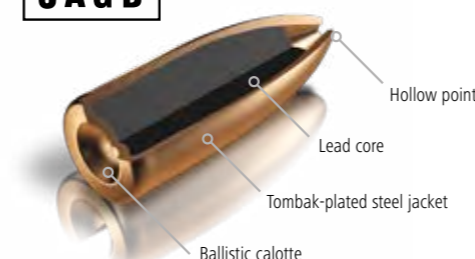


### MATCH JAGD MJ

For training and competition



The MATCH JAGD bullet is especially suitable for training for a hunting licence and to use in the practical examination. It is not suitable for actual hunting!



For more centrefire rifle cartridges, please see our listings in the GEKO section of this catalogue.



**Answers to the most frequent questions**

Do you still have questions about our products? Please visit our FAQ site online at: [rws-ammunition.com](http://rws-ammunition.com) → Service → Hunting → FAQ





## WHICH IS THE BEST BULLET?

The fascination with the chase is that there is always something new. That is why there is no universal answer to the question. „Which is the best bullet? The type of game, how it is taken, distance, calibre, weapon and of course the sportsman’s personal preference all

determine what the ‚right‘ bullet should be like. RWS fulfil these demands with our comprehensive selection of loads and bullets for every purpose. The following table lists some relevant properties of RWS game bullets to help you find the ideal one for your needs.

	Bullet type*	Escape distance	Penetration	Shock effect	Exit wound	Meat wastage
	PFRAG	very short	medium	very high	certain	varying
	EXP	short	very deep	high	certain	very little
	PFRAG	very short	medium	very high	certain	varying
	EXP	short	very deep	high	certain	very little
	PFRAG	very short	medium	very high	as a rule	varying
	PFRAG	very short	deep	very high	as a rule	varying
	PFRAG	short	deep	high	certain	little
	PFRAG	very short	deep	very high	as a rule	little
	PFRAG	very short	medium	very high	certain	varying
	PFRAG	short	deep	high	as a rule	little
	PFRAG	short	medium	high	as a rule	varying
	---	short	medium	medium	certain	very little

\*PFRAG = Partially fragmenting bullet, EXP = Expanding bullet

## THE PRIMER SEAL

Cartridges of the same calibre may have bullets of the same design yet with different weights. RWS make it easy for you to tell them apart: Cartridges with heavier bullets have either a red or green primer sealant (see chart).

With cartridges of the same calibre:  
 Lightest weight bullet: No primer seal  
 Medium weight bullet: Green primer seal  
 Heaviest weight bullet: Red primer seal

## THE CALIBRE

To be certain that you have the correct calibre cartridge for your rifle, it is important to note the full calibre designation as well as any additional information. Taking the 7 x 64 as an example, the first numeral 7 indicates the approximate bullet diameter or the inner diameter of the rifle barrel in millimetres. The numeral 64 indicates the approximate length of the empty cartridge case in millimetres. In English-speaking countries, the calibre is most often designated in inches (1 in. = 25.4 mm) without any indication of the case length. Instead, some clue to the origin of the cartridge is included. For example, .30-06 signifies a calibre of 0.30 inches and the year of its introduction, 1906. Very often the name of the manufacturer who introduced the cartridge is added, e.g. 6.5 x 65 RWS or .30 R Blaser.

### The special case of the 8 x 57 IS / 8 x 57 IRS

At this time, both the 8 x 57 IS and 8 x 57 IRS are loaded by RWS. For safety reasons, under no circumstances may either calibre be fired in barrels designated 8 x 57 I or 8 x 57 IR! To ensure that this may be avoided, 8 x 57 IS and 8 x 57 IRS loaded by RWS are identified by a black primer seal.



### What does it take to produce an RWS rifle cartridge?

Learn more about the quality and precision of our rifle cartridges by visiting our website at: [rws-ammunition.com](http://rws-ammunition.com) → About us → Hunting → Research and Development



Loads with red or green primer seals

Loads with no primer seal

5.6 x 50 Mag. TMS 4.1 g	5.6 x 50 R Mag. TMS 3.24 g
5.6 x 50 R Mag. TMS 4.1 g	
6.5 x 57 KS 8.2 g	
6.5 x 57 R KS 8.2 g	
7 x 57 R KS 10.5 g	
7 x 57 R ID Classic 11.5 g	
7 x 64 KS 10.5 g	7 x 64 KS 8.0 g
7 x 64 ID Classic 11.5 g	7 x 64 ID Classic 10.5 g
7 x 65 R KS 10.5 g	7 x 65 R KS 8.0 g
7 x 65 R ID Classic 11.5 g	7 x 65 R ID Classic 10.5 g
.30-06 KS 10.7 g (green)	.30-06 KS 9.7 g
.30-06 UNI Classic 11.7 g (green)	.30-06 ID Classic 9.7 g
.30-06 UNI Classic 13.0 g	



**NEW**

## THE PACKAGING

To get the best field use from your rifle, it is necessary to know the cartridge's external ballistics. So that you can have a handy reminder of your cartridge's ballistics in your pocket, RWS include this information on every box. A detachable fold-out attached to the back of the box has an illustration of that bullet and provides other useful information for the shooter.

Our practical new cartridge carriers can, according to your needs, be reduced to an even handier format so that the rounds you carry on the hunt will not rattle in your pocket. To remove a cartridge, merely grasp the case at the shoulder and push it out of the carrier.

- 1 Metric ballistic data for correct hold-offs or for use with bullet drop compensating and graduated scope reticles
- 2 Stages of bullet deformation or fragmentation illustrating how that bullet works upon impact
- 3 Bullet type
- 4 Bullet weight in grams and grains (1 gram = 15.43 grains)
- 5 Calibre designation
- 6 Imperial ballistic data in English
- 7 The item number and the lot number (2 numerals and 2 letters) identify the production series of the cartridges packed in that box
- 8 **NEW:** Maximum effective range data and game size recommendations



## BALLISTIC DATA

### Data determination

The ballistic data found on RWS and GECO cartridge boxes are not absolute but median values derived from many measurements taken with firearms of various make. Those data can be heavily influenced by, for example, differing barrel lengths.

### The trajectory

The barrel length is also given along with the cartridge data. This is usually 600 mm for RWS rifle cartridges. Should your barrel be slightly longer or shorter than this, then the velocity will increase or decrease. With high-performance cartridges, this value may vary by as much as 20 m/sec. It is taken as given that the scope sight

### The Recommended Zero Range - RZR

The RZR is that point where the bullet's path crosses the line of sight for the second time so that the bullet drops no more than 4 cm below the line of sight to give the maximum point-blank range. In the example below, an RZR of 182 m gives a maximum point-blank range of 209 m so that point of aim is the same up to 209 m. The rifle can still be zeroed at 100 m. In a 7 x 64, for example, setting the point of impact to 4 cm high at 100 m means that no change in point of aim is necessary up to the maximum point-blank range of 209 m.

### How to interpret the tables

Every bullet is slowed down by air resistance. The rate of braking depends upon the shape, mass and velocity of the bullet as well as the air density. The ballistic coefficient (BC) describes the bullet's influence on this resistance and is thereby a measure of how readily the bullet is braked by wind resistance or, in other words, the ability of the projectile to overcome air resistance.

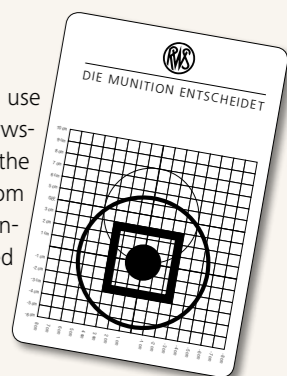
The velocity  $V$  is given in metres per second (m/sec) for the distances of 0, 50, 100, 200, 250 and 300 metres. The value  $V_0$  is that of the bullet velocity as it leaves the muzzle of the rifle. The kinetic energy of a bullet is based upon its velocity and its weight. Energy values are given in Joules (J) for ranges between 0 and 300 m. The value  $E_{100}$  shows the amount of energy delivered to a game animal

Firing tests of all cartridges are made and evaluated under identical conditions in our own facilities.

As a rule, these ballistic data are valid for level fire at sea level.

is mounted with its optical axis 5 cm above the bore axis. Positive values mean a bullet impact above the line of sight, negative values show impact below the line of sight.

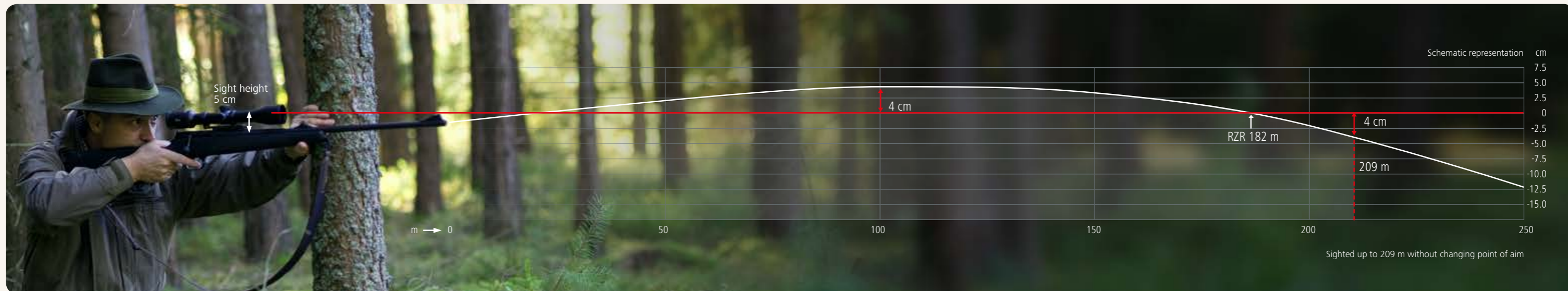
The RWS sighting-in target is optimal for this use and can be downloaded from our website [rws-ammunition.com](http://rws-ammunition.com). RWS is well known for the fact that points of impact hardly change from lot to lot. Still, it is necessary to take a few control shots to be sure that nothing has changed when switching ammunition lot numbers.



100 metres distant from the muzzle. In Germany, for example, roe deer must be taken with a cartridge that has an  $E_{100}$  of at least 1000 Joules. All other big game must be taken with a calibre of at least 6.5 mm and which develops an  $E_{100}$  of at least 2000 Joules.



You can download the RWS sighting-in-target from our website [rws-ammunition.com](http://rws-ammunition.com) → Hunting → Service → Testing target





# SPECIAL EDITION

A very personal masterpiece

This exclusive special series, available in four classic hunting calibres, is a true rarity. Each individual component - from primer to case to powder to bullet - has been carefully selected, tested, refined, and finally loaded by hand with meticulous precision. The careful optimized matching of the components ensures the

highest accuracy and performance of each and every cartridge. Even the look of the Special Edition is a masterpiece. The legendary RWS H-Mantel bullets are gold-plated with luxuriant black, ruthenium-plated cartridge cases engraved with the name of the person, making this range of cartridges into a personal masterpiece.



**Brilliant look:** Gold plated H-Mantel bullets and black ruthenium-plated cases produce not only optimum ballistics but a stunning look.

**Personal note:** Each individual cartridge is engraved with the name of the person and is thus a unique, individual product.

**Ballistic Perfection:** The use of the best components, their visual enhancement and the hand loading of the Special Edition guarantee the highest accuracy and reliability for every single cartridge.

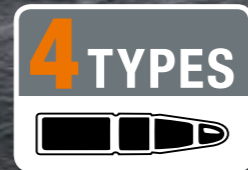
Bullet Item No.	Weight g gr	Barrel length mm	V <sup>1)</sup> E	0m	50m	100m	150m	200m	250m	300m	⊕ RZR * 2)	50m	100m	150m	200m	250m	300m	Ctg/box	
												Trajectory (cm)							
<b>.308 Win.</b>																			
<b>HMK</b>	11.7	600	V [m/sec]	795	754	714	675	638	602	567	⊕	100 m	-0.3	⊕	-4.5	-14.4	-30.3	-53.0	30
231 52 28	180		E [J]	3697	3326	2982	2665	2381	2120	1881	RZR	163 m	1.7	4.0	1.5	-6.3	-20.2	-40.9	
<b>.30-06</b>																			
<b>HMK</b>	11.7	600	V [m/sec]	856	813	771	731	692	654	617	⊕	100 m	-0.6	⊕	-3.5	-11.6	-24.8	-43.7	30
231 52 29	180		E [J]	4287	3867	3477	3126	2801	2502	2227	RZR	176 m	1.4	4.0	2.5	-3.5	-14.7	-31.7	
<b>.300 Win. Mag.</b>																			
<b>HMK</b>	11.7	650	V [m/sec]	955	909	864	821	779	738	699	⊕	100 m	-1.0	⊕	-2.3	-8.2	-18.2	-32.6	30
231 62 30	180		E [J]	5335	4834	4367	3943	3550	3186	2858	RZR	197 m	1.0	4.0	3.7	-0.3	-8.3	-20.8	
<b>8 x 57 JRS</b>																			
<b>HMK</b>	12.1	600	V [m/sec]	785	740	697	656	616	577	540	⊕	100 m	-0.3	⊕	-4.8	-15.3	-32.3	-56.7	30
231 52 42	187		E [J]	3728	3313	2939	2604	2296	2014	1764	RZR	160 m	1.8	4.0	1.3	-7.2	-22.2	-44.6	

1) V = Velocity, E = Energy 2) RZR = Recommended Zero Range





# CONNECT FOUR



Learn the practical application of the RWS Performance Test Pack in our video tutorial, "RWS Performance Test Pack": [rws-ammunition.com](http://rws-ammunition.com) → Videos → Hunting

Scan me

## PERFORMANCE TEST PACK

Out of Four, One. Find the optimal ammunition for your rifle with the new RWS Performance Test Pack! The Test Pack contains 4x5 RWS rifle cartridges loaded with four different special-purpose bullets, and a test target.

When purchasing a new rifle or looking for a new load, the hunter has the ability to find the best load for his rifle by using the RWS Performance Test Pack and its four test bullseyes. The test target included with the Test Pack has four differently coloured bullseyes - one for each of the loads - that are numbered to preclude confusion later. The test target also has instructions to help the shooter determine which load performs best.

RWS promises maximum accuracy.

The Performance Test Pack is available in calibres .308 Win., .30-06, .300 Win. Mag., 8x57 JS and 9.3x62, all with both lead-core and lead-free bullets. The most important features as well as the unique properties of each bullet are provided on the outside of the packaging. The shooter receives not only a set of targets to determine the best load for his rifle, but also information on other important criteria such as shocking power and meat damage.

RWS Performance Test Pack - Connect four!



Calibre Item No.	Ctg/ box					
<b>.308 Win.</b>						
231 92 77	20	EVO 11.9g	HIT 10.7g	EVO GREEN 8.8g	UNI Classic 11.7g	
<b>.30-06</b>						
231 92 76	20	EVO 11.9g	HIT 10.7g	EVO GREEN 8.8g	UNI Classic 11.7g	
<b>.300 Win. Mag.</b>						
231 92 80	20	EVO 11.9g	HIT 10.7g	EVO GREEN 8.8g	UNI Classic 11.7g	
<b>8x57 JS</b>						
231 92 81	20	EVO 13.0g	HIT 10.4g	EVO GREEN 9.0g		ID Classic 12.8g
<b>9.3x62</b>						
231 92 82	20	EVO 18.8g	HIT 16.2g	EVO GREEN 11.9g	UNI Classic 19.0g	



The ballistic data for the various loadings can be found in the tables starting on page 24.



BEST FUNCTION ALSO IN SEMI-AUTOMATIC RIFLES



# PERFORMANCE LINE SHORT RIFLE



**NEW**

## SHORT RIFLE

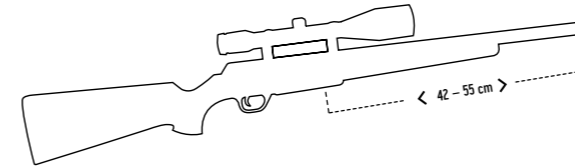
Full performance from short barrels

More and more hunters have come to appreciate the advantages of a short and handy barrel. This trend is fueled by the increased use of silencers, especially with the .308 Winchester calibre. Standard ammunition is formulated for use in the most commonly encountered barrel length of 60 cm. Firing standard ammunition out of 42 – 55 cm barrels has several disadvantages: Loss of velocity and energy,

reduced effective range, dazzling muzzle flash, increased muzzle blast and accelerated silencer wear. That is why RWS has developed a cartridge tailored specifically for use in short-barreled rifles. This means that shooting a short-barreled rifle no longer means giving up long-barrel performance.

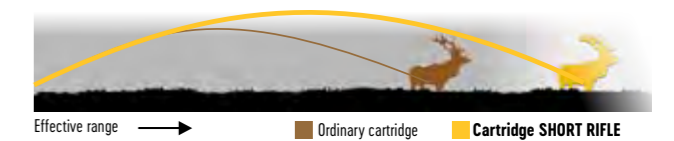
### Optimized for short barrels

The new RWS load is specially formulated for 42 to 55 cm barrels with a fast-burning powder, an appropriate bullet weight and a high-performance primer.



### Full velocity and energy

Thanks to its special formulation, the new RWS cartridge delivers full velocity and energy – even from short barrels. This means that you need not change your hunting tactics when it comes to a short barrel and that you can expect full game-taking power, even at long ranges.



### Reduced muzzle flash

Our fast-burning powder significantly reduces both muzzle flash and report in shorter barrels. Now you can keep sight of the target at the instant the shot is fired, which is especially important when hunting in twilight or darkness.

### The best choice when shooting with silencers

Short barrels are the first choice for use with a silencer. The complete combustion of this fast-burning powder within the barrel itself not only assures a significantly higher life expectancy for the silencer but also promotes tighter groups.

Bullet Item No.	Weight g	Barrel length/ mm BC-Wert 1)	V 2) [m/sec]	E	0m	50m	100m	150m	200m	250m	300m	⊕ RZR 3)	50m	100m	150m	200m	250m	300m	Trajectory (cm)	Ctg/box
<b>.308 Win.</b>																				
<b>HIT</b>	9.7	500	V [m/sec]		870	830	791	753	716	680	646	⊕ 100 m	-0.7	⊕	-3.2	-10.7	-23.1	-40.7	20	
<b>NEW</b>	240 66 15	150	0.386	E[J]	3671	3341	3035	2750	2486	2243	2024	RZR 180 m	1.3	4.0	2.8	-2.7	-13.0	-28.7		
<b>NEW</b>	<b>SPEED TIP PRO</b>	10.7	500	V [m/sec]	830	794	760	726	693	661	630	⊕ 100 m	-0.6	⊕	-3.7	-12.0	-25.5	-44.6	20	
	240 66 16	165	0.421	E[J]	3686	3373	3090	2820	2569	2338	2123	RZR 173 m	1.5	4.0	2.3	-4.0	-15.5	-32.5		
<b>.30-06</b>																				
<b>HIT</b>	10.7	500	V [m/sec]		840	804	769	734	701	668	636	⊕ 100 m	-0.6	⊕	-3.6	-11.7	-24.8	-43.4	20	
<b>NEW</b>	240 84 72	165	0.420	E[J]	3775	3458	3164	2882	2629	2387	2164	RZR 173 m	1.3	3.9	2.3	-3.9	-15.0	-31.7		
<b>NEW</b>	<b>SPEED TIP PRO</b>	10.7	500	V [m/sec]	870	832	795	758	723	689	655	⊕ 100 m	-0.7	⊕	-3.2	-10.6	-22.7	-40.0	20	
	240 84 73	165	0.405	E[J]	4049	3703	3381	3074	2797	2540	2295	RZR 179 m	1.2	3.9	2.7	-2.8	-13.0	-28.3		
<b>.300 Win. Mag.</b>																				
<b>HIT</b>	10.7	500	V [m/sec]		950	911	873	836	800	765	731	⊕ 100 m	-1.0	⊕	-2.2	-7.9	-17.5	-31.2	20	
<b>NEW</b>	240 84 74	165	0.420	E[J]	4828	4440	4077	3739	3424	3131	2859	RZR 199 m	0.9	3.9	3.7	-0.1	-7.7	-19.4		
<b>NEW</b>	<b>SPEED TIP PRO</b>	10.7	500	V [m/sec]	980	939	898	859	821	785	749	⊕ 100 m	-1.1	⊕	-1.9	-7.2	-16.1	-29.0	20	
	240 86 34	165	0.405	E[J]	5138	4717	4314	3948	3606	3297	3001	RZR 206 m	0.9	3.9	4.0	0.7	-6.3	-17.2		
<b>8 x 57 JS</b>																				
<b>HIT</b>	10.4	500	V [m/sec]		835	791	748	708	670	632	596	⊕ 100 m	-0.5	⊕	-3.9	-12.6	-26.8	-47.2	20	
<b>NEW</b>	240 84 75	160	0.338	E[J]	3615	3244	2901	2599	2328	2071	1842	RZR 169 m	1.4	3.9	2.0	-4.8	-17.1	-35.5		
<b>9.3 x 62</b>																				
<b>HIT</b>	16.2	500	V [m/sec]		770	734	698	665	633	601	571	⊕ 100 m	-0.2	⊕	-4.8	-15.2	-31.7	-55.0	20	
<b>NEW</b>	240 84 76	250	0.395	E[J]	4804	4365	3948	3583	3247	2927	2642	RZR 159 m	1.8	3.9	1.1	-7.3	-21.8	-43.1		

1) BC-Value = Ballistic coefficient 2) V = Velocity, E = Energy 3) RZR = Recommended Zero Range

Warning - Fire or projection hazard. - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.









Bullet Item No. Weight g Barrel length/mm BC-Value<sup>1)</sup> V<sup>2)</sup> E 0m 50m 100m 150m 200m 250m 300m ⊕ RZR \*3) 50m 100m 150m 200m 250m 300m Trajectory (cm) Ctg/box



### 7 x 65 R

Table with columns: Item No., Weight, BC-Value, Velocity, Energy, 0-300m, RZR, 50-300m Trajectory, Ctg/box. Rows include models like KS, EVO GREEN, HIT, and ID Classic.



### .308 Win.

Table with columns: Item No., Weight, BC-Value, Velocity, Energy, 0-300m, RZR, 50-300m Trajectory, Ctg/box. Rows include models like EVO GREEN, KS, HIT, SPEED TIP, and UNI Classic.

Bullet Item No. Weight g Barrel length/mm BC-Value<sup>1)</sup> V<sup>2)</sup> E 0m 50m 100m 150m 200m 250m 300m ⊕ RZR \*3) 50m 100m 150m 200m 250m 300m Trajectory (cm) Ctg/box



### .30-06

Table with columns: Item No., Weight, BC-Value, Velocity, Energy, 0-300m, RZR, 50-300m Trajectory, Ctg/box. Rows include models like EVO GREEN, KS, ID Classic, HIT, and SPEED TIP.



### .30 R Blaser

Table with columns: Item No., Weight, BC-Value, Velocity, Energy, 0-300m, RZR, 50-300m Trajectory, Ctg/box. Rows include models like EVO GREEN, DK, and UNI Classic.

1) BC-Value = Ballistic coefficient 2) V = Velocity, E = Energy 3) RZR = Recommended Zero Range







Table header for .300 Win. Mag. section: Bullet Item No., Weight g/gr, Barrel length/mm BC-Value¹, V²) E, 0m, 50m, 100m, 150m, 200m, 250m, 300m ⊕, 50m, 100m, 150m, 200m, 250m, 300m, Ctg/box



.300 Win. Mag.

Main data table for .300 Win. Mag. cartridges including EVO GREEN, HIT, KS, DK, SPEED TIP, and UNI Classic models.



.300 WSM

Table for .300 WSM cartridge: EVO



8 x 57 JS

Main data table for 8 x 57 JS cartridges including EVO GREEN, HIT, and SPEED TIP models.



For more centrefire rifle cartridges, please see our listings in the GEKO section of this catalogue.

Table header for 8 x 57 JRS section: Bullet Item No., Weight g/gr, Barrel length/mm BC-Value¹, V²) E, 0m, 50m, 100m, 150m, 200m, 250m, 300m ⊕, 50m, 100m, 150m, 200m, 250m, 300m, Ctg/box



8 x 57 JRS

Main data table for 8 x 57 JRS cartridges including EVO GREEN, HIT, and SPEED TIP PRO models.



8 x 68 S

Main data table for 8 x 68 S cartridges including EVO GREEN, HIT, KS, and SPEED TIP PRO models.



.338 Lapua Magnum

Table for .338 Lapua Magnum cartridge: SPEED TIP PRO



9.3 x 62

Main data table for 9.3 x 62 cartridges including EVO GREEN, DK, KS, HIT, and UNI Classic models.



1) BC-Value = Ballistic coefficient 2) V = Velocity, E = Energy 3) RZR = Recommended Zero Range



Bullet Item No.	Weight g/gr	Barrel length/ mm BC-Value <sup>1)</sup>	V <sup>2)</sup> E	0m	50m	100m	150m	200m	250m	300m	⊕ RZR * 3)	50m	100m	150m	200m	250m	300m	Ctg/ box
-----------------	-------------	--	-------------------	----	-----	------	------	------	------	------	------------	-----	------	------	------	------	------	----------



**9.3 x 64**

<b>EVO GREEN</b>	11.9	650	V[m/sec]	970	917	866	816	769	723	679	⊕ 100 m	-1.0	⊕	-2.2	-8.2	-18.2	-33.0	20
240 11 28	184	0.312	E[J]	5598	5003	4462	3962	3519	3110	2743	RZR 198 m	1.0	4.0	3.8	-0.2	-8.2	-21.0	
<b>UNI Classic</b>	19.0	650	V[m/sec]	765	734	704	674	646	618	591	⊕ 100 m	-0.2	⊕	-4.7	-14.9	-30.9	-53.3	20
211 92 50	293	0.465	E[J]	5560	5118	4708	4316	3965	3628	3318	RZR 160 m	1.8	4.0	1.2	-7.0	-21.0	-41.5	



**9.3 x 74 R**

<b>EVO GREEN</b>	11.9	600	V[m/sec]	885	835	787	740	695	652	611	⊕ 100 m	-0.7	⊕	-3.2	-10.9	-23.8	-42.4	20
231 83 29	184	0.312	E[J]	4660	4148	3685	3258	2874	2529	2221	RZR 179 m	1.3	4.0	2.8	-2.9	-13.7	-30.3	
<b>KS</b>	16.0	600	V[m/sec]	740	696	654	613	574	537	501	⊕ 100 m	0.0	⊕	-5.8	-18.1	-37.9	-66.2	20
211 82 97	247	0.320	E[J]	4381	3875	3422	3006	2636	2307	2008	RZR 151 m	2.0	4.0	0.2	-10.2	-28.0	-54.3	
<b>HIT</b>	16.2	600	V[m/sec]	710	675	642	609	576	545	515	⊕ 100 m	0.2	⊕	-6.1	-18.9	-39.1	-67.6	20
231 94 67	250	0.395	E[J]	4084	3692	3340	3005	2688	2407	2149	RZR 149 m	2.2	4.0	-0.1	-10.9	-29.0	-55.5	
<b>TMR</b>	18.5	600	V[m/sec]	680	637	596	556	518	482	449	⊕ 100 m	0.5	⊕	-7.4	-22.9	-47.4	-82.7	20
211 82 70	285	0.309	E[J]	4277	3753	3286	2860	2482	2149	1865	RZR 141 m	2.5	4.0	-1.5	-14.9	-37.5	-70.7	
<b>EVO</b>	18.8	600	V[m/sec]	665	632	600	569	539	510	483	⊕ 100 m	0.6	⊕	-7.4	-22.4	-45.8	-78.7	20
231 54 37	291	0.400	E[J]	4157	3755	3384	3043	2731	2445	2193	RZR 141 m	2.5	3.9	-1.5	-14.5	-36.0	-66.9	
<b>UNI Classic</b>	19.0	600	V[m/sec]	675	646	618	591	565	539	514	⊕ 100 m	0.4	⊕	-6.9	-20.8	-42.3	-72.4	20
211 92 77	293	0.465	E[J]	4328	3965	3628	3318	3033	2760	2510	RZR 144 m	2.4	4.0	-0.9	-12.9	-32.5	-60.5	



**.375 H&H Mag.**

<b>UNI Classic</b>	19.5	650	V[m/sec]	780	737	695	654	615	578	542	⊕ 100 m	-0.2	⊕	-4.8	-15.5	-32.6	-57.0	20
211 83 78	301	0.334	E[J]	5932	5296	4709	4170	3688	3257	2864	RZR 159 m	1.8	4.0	1.2	-7.4	-22.5	-45.0	



**10.3 x 68 Mag.**

<b>HIT</b>	13.0	650	V[m/sec]	905	846	790	738	688	639	592	⊕ 100 m	-0.8	⊕	-3.2	-10.8	-23.7	-42.5	20
<b>NEW</b> 240 42 55	200	0.268	E[J]	5324	4652	4057	3540	3077	2654	2278	RZR 180 m	1.2	4.0	2.8	-2.8	-13.7	-30.6	
<b>EVO GREEN</b>	13.5	650	V[m/sec]	900	842	788	736	685	636	588	⊕ 100 m	-0.8	⊕	-3.2	-10.9	-23.9	-42.9	20
<b>NEW</b> 240 29 19	208	0.271	E[J]	5468	4786	4191	3656	3167	2730	2334	RZR 179 m	1.2	4.0	2.8	-2.9	-13.9	-31.0	
<b>NEW</b> <b>SPEED TIP PRO</b>	18.5	650	V[m/sec]	800	762	725	689	653	619	585	⊕ 100 m	-0.4	⊕	-4.3	-13.7	-29.0	-50.6	20
240 29 20	285	0.379	E[J]	5920	5371	4862	4391	3944	3544	3166	RZR 165 m	1.6	4.0	1.7	-5.7	-19.0	-38.6	
<b>NEW</b> <b>TM bonded</b>	25.9	650	V[m/sec]	710	664	620	576	534	495	461	⊕ 100 m	0.3	⊕	-6.7	-20.8	-43.6	-76.5	20
240 52 87	400	0.298	E[J]	6528	5710	4978	4296	3693	3173	2752	RZR 145 m	2.3	4.0	-0.7	-12.8	-33.6	-64.5	



**WORLD NOVELTY**

**SmartMagnum™**  
10.3x68 Mag.  
The new dimension

The 10.3x68 Magnum sets new standards for comfortable shooting in the magnum class and expands its range of use into a completely new dimension. Independent of impact velocity, the increased bullet cross-section assures extraordinary performance on game as well as up to 81% more stopping power than common medium calibers, yet with about the same amount of recoil. No other caliber offers the possibility of bullet weights ranging from 11 to 26 grams, thereby covering almost any hunting application. Especially when drive-hunting tough boar, the large sectional area delivers instantaneous stopping power. Also in lead-free!

- HIT BULLET** **HIT 13.0 g**  
Convincing penetration - lead-free
- EVO FRAGMENTATION** **EVOLUTION GREEN 13.5 g**  
Satisfying shocking power - lead free
- ST PROFESSIONAL** **SPEED TIP PRO 18.5 g**  
Highest knock-down power at all distances
- T MANTEL** **SOFTPOINT BONDED 25.9 g**  
For great energy delivery

**Cross-sectional area plus+**

This truth is no secret: A large cross-sectional area puts the brakes on game! The large cross-sectional area of the 10.3x68 Mag. bullet delivers up to 81% more stopping power compared to ordinary medium bores with similar recoil. The large impact surface emulates the well-known rifled slug effect and reduces wounded game flight distances to a minimum – even in the lead-free version. The efficacy of this calibre is further enhanced with modern bullet designs and can be adapted to game of any weight.



**The SmartMagnum™ effect**

The 10.3x68 Mag. redefines comfortable shooting in the magnum class and expands the useful range of magnum cartridges into an entirely new dimension. Regardless of impact velocity, the enlarged cross-sectional area assures an extraordinarily great shock effect in the body of the game animal. The variety of bullet weights supports the versatility of this calibre.

**Uncompromising with strong partners**

Even the most effective calibre with the best bullet only works when it hits where it is supposed to. For that, it needs an efficient weapons system. The Blaser R8 and the Sauer 404 are now available as two reliable solutions for maximum hunting success with the 10.3x68 Mag.

**Blaser SAUER**

**One calibre for everything**

Whether after Austrian marmot or African Cape buffalo, the 10.3x68 Mag. is one calibre for everything. Bullet weights from 11 to 26 grams are practicable in no other calibre and they cover almost every hunting situation, whether in your home hunting grounds or on foreign hunting trips.



Witness this world's first in its element. Our trailer, "RWS 10.3x68 Mag. – The New Dimension", shows the full performance potential of this calibre on a hunt for a capital wild boar: [rws-ammunition.com](http://rws-ammunition.com) → Videos → Hunting





### SHOOTING CAPS

#### RWS Cap for hunting and leisure wear

Camouflage cap with subdued RWS logo embroidered in 3-D. Adjustable fit. Outer material 100% cotton; brown sections are coated/waxed



#### RWS Hunting Cap for driven game hunts

Blaze orange camouflage cap with subdued RWS logo embroidered in 3-D. Adjustable fit. Outer material: Camouflage 100% polyester, black 100% cotton



#### RWS Classic Cap

in black with the RWS logo in rich 3-D embroidery on the crown and the RWS motto woven into the sandwich brim, adjustable for head size. Outer material: 100% cotton

Item No.	Type	Colour
231 62 95	<b>RWS-Cap</b>	Camouflage/brown
240 52 73	<b>RWS-Cap</b>	Blaze orange camouflage/black
231 86 72	<b>RWS-Cap</b>	Black

### RWS RIFLE CARTRIDGE BOARD

Ideal for instructional purposes

This high-quality shadow box contains only original components from RWS. For safety purposes the cases are without power and the primers have no priming compound. The acrylic glass front is detachable, and all components can be removed for study.

The cartridge board is ideal for instructional purposes. The back of the board contains information concerning the construction and properties of the various RWS special-purpose bullets and cartridge cases.



Item No.	Size	Weight
220 77 96	ca. 45 cm x 35 cm	ca. 3 kg



[www.all4hunters.com](http://www.all4hunters.com)

The new version of our website is online now!

BETTER USABILITY FOR OUR FANS

MANY ADDITIONAL VIDEOS ON OUR WEBSITE, ON FACEBOOK AND ON YOUTUBE

NEW, WELL STRUCTURED LOOK AND FEEL

RELEVANT TESTS OF FIREARMS, OPTICS, AMMUNITION AND ACCESSORIES

PERFECT OPTIMIZATION FOR SMARTPHONES AND TABLETS

EUROPE'S MOST SUCCESSFUL WEB PLATFORM FOR HUNTERS AND SPORT SHOOTERS



[www.all4shooters.com](http://www.all4shooters.com)

**NEW**

# TARGET ELITE PLUS

RWS Match Grade Cartridges in handloader quality

RWS TARGET ELITE PLUS stands for match cartridges in handloader quality. The cartridges are characterized by extremely finely-tuned ballistics and therefore a consistently high precision for ranges up to 1200 m. The range of calibres from .223 to .338 Lapua Magnum sets new standards in all branches of precision shooting sports.

- Highest quality Made in Germany
- Defined accuracy standard of maximum 16.9 mm to 25 mm standard deviation from test barrels
- For long-range disciplines for ranges up to 1200 m
- Large-bore cartridges prepared in handloader quality
- Specially manufactured match cases as well as selected HPBT match bullets
- Consistent point of impact from lot to lot
- Configured for best-grade match weapons with twist rates for long-range shooting



Bullet	Weight g	Barrel length mm	V 2)	0m	50m	100m	150m	200m	250m	300m	⊕	50m	100m	150m	200m	250m	300m	Clg/box
Item No.	gr	BC-Wert 1)	E								RZR 3)	Trajectory (cm)						

### .223 Rem.

<b>TARGET ELITE PLUS</b>	5.0	600	V[m/sec]	785	746	708	672	637	602	569	⊕	100 m	-0.3	⊕	-4.6	-14.6	-30.7	-53.6	20
240 38 68	77	0.373	E[J]	1541	1391	1253	1129	1014	906	809	RZR	162 m	1.7	4.0	1.4	-6.6	-20.7	-41.6	

### 6.5 Creedmoor

<b>TARGET ELITE PLUS</b>	8.4	610	V[m/sec]	869	841	813	786	759	733	708	⊕	100 m	-0.3	⊕	-3.4	-10.9	-22.5	-38.8	20	<b>NEW</b>
240 97 62	130	0.548	E[J]	3173	2970	2777	2595	2422	2259	2104	RZR	178 m	1.7	4.0	2.5	-2.9	-12.6	-26.8		

### 6.5 x 55 SE

<b>TARGET ELITE PLUS</b>	8.4	740	V[m/sec]	830	803	776	749	723	698	673	⊕	100 m	-0.1	⊕	-4.0	-12.3	-25.4	-43.4	20	<b>NEW</b>
240 97 61	130	0.548	E[J]	2895	2706	2528	2358	2198	2046	1903	RZR	168 m	1.8	3.8	1.8	-4.6	-15.7	-31.9		

### .308 Win.

<b>TARGET ELITE PLUS</b>	10.0	600	V[m/sec]	890	852	815	779	744	709	676	⊕	100 m	-0.8	⊕	-2.9	-9.8	-21.2	-37.5	20	<b>NEW</b>
240 86 32	154	0.412	E[J]	3961	3630	3321	3034	2768	2513	2285	RZR	184 m	1.1	3.9	3.0	-2.0	-11.4	-25.7		

<b>TARGET ELITE PLUS</b>	10.9	600	V[m/sec]	810	776	743	711	680	649	620	⊕	100 m	-0.5	⊕	-4.0	-12.8	-27.0	-47.0	20
240 38 67	168	0.438	E[J]	3576	3282	3009	2755	2520	2296	2095	RZR	169 m	1.5	4.0	2.0	-4.8	-16.9	-34.9	

<b>TARGET ELITE PLUS</b>	12.3	650	V[m/sec]	796	768	741	713	687	661	636	⊕	100 m	-0.4	⊕	-4.0	-12.9	-27.0	-46.7	20	<b>NEW</b>
240 86 33	190	0.528	E[J]	3897	3627	3377	3126	2903	2687	2488	RZR	167 m	1.5	3.9	1.8	-5.1	-17.2	-35.0		

### .300 Win. Mag.

<b>TARGET ELITE PLUS</b>	12.3	650	V[m/sec]	875	846	817	789	761	734	707	⊕	100 m	-0.8	⊕	-2.9	-9.7	-20.8	-36.4	20
240 38 66	190	0.530	E[J]	4709	4402	4105	3829	3562	3313	3074	RZR	186 m	1.2	4.0	3.1	-1.7	-10.8	-24.4	

### .338 Lapua Mag.

<b>TARGET ELITE PLUS</b>	19.4	650	V[m/sec]	780	759	739	719	699	680	661	⊕	100 m	-0.4	⊕	-4.1	-13.0	-26.9	-46.1	20
240 51 20	300	0.708	E[J]	5901	5588	5297	5015	4739	4485	4238	RZR	168 m	1.6	4.0	1.9	-4.9	-16.8	-34.0	

1) BC-Value = Ballistic coefficient 2) V = Velocity, E = Energy 3) RZR = Recommended Zero Range

Warning - Fire or projection hazard. - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.



*Jean Quiquampoix*

Jean Quiquampoix,  
Silver medalist Olympic Games 2016



## READY FOR SUCCESS

'I use the R50 as well as the Pistol Match SR for practice and competition because they are absolutely reliable and uniform in performance. I can rely on these cartridges 100 percent. They are simply perfect for me!'

**RWS - The ammunition counts!**



# RIMFIRE CARTRIDGES

The ammunition counts

RWS rimfire cartridges have been successful in the competitive target sector for many years and have scores of victories at the club, international and Olympic levels. To further these successes, RWS work with top shots and proven experts to continuously improve their products. A decades-long experience in loading ammunition is the basis upon which RWS is always making improvements.

Not only are the cartridges continually improved and submitted to the highest technical standards of performance, the design of the packaging is also very well thought out. The clear separation of RWS rimfire cartridges into product lines makes it easier to choose the right cartridge for the desired application. In addition, a classification of target cartridges by means of stars has been introduced to signify their relative precision and performance.



The pictograms on the packaging indicate the quantity, the bullet weight, whether the use is intended for pistol or rifle, and the calibre.

**PREMIUM LINE**  
Stands for cartridges of highest quality and performance for the High End sector

**PROFESSIONAL LINE**  
Features high performance cartridges for competition and training

**SPORT LINE**  
Features reliable training cartridges for price-conscious shooters

**FIELD LINE**  
Contains cartridges intended for special applications.

## PREMIUM LINE



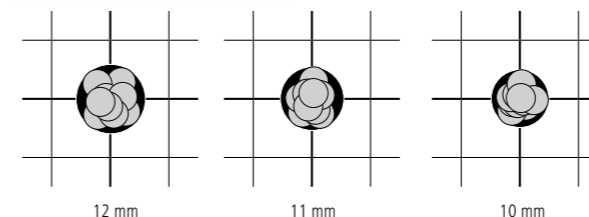
Thanks to its top performance and absolute reliability, every single one of the RWS branded rimfire products proves its first-class quality every day. Whether for shooting in international or club competitions, training or in special applications, RWS rimfire cartridges stand for the highest reliability and accuracy.

# PREMIUM LINE

Highest quality and accuracy for elite sport

## R 50

- The cartridge of choice for numerous Olympic champions and world record holders
- Matchless precision and reliability due to specially coordinated production processes
- Each batch is inspected several times and tested thoroughly with regard to ballistics, gas pressure and dispersion pattern
- Series for series with components that are matched with each other and inspected several times
- Consistent speed
- Ideal for the entire area of small bore match gun, benchrest and free pistol shooting
- Calibre: .22 long rifle
- Lead bullet, 2.6 g,  $V_0$  330 m/sec (barrel length: 65 cm)



Sample shooting results:  
10 shots / 50 m with RWS R 50

## R 100

- Top quality cartridge with excellent shooting performance and accuracy
- Preferred by a lot of internationally successful competition shooters
- High velocity in supersonic range
- Recommended as simple rifle cartridge for all disciplines at 50 und 100 m
- Calibre: .22 long rifle
- Lead bullet, 2.6 g,  $V_0$  345 m/sec (barrel length: 65 cm)



## SPECIAL MATCH

- Very good quality and accuracy
- Reducing the error rate in competition and training
- Recommended for the entire area of small bore guns, free pistols and sport pistols
- Calibre: .22 long rifle
- Lead bullet, 2.6 g,  $V_0$  330 m/sec (barrel length: 65 cm)



### RWS is a partner and sponsor of



the German Shooting Sport Federation National Team



the Swiss Shooting Federation



the French Shooting Federation



the Hungarian Shooting Federation

Item No.	Calibre	Type	Bullet	Weight g	Barrel Length mm	$V_0$	Velocity m/sec		$E_0$	Energy joules		Ctg/ box
							$V_{50}$	$V_{100}$		$E_{50}$	$E_{100}$	
213 41 87	.22 l.r.	<b>R 50</b>	LRN	2.6	650	330	294	271	142	113	95	50
213 41 95	.22 l.r.	<b>R 100</b>	LRN	2.6	650	345	304	277	155	120	100	50
213 42 33	.22 l.r.	<b>Special Match</b>	LRN	2.6	650	330	294	271	142	113	95	50





# PROFESSIONAL LINE

High accuracy for competition and training

## RIFLE MATCH S

- Fast cartridge for training and competitions
- Supersonic velocity
- Top accuracy at 50 m as well as 100 m
- Good alternative for sensitive barrels
- Training cartridge for R 100
- Calibre: .22 long rifle
- Lead bullet, 2.6 g,  $V_0$  345 m/sec (barrel length: 65 cm)



## RIFLE MATCH

- The ace of guns
- Special cartridge for rifles
- Best possible velocity development
- Very good performance
- Attractive price
- Calibre: .22 long rifle
- Lead bullet, 2.6 g,  $V_0$  330 m/sec (barrel length: 65 cm)



## PISTOL MATCH SR

- Top grade pistol ammunition
- Softer recoil thanks to less priming material and new propellant
- Uniform and minimal muzzle jump due to a very consistent burning characteristic
- Reduced muzzle impulse, smaller muzzle flash
- Perfect combination of hardly noticeable recoil and soft shot development
- Calibre: .22 long rifle
- Lead bullet, 2.6 g,  $V_0$  260 m/sec (barrel length: 13 cm)



## PISTOL MATCH

- Reliable function and high accuracy
- Ideal for sporting and standard pistols at 25 m
- Extremely soft shot release
- Outstanding internal ballistic values
- Less impact on arm muscles, less effort required
- Convincing price/performance ratio
- Calibre: .22 long rifle
- Lead bullet, 2.6 g,  $V_0$  275 m/sec (barrel length: 13 cm)



Item No.	Calibre	Type	Bullet	Weight g	Barrel Length mm	Velocity m/sec			Energy joules			Ctg/ box
						$V_0$	$V_{50}$	$V_{100}$	$E_0$	$E_{50}$	$E_{100}$	
231 43 72	.22 l.r.	<b>Rifle Match S</b>	LRN	2.6	650	345	304	277	155	120	100	50
213 42 25	.22 l.r.	<b>Rifle Match</b>	LRN	2.6	650	330	294	271	142	113	95	50
231 77 99	.22 l.r.	<b>Pistol Match SR</b>	LRN	2.6	130	260	244	229	88	77	68	50
213 24 43	.22 l.r.	<b>Pistol Match</b>	LRN	2.6	130	275	257	241	98	86	76	50

# SPORT LINE

Cartridges for starting out and for intensive shooting

## TARGET RIFLE

- Universal cartridge with unbeatable quality
- Consistently outstanding shot performance
- Balanced velocity
- Proven training cartridge
- Calibre: .22 long rifle
- Lead bullet, 2.6 g,  $V_0$  330 m/sec (barrel length: 65 cm)



## TARGET PISTOL

- Fast training cartridge
- Precise and reliable
- The cartridge functions reliably even in sensitive pistols and semi-automatic rifles
- Calibre: .22 long rifle
- Lead bullet, 2.6 g,  $V_0$  285 m/sec (barrel length: 13 cm)



## CLUB

- Satisfying precision
- Training ammunition for beginners
- Faultless performance from many weapons
- Inexpensive training cartridges
- Calibre: .22 long rifle
- Lead bullet, 2.6 g,  $V_0$  330 m/sec (barrel length: 65 cm)



## SEMI AUTO

- Special powder load optimised for use in semi-automatic rifles and pistols
- The cartridges are made and inspected to RWS quality standards
- Made in Germany for good accuracy and reliable functioning
- Lead bullet: 2.6 g
- $V_0$  355 m/sec +/- 10m/sec (barrel length: 65 cm)
- $V_0$  330 m/sec (barrel length: 42 cm)
- $V_0$  295 m/sec (barrel length: 15 cm)



Item No.	Calibre	Type	Bullet	Weight g	Barrel Length mm	Velocity m/sec			Energy joules			Ctg/ box
						$V_0$	$V_{50}$	$V_{100}$	$E_0$	$E_{50}$	$E_{100}$	
213 24 78	.22 l.r.	<b>Target Rifle</b>	LRN	2.6	650	330	294	271	142	113	95	50
213 27 10	.22 l.r.	<b>Target Pistol</b>	LRN	2.6	130	285	262	244				50
213 28 85	.22 l.r.	<b>Club*</b>	LRN	2.6	650	330	295	270	142	113	95	50
231 86 01	.22 l.r.	<b>Semi Auto</b>	LRN	2.6	650	355	309	281	164	124	103	50

\* limited availability





# FIELD LINE

Designed for successful hunting and special applications

## SUBSONIC HP

- Specialty for low-noise shooting
- Special precision cartridges for hunting
- The velocity is always under sound barrier
- Suitable for guns with moderators
- Good function in single loaders
- The hollow point guarantees certain effectiveness for small game and predators
- Calibre: .22 long rifle
- Lead bullet, 2.6 g,  $V_0$  315 m/sec (barrel length: 65 cm)



## Z LANG

- Perfection at close range
- Designed especially for shooting at close range
- Extremely suitable for indoor shooting
- Quiet and gentle recoil
- Characterized by particularly low speed
- Totally reliable
- Calibre: .22 long rifle
- Lead bullet, 1.9 g,  $V_0$  235 m/sec (barrel length: 65 cm)



For more rimfire cartridges, please see our listings in the GECO section of this catalogue

Item No.	Calibre	Type	Bullet	Weight g	Barrel Length mm	Velocity m/sec			Energie joules			point of impact in cm with scope mounted 5cm above bore axis				Ctg/box	
						$V_0$	$V_{50}$	$V_{100}$	$E_0$	$E_{50}$	$E_{100}$	sighting-in distance	25 m	50 m	75 m		100 m
213 26 64	.22 l.r.	<b>Subsonic</b>	LHP	2.6	650	315	285	264	129	106	89	50 m	1.0	⊕	-8.5	-25.1	50
213 27 53	.22 l.r.	<b>Z lang</b>	LRN	1.9	650	235	219	204	52	46	40						50

# FIELD LINE

Designed for successful hunting and special applications

## HIGH VELOCITY

- Copper coated solid lead bullet for hunting small game
- Excellent impact and penetration with a tangible increase of 80 m/sec in speed
- Suitable for long rifles and insert barrels
- Calibre: .22 long rifle
- Lead bullet, 2.6 g,  $V_0$  385 m/sec (barrel length: 65 cm)



## HIGH VELOCITY HP

- Enhanced power and expansion on small game and vermin via its copper-plated lead hollow point bullet
- Very good penetration due to a tangible increase of 80 m/sec in speed
- Suitable for long rifles and insert barrels
- Calibre: .22 long rifle
- Lead bullet, 2.6 g,  $V_0$  385 m/sec (barrel length: 65 cm)



## MAGNUM FMJ

- The high velocity is responsible for extremely high energy release at the target
- Extended trajectory of up to 100 m is exactly right for hunting
- Minimal damage to the game – minimal damage to the hide
- Calibre: .22 Magnum
- Lead bullet, 2.6 g,  $V_0$  595 m/sec (barrel length: 60 cm) (Full metal jacket)



## MAGNUM SP

- The high velocity is responsible for extremely high energy release and superior penetration at the target
- Flat trajectory of up to 100 m, optimum for hunting small game and prey
- Good penetration due to the hollow point
- Calibre: .22 Magnum
- Lead bullet, 2.6 g,  $V_0$  595 m/sec (barrel length: 60 cm) (Hollow Point Bullet)



Item No.	Calibre	Type	Bullet	Weight g	Barrel Length mm	Velocity m/sec			Energie joules			point of impact in cm with scope mounted 5cm above bore axis				Ctg/box	
						$V_0$	$V_{50}$	$V_{100}$	$E_0$	$E_{50}$	$E_{100}$	sighting-in distance	25 m	50 m	75 m		100 m
213 24 86	.22 l.r.	<b>High Velocity</b>	LRN	2.6	650	385	328	293	193	140	112	50 m	1.5	⊕	-7.2	-20.8	50
213 24 94	.22 l.r.	<b>High Velocity</b>	LHP	2.6	650	385	328	293	193	140	112	50 m	1.5	⊕	-7.2	-20.8	50
213 30 83	.22 Mag	<b>Magnum</b>	FMJ	2.6	600	595	495	418	460	319	227	100 m	-0.2	2.5	2.7	⊕	50
213 30 75	.22 Mag	<b>Magnum</b>	SHP	2.6	600	595	495	418	460	319	227	100 m	-0.2	2.5	2.7	⊕	50





# AIR GUN PELLETS

The ammunition counts

As a leading supplier of air gun ammunition, the name RWS guarantees excellent quality and technology worldwide. Decades of experience in the production of diablo pellets assure an impressive lead on the market. RWS air gun pellets are characterised by their particularly skilful material composition, the special surface finish and optimised weight. This guarantees outstanding precision. All RWS match pellets are manufactured in the classical diablo shape. The head, the skirt and the special shape of the pellet head plate are decisive factors for the ideal stabilisation of the pellet in the barrel and also for sharp outlines of the pellet holes. Close production

tolerances combined with strict testing conditions allow the optimisation of the precision – here, quality has been redefined. The range offers a wide selection of precision projectiles for matches and training as well as numerous custom shapes for special applications. Five clearly structured product lines make it easier to make the right choice for each application. Whether for shooting in international competitions or at club level, in training or for popular sport – RWS air gun pellets always stand for absolute reliability and precision.

RWS is a partner and sponsor of



the German Shooting Sport Federation National Team



the Swiss Shooting Federation



the French Shooting Federation



the Hungarian Shooting Federation



Alin Moldoveanu - Gold medalist Olympic Games 2012



## READY FOR SUCCESS

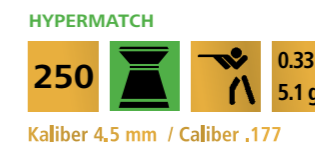
'I have been shooting RWS R10 match air gun pellets for years because for me they are simply the best! They are produced with the highest degree of precision; every step in manufacturing is subject to strict quality and inspection controls, and I could see this for myself in their factory. I trust in R10 air gun pellets. They helped me win the Olympics. Thanks, RWS!'

**RWS - The ammunition counts.**

## RWS HYPERMATCH

The first lead-free premium match quality air gun pellet from RWS

- Made in the classic match diablo shape
- The ideal air gun pellet for lead-free training and competition
- Outstanding accuracy for a lightweight tin pellet
- 7.5 mm shot group size
- The high-tech tin alloy is absolutely lead-free, environmentally safe and easy on the barrel.
- Available in calibre 4.5 mm
- Weight: 0.33 g / 5.1 gr
- 250-count round tin



Type	Item No.	Calibre mm	Pellet weight g	Head diameter in mm	Pellet length mm	Single pack	Sales pack.
HYPERMATCH / 0.33 g	231 88 69	4.5	0.33	4.50	5.6	250	2500

See page 50 for more lead-free air gun pellets

rws-ammunition.com





# PREMIUM LINE

Premium match pellets – highest quality for top sports

## RWS R 10 MATCH, RWS R 10 MATCH PLUS

In shooting circles, R10 MATCH pellets have long been known as high-end pellets with the greatest precision. Selected material quality, tight production tolerances and professional precision control ensure the top quality of the R10. Absolute dimensional consistency in length and weight are a matter of course, as are the tightest, uniform shooting patterns and sharply punched out holes. The best R10 MATCH pellets are selected for the R10 MATCH PLUS

and are carefully packaged in the specially produced competition packages.

R10 MATCH pellets are the top choice of the world's elite shooters as well as ambitious club shooters interested in high performance.

- Available in calibre 4.5 mm
- Four different head diameters
- Weight: 0.45 g and 0.53 g
- 500-count round tin or 100-count competition package

### RWS R 10 MATCH

R 10 MATCH

500 0.53 g / 8.2 gr

Kaliber 4,5 mm / Caliber .177



R 10 MATCH

500 0.45 g / 7.0 gr

Kaliber 4,5 mm / Caliber .177



Especially for pistol shooters

### RWS R 10 MATCH PLUS

R 10 MATCH PLUS

100 0.53 g / 8.2 gr

Kaliber 4,5 mm / Caliber .177



Type	Item No.	Calibre mm	Pellet weight g	Head diameter in mm	Pellet length mm	Single pack.	Sales pack.
<b>R 10 MATCH PLUS / 0.53 g</b>	213 52 64	4.5	0.53	4.50	5.5	100	500
	213 73 56	4.5	0.53	4.48	5.5	500	5000
<b>R 10 MATCH / 0.53 g</b>	213 73 64	4.5	0.53	4.49	5.5	500	5000
	213 59 06	4.5	0.53	4.50	5.5	500	5000
	213 73 72	4.5	0.53	4.51	5.5	500	5000
	231 54 40	4.5	0.45	4.48	5.4	500	5000
<b>R 10 MATCH / 0.45 g</b>	231 54 41	4.5	0.45	4.49	5.4	500	5000
	231 54 42	4.5	0.45	4.50	5.4	500	5000
	231 54 43	4.5	0.45	4.51	5.4	500	5000

Air gun pellets can be purchased without licence.

# PROFESSIONAL LINE

Powerful MEISTERKUGELN – precision for competition and training

## RWS MEISTERKUGELN

For decades RWS MEISTERKUGELN have been part of every ambitious shooter's equipment. Significant improvements in production technology have led to yet another enhancement in quality. New material compositions and optimised surface treatment have created a permanently bright and shiny appearance. The production of accurate dimension and weight is subject to continuous checks.

- Available in calibres 4.5 mm and 5.5 mm
- Four different head diameters
- Weight: 0.45 g, 0.53 g and 0.91 g
- 250-count and 500-count round tin

### RWS MEISTERKUGELN / 0.53 G

MEISTERKUGELN

500 0.53 g / 8.2 gr

Kaliber 4,5 mm / Caliber .177



MEISTERKUGELN

250 0.53 g / 8.2 gr

Kaliber 4,5 mm / Caliber .177



### RWS MEISTERKUGELN / 0.91 G

MEISTERKUGELN

500 0.91 g / 14.0gr

Kaliber 5,5 mm / Caliber .22



### RWS MEISTERKUGELN / 0.45 G

MEISTERKUGELN

500 0.45 g / 7.0 gr

Kaliber 4,5 mm / Caliber .177



Especially for pistol shooters

Type	Item No.	Calibre mm	Pellet weight g	Head diameter in mm	Pellet length mm	Single pack.	Sales pack.
<b>MEISTERKUGELN / 0.53 g</b>	231 58 54	4.5	0.53	4.48	5.5	500	5000
	213 60 23	4.5	0.53	4.49	5.5	500	5000
	213 59 65	4.5	0.53	4.50	5.5	500	5000
	213 60 31	4.5	0.53	4.51	5.5	500	5000
	213 60 07	4.5	0.53	4.50	5.5	250	2500
<b>MEISTERKUGELN / 0.91 g</b>	213 59 30	5.5	0.91		6.4	500	2500
	213 59 22	4.5	0.45	4.48	5.4	500	5000
<b>MEISTERKUGELN / 0.45 g</b>	231 54 45	4.5	0.45	4.49	5.4	500	5000
	231 54 46	4.5	0.45	4.50	5.4	500	5000
	231 50 20	4.5	0.45	4.51	5.4	500	5000



# FIELD LINE

Specific shapes - designed for special applications

## RWS SUPERMAG

The super heavy RWS SUPERMAG weighs considerably more and is especially suited for shooting with heavier air guns at middle distances.

- Available in calibre 4.5 mm
- Weight: 0.60 g
- 500-count round tin

### SUPERMAG

**500**  **0.60 g**  
**9.3 gr**

Kaliber 4.5 mm / Caliber .177



## RWS SUPERDOME

The SUPERDOME has an English bulldog shape with a round head with a striking, grooved rear section. It is best suited for hunting at middle distances.

- Available in calibres 4.5 mm, 5.5 mm and 6.35 mm
- Weight: 0.54 g, 0.94 g and 2.00 g
- 200-count and 500-count round tin

### SUPERDOME

**500**  **0.54 g**  
**8.3 gr**

Kaliber 4.5 mm / Caliber .177



### SUPERDOME

**500**  **0.94 g**  
**14.5 gr**

Kaliber 5.5 mm / Caliber .22



### SUPERDOME

**200**  **2.00 g**  
**31 gr**

Kaliber 6.35 mm / Caliber .25



## RWS SUPER FIELD

The RWS SUPER FIELD is especially suited to Pre-charged Pneumatic Air Rifles. These heavy air gun pellets with round heads are impressive at middle to far distances due to their precision and performance.

- Available in calibres 4.5 mm and 5.5 mm
- Weight: 0.54 g and 1.03 g
- 500-count round tin

### SUPER FIELD

**500**  **0.54 g**  
**8.4 gr**

Kaliber 4.5 mm / Caliber .177

### SUPER FIELD

**500**  **1.03 g**  
**15.9 gr**

Kaliber 5.5 mm / Caliber .22



Type	Item No.	Calibre mm	Pellet weight g	Head diameter in mm	Pellet length mm	Single pack.	Sales pack.
<b>SUPERMAG</b>	213 67 59	4.5	0.60		6.0	500	5000
	231 71 62	4.5	0.54	4.51	6.6	500	5000
<b>SUPER FIELD</b>	231 71 64	4.5	0.54	4.52	6.6	500	5000
	231 71 63	5.5	1.03	5.51	7.51	500	2500
	231 71 65	5.5	1.03	5.52	7.51	500	2500
<b>SUPERDOME</b>	213 67 91	4.5	0.54		5.7	500	5000
	213 68 05	5.5	0.94		7.0	500	2500
	231 72 63	6.35	2.00		10.0	200	1000

Air gun pellets can be purchased without licence.

# FIELD LINE

Specific shapes - designed for special applications

## RWS SUPERPOINT EXTRA

Thanks to its conical head form, amazing penetration capabilities are realized with the RWS SUPERPOINT EXTRA. It also has the necessary precision thanks to the optimum weight distribution.

- Available in calibres 4.5 mm and 5.5 mm
- Weight: 0.53 g and 0.94 g
- 500-count round tin

### SUPERPOINT EXTRA

**500**  **0.53 g**  
**8.2 gr**

Kaliber 4.5 mm / Caliber .177



### SUPERPOINT EXTRA

**500**  **0.94 g**  
**14.5 gr**

Kaliber 5.5 mm / Caliber .22



## RWS SUPER-H-POINT

The RWS SUPER-H-POINT is a diabolo pellet with a hollow point, characterised by high deformation capability and strong penetration.

- Available in calibres 4.5 mm, 5.5 mm and 6.35 mm
- Weight: 0.45 g, 0.92 g and 1.62 g
- 200-count and 500-count round tin

### SUPER-H-POINT

**500**  **0.45 g**  
**6.9 gr**

Kaliber 4.5 mm / Caliber .177



### SUPER-H-POINT

**500**  **0.92 g**  
**14.2 gr**

Kaliber 5.5 mm / Caliber .22



### SUPER-H-POINT

**200**  **1.62 g**  
**25 gr**

Kaliber 6.35 mm / Caliber .25



Type	Item No.	Calibre mm	Pellet weight g	Pellet length mm	Single pack.	Sales pack.
<b>SUPERPOINT EXTRA</b>	213 67 16	4.5	0.53	7.0	500	5000
	213 67 24	5.5	0.94	8.7	500	2500
<b>SUPER-H-POINT</b>	213 66 78	4.5	0.45	5.5	500	5000
	213 66 86	5.5	0.92	8.0	500	2500
	231 72 62	6.35	1.62	8.7	200	1000



# FIELD LINE

Lead-free air gun pellets -  
for maximum velocity, accuracy and effectiveness at pest control

## RWS HYPERMAX



RWS HYPERMAX air gun pellets in the Field Line impress with up to 25 – 30% higher velocity, best performance and great accuracy. Made from solid tin, they are absolutely lead-free, environmentally safe and easy on the barrel since leading is impossible.

### The highlights at a glance:

- Between 25 - 30% faster than standard pellets of the same calibre
- Conical point for excellent penetration
- High-tech tin alloy
- Ultra light weight
- Brilliant High Speed finish
- Lead-free and therefore eco-friendly and easy on the barrel
- Very good accuracy

**Applications:** Silhouette shooting, small pest control

Suitable for air guns and air pistols.

- Available in calibres 4.5 mm and 5.5 mm
- Weight: 0.34 g and 0.64 g
- 200-count and 150-count round tin

**HYPERMAX**  
200 0.34 g  
5.2 gr  
Kaliber 4.5 mm / Caliber .177  
**Zinn/Tin**

**HYPERMAX**  
150 0.64 g  
9.9 gr  
Kaliber 5.5 mm / Caliber .22  
**Zinn/Tin**



## RWS HYPERDOME



RWS HYPERDOME air gun pellets are light high-speed tin pellets with great penetration and extraordinary accuracy. They are absolutely lead-free, environmentally safe and easy on the barrel since leading is impossible.

### The highlights at a glance:

- Very lightweight and therefore faster than standard pellets of the same calibre
- Bulldog head for excellent penetration
- High-tech tin alloy
- Brilliant High Speed finish
- Lead-free and therefore eco-friendly and easy on the barrel
- Delivers very tight groups

**Applications:** Silhouette shooting, small pest control

Suitable for air guns and air pistols.

- Available in calibres 4.5 mm and 5.5 mm
- Weight: 0.36 g and 0.71 g
- 200-count and 150-count round tin

**HYPERDOME**  
200 0.36 g  
5.5 gr  
Kaliber 4.5 mm / Caliber .177  
**Zinn/Tin**

**HYPERDOME**  
150 0.71 g  
11.0 gr  
Kaliber 5.5 mm / Caliber .22  
**Zinn/Tin**



Type	Item No.	Calibre mm	Pellet weight g	Pellet length mm	Single pack.	Sales pack.
<b>HYPERMAX</b>	231 81 61	4.5	0.34	7.10	200	2000
	231 81 96	5.5	0.64	8.60	150	1500
<b>HYPERDOME</b>	231 81 62	4.5	0.36	6.45	200	2000
	231 81 63	5.5	0.71	7.80	150	1500

Air gun pellets can be purchased without licence.

See page 45 for the lead-free premium match quality air gun pellet from RWS.

# FIELD LINE

Designed primarily for hunting and silhouette shooting

## RWS POWER PIERCING

The RWS POWER PIERCING is a smooth-skirted air gun pellet with an extremely sharp lead hollow point.

### The highlights at a glance:

- Maximum impact and great energy transfer into the target
- Stark mushrooming action on impact
- Very good accuracy
- Applications: Silhouette shooting and small pest control

**POWER PIERCING**  
200 0.58 g  
8.9 gr  
Kaliber 4.5 mm / Caliber .177

**POWER PIERCING**  
100 0.89 g  
13.7 gr  
Kaliber 5.5 mm / Caliber .22



- Suitable for air guns
- Available in calibres 4.5 mm and 5.5 mm
- Weight: 0.58 g and 0.89 g
- 200-count and 100-count blister pack

## RWS POWER BALL

The RWS POWER BALL features a coated steel ball embedded into the pellet.

### The highlights at a glance:

- Great energy transfer and effectiveness
- Very good penetration
- Approaching match accuracy
- Applications: Silhouette shooting and small pest control

**POWER BALL**  
200 0.61 g  
9.4 gr  
Kaliber 4.5 mm / Caliber .177



- Suitable for air guns
- Available in calibre 4.5 mm
- Weight: 0.61 g
- 200-count blister pack

## RWS POWER BOLT

The RWS POWER BOLT is a super heavy air gun pellet designed for long-range shooting.

### The highlights at a glance:

- Sophisticated design for the maximum in power and depth of penetration
- Applications: Field target shooting and small pest control
- Suitable for high-powered air guns (> 7.5 J)

**POWER BOLT**  
150 0.92 g  
14.2 gr  
Kaliber 4.5 mm / Caliber .177

**POWER BOLT**  
100 1.60 g  
24.7 gr  
Kaliber 5.5 mm / Caliber .22



- Available in calibres 4.5 mm and 5.5 mm
- Weight: 0.92 g and 1.6 g
- 150-count and 100-count blister pack

Type	Item No.	Calibre mm	Pellet weight g	Pellet length mm	Single pack.	Sales pack.
<b>POWER PIERCING</b>	240 00 64	4.5	0.58	8.8	200	1200
<b>POWER PIERCING</b>	231 86 03	5.5	0.89	9.4	100	600
<b>POWER BALL</b>	231 86 05	4.5	0.61	7.1	200	1200
<b>POWER BOLT</b>	231 88 71	4.5	0.92	8.9	150	900
<b>POWER BOLT</b>	231 88 70	5.5	1.60	9.1	100	600



## READY FOR SUCCESS

'Acquire the target, determine the range, find the point of aim, compensate for wind if necessary and shoot - all within a time limit of one minute per target! That is the challenge of Field Target shooting. For me to fully and completely concentrate on the target, I put my trust in RWS pellets. Thanks to their special profile and optimal weight distribution, they deliver a very high level of accuracy. This way, I shoot with a steady pulse even under stress!'

Alina Kraus  
Field Target competitor



## FIELD KIT

RWS Field Kits offer the perfect opportunity to test the various RWS air gun pellets for the varied demands of Field Target, silhouette and pest control. All air gun pellets in the Field Line have diverse designs and head profiles. With our RWS Field Kits in 4.5 and 5.5 mm, you

now have the ability to test five different pellet designs to find the one that will best match your personal needs and the individual peculiarities of your air gun.

### FIELD KIT CAL. 4.5 MM

- Contains 1000 FIELD LINE air gun pellets:
- 200-count tin Superdome 0.54 g
- 200-count tin Superpoint Extra 0.53 g
- 200-count tin Super Field 0.54 g
- 200-count tin Power Ball 0.61 g
- 200-count tin Supermag 0.60 g



### FIELD KIT COUNTER DISPLAYS IN 4.5 MM AND 5.5 MM

These counter displays each contain 20 Field Kits in calibre 4.5 or 5.5 mm. The display is perfectly suited for presentation of Field Kits on the sales counter or in the shop window.



### FIELD KIT CAL. 5.5 MM

Contains 500 FIELD LINE air gun pellets:

- 100-count tin Superdome 0.94 g
- 100-count tin Superpoint Extra 0.94 g
- 100-count tin Super Field 1.03 g
- 100-count tin Power Piercing 0.89 g
- 100-count tin Super-H-Point 0.92 g





## SPORT LINE

Proven training pellets – for getting started in shooting

### RWS CLUB

Excellent results can be achieved with this lighter variant of a smooth pellet. The lighter design ensures increased velocity.

- Available in calibre 4.5 mm
- Weight: 0.45 g
- 500-count round tin

**CLUB**

**500** **0.45 g**  
**7.0 gr**

Kaliber 4.5 mm / Caliber .177



### RWS HOBBY

The balanced and reliable quality at a low price makes the ribbed RWS HOBBY highly attractive for hobby shooters.

- Available in calibres 4.5 mm and 5.5 mm
- Weight: 0.45 g and 0.77 g
- 500-count round tin

**HOBBY**

**500** **0.45 g**  
**7.0 gr**

Kaliber 4.5 mm / Caliber .177



**HOBBY**

**500** **0.77 g**  
**11.9 gr**

Kaliber 5.5 mm / Caliber .22



### RWS TRAINING

The RWS TRAINING expands the SPORT LINE range with a heavier version of the well-known, smooth CLUB pellet. It is an inexpensive option for training and its ballistic behavior is identical to the RWS MATCH pellets in this weight class.

- Available in calibre 4.5 mm
- Weight: 0.53 g
- 500-count round tin

**TRAINING**

**500** **0.53 g**  
**8.2 gr**

Kaliber 4.5 mm / Caliber .177



Type	Item No.	Calibre mm	Pellet weight g	Pellet length mm	Single pack.	Sales pack.
<b>CLUB</b>	213 61 98	4.5	0.45	5.2	500	5000
<b>HOBBY</b>	213 64 06	4.5	0.45	5.3	500	5000
	213 64 30	5.5	0.77	6.4	500	2500
<b>TRAINING</b>	231 88 72	4.5	0.53	5.5	500	5000

Air gun pellets can be purchased without licence.

## BASIC LINE

Shooting fun at a low price

### RWS DIABOLO BASIC

The RWS DIABOLO BASIC are well suited for use in all air guns. With flawless precision and accuracy, they fulfil all basic requirements at a very favourable price.

- Available in calibre 4.5 mm
- Weight: 0.45 g
- 500-count round tin

**DIABOLO BASIC**

**500**

Kaliber 4.5 mm / Caliber .177



Type	Item No.	Calibre mm	Pellet weight g	Pellet length mm	Single pack.	Sales pack.
<b>DIABOLO BASIC</b>	231 50 92	4.5	0.45	5.2	500	5000

### RWS PELLET SAVER

Everyone has this problem: Pellet tins just cannot be transported securely once the sealing tape has been removed. The practical RWS Pellet Saver keeps the tins securely closed.



*Now with an optimised fit for secure transport and easy replenishment.*

Item No.	Type
231 37 63	<b>RWS Pellet Saver</b>



For more air gun pellets, please see our listings in the GECO section of this catalogue.

### RWS COMPETITION BOX

The RWS Competition Box has been specially developed for competition shooters. Simply pour approx. 100 pellets out of a traditional tin into the Competition Box, shake it briefly, and the pellets are optimally positioned for use. The air gun pellets can then be easily removed one at a time and afterwards reliably transported to avoid damage. The shooter also has an instant overview of the number of pellets that have already been fired. The Competition Box offers – in combination with the RWS R 10 match pellets – the best pre-requisite for excellent accuracy in competitive marksmanship.



Item No.	Type
231 12 48	<b>RWS Competition Box</b> (without content)



*Brodmeier*

Daniel Brodmeier -  
Silver medalist World Championship 2014  
Gold medalist World Cup Final 2014

## READY FOR SUCCESS

'Sport shooting takes place in your mind. Trusting your ammunition is just as important as trusting yourself and the people who produce the ammunition. This is why I have counted on the team at RWS for years now. The RWS R 50 is the best choice for me and my rifle.'

**RWS - The ammunition counts.**

## TEST RANGE

for the optimal combination of weapon and ammunition

### RWS test range

The perfect combination of ammunition and rifle or pistol is decisive for the success of the target shooter. Therefore the requirements placed on the precision of competition barrels and ammunition are high, especially as each barrel has its own characteristics. Consequently it is important to match the barrel with different batches of ammunition in order to find the optimal batch.

For more than 25 years, experienced target shooters have used the facilities of the RWS test shooting range at our factory in Fuerth to select the ideal target ammunition. We offer a service to our dealers to synchronise their clients' weapons with the most suitable RWS ammunition.

### Ideal conditions

The test shooting range is indoors and the results are not influenced by the weather. Five separate lanes equipped with target transport systems and electronic targeting systems are available, and testing is possible by clamping the barrel at distances of 10, 15, 25 and 50 metres.

The ammunition is included in the low user fee. Qualified expert staff supervise the tests and provide helpful advice.

### There are two ways in which an order can be handled:

The shooter comes to the test range in person or arranges for his weapons to be sent to the range. If the shooter wishes to send the weapons then this must be done via a dealer in his home country and all the appropriate import/export paperwork must be completed and approved by us before the weapons can be sent. After



Christian Thomas looks forward to welcoming you!

batch testing, the ammunition will be forwarded to the appropriate country's importer and then invoiced (including the low user fee) and sent to the shooter's dealer of choice.

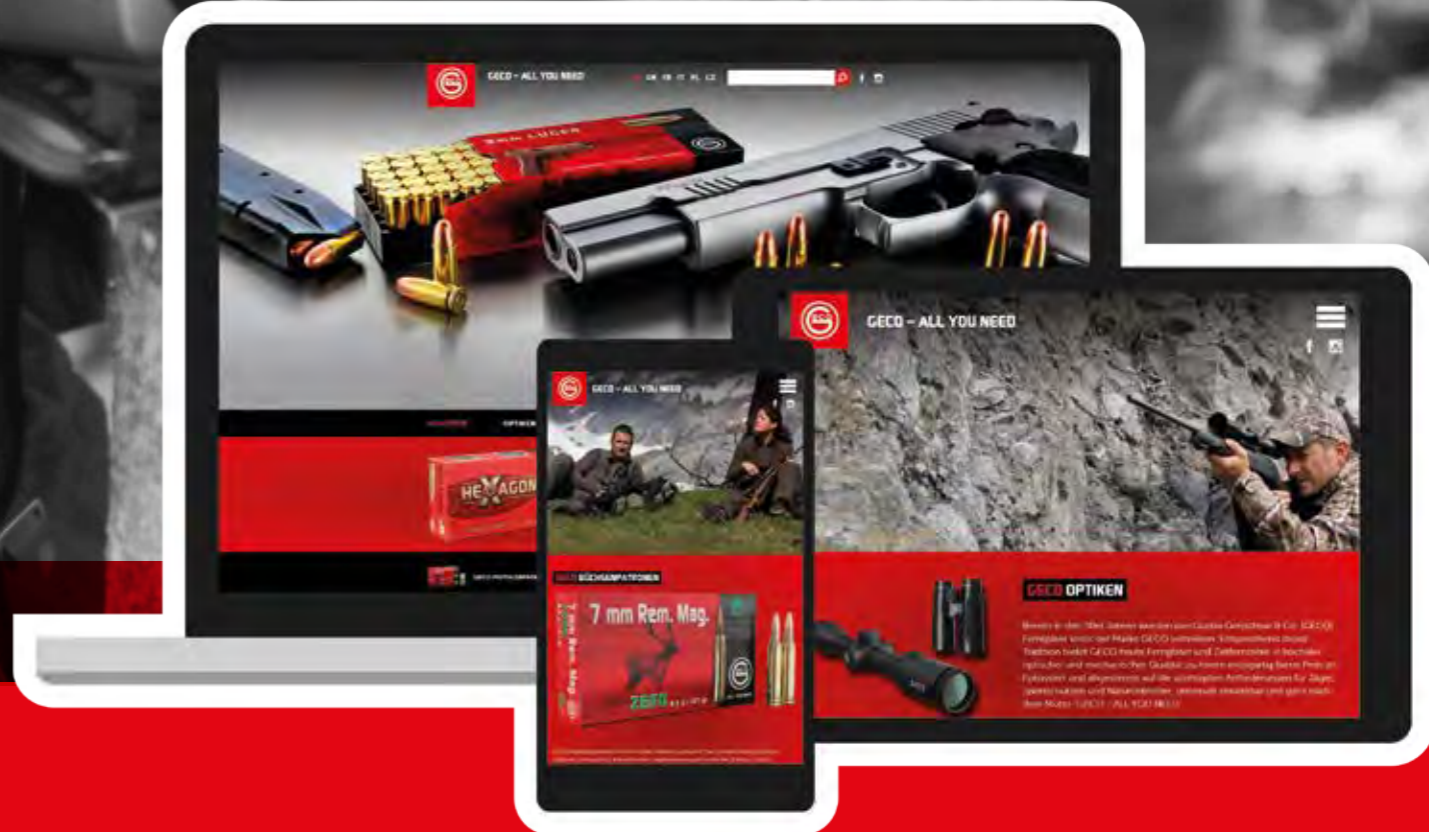
Any shooters wishing to take advantage of this facility should initially contact their RWS distributor to arrange this.

To arrange a personal appointment at the test range, please contact us:

phone: +49 911 79 30-156  
fax: +49 911 79 30-282  
E-mail: [Christian.Thomas@ruag.com](mailto:Christian.Thomas@ruag.com)

You can test ammunition for the following weapons	Recommended ammunition	Unit	Weight
	Item No.	(minimum quantity)	kg
<b>RWS rimfire cartridges</b>			
Small bore rifles .22 l.r.	213 41 95	<b>.22 l.r. R 100</b>	5,000 19
	213 41 87	<b>.22 l.r. R 50</b>	5,000 19
	213 42 33	<b>.22 l.r. Special Match</b>	5,000 19
Rapid fire, sport and free pistols .22 l.r.	213 41 87	<b>.22 l.r. R 50</b>	5,000 19
	213 42 33	<b>.22 l.r. Special Match</b>	5,000 19
	231 77 99	<b>.22 l.r. Pistol Match SR</b>	5,000 19
<b>RWS air gun pellets</b>			
Competition air guns 4.5 mm Rifle/pistol		<b>R 10 MATCH 0.53 g</b>	10,000 500 round tin 6
		<b>R 10 MATCH HV 0.45 g</b>	10,000 500 round tin 6





[GECO-AMMUNITION.COM](http://GECO-AMMUNITION.COM)



### GECO - ALL YOU NEED

GECO stands for a modern assortment of cartridges for all hunting and sport applications. Over 100 years of experience in development and production is inside every cartridge. Active hunters and shooters also find that GECO quality comes at an attractive price-to-performance ratio. GECO cartridges fulfil all important requirements for modern ammunition, thus the inspiration for the new GECO slogan.



GECO rifle cartridges are made for the true sportsman. The line stands out by offering optimal choices for everything from target practice to all worldwide hunting applications. GECO rifle cartridges - All you need. A choice between six different GECO bullets allows for the best match of cartridge to target: GECO Plus for large game, GECO Express for long-range shooting, GECO Teilmantel (Soft Point) as a true all-around workhorse, GECO Zero as a lead-free bullet with extreme stopping power and GECO Sport and Target FMJ for match shooting and training. All GECO rifle cartridges are "Made in Germany", your assurance that satisfying accuracy and balanced terminal ballistics are just as important to GECO as are innovative products made to the highest quality standards.



Training



Varmint



Light game



Medium game



Heavy game



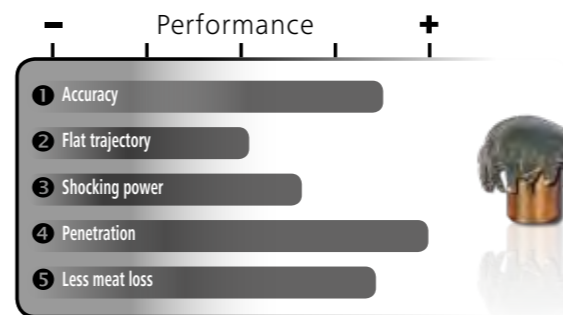
# CENTREFIRE RIFLE CARTRIDGES

## GECO PLUS



### THE POWERFUL HUNTING BULLET

GECO Plus stands for deep penetration and less wasted meat, even when game is on the large side.

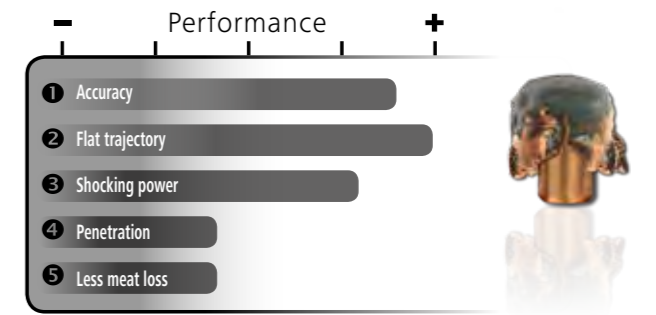


## GECO EXPRESS



### THE FAST HUNTING BULLET

The GECO Express is suited to every field situation when accuracy and power at long range count.

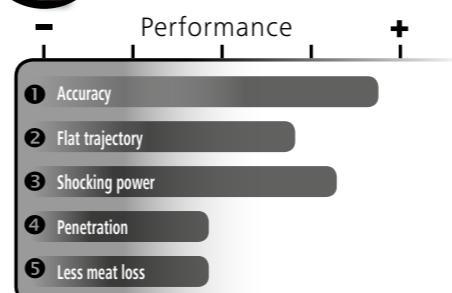


## GECO TEILMANTEL



### THE CLASSIC HUNTING BULLET

The GECO Teilmantel (Soft Point) has universal applications and is up to almost any situation.

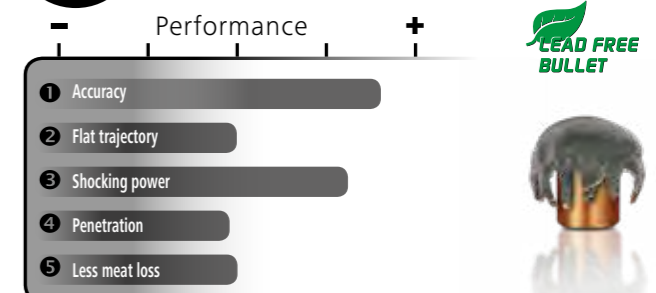


## GECO ZERO



### THE CLEVER HUNTING BULLET

The GECO Zero is a lead-free bullet with great accuracy and terminal effect - for all game.

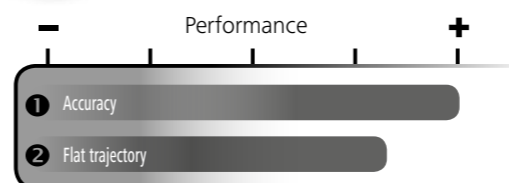


## NEW GECO SPORT



### THE MATCH BULLET

GECO Sport is ideal for match shooting as well as routine practice sessions.

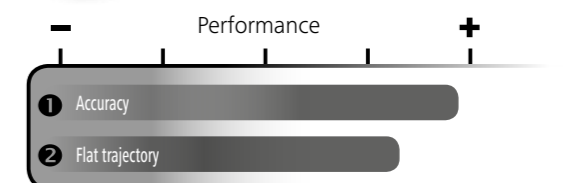


## GECO TARGET FMJ



### THE TRAINING BULLET - MILITARY

GECO Target FMJ is especially suitable for use in rapid-fire exercises with semiautomatic rifles. Top accuracy is guaranteed. Ideal for IPSC matches.







Bullet Item No.	Weight Gramm Grain	Barrel length mm BC-Value 1)	V 2) E	0m	50m	100m	150m	200m	250m	300m	⊕ RZR * 3)	50m	100m	150m	200m	250m	300m	Ctg/box
-----------------	--------------------	------------------------------	--------	----	-----	------	------	------	------	------	------------	-----	------	------	------	------	------	---------

**.223 Rem.**

<b>Express</b>	3.6	600	V[m/sec]	1010	926	848	773	703	636	574	⊕ 100 m	-1.1	⊕	-2.4	-8.8	-20.3	-37.9	20
231 78 33	56	0.202	E[J]	1836	1543	1294	1076	890	728	593	RZR 192 m	0.9	4.0	3.6	-0.9	-10.4	-26.0	

**.243 Win.**

<b>Express</b>	4.9	600	V[m/sec]	1020	964	910	857	807	759	713	⊕ 100 m	-1.2	⊕	-1.8	-6.9	-15.8	-29.0	20
231 78 34	76	0.305	E[J]	2549	2277	2029	1799	1596	1411	1246	RZR 210 m	0.8	4.0	4.3	1.1	-5.8	-16.9	
<b>TM</b>	6.8	600	V[m/sec]	880	834	789	745	703	663	624	⊕ 100 m	-0.7	⊕	-3.2	-10.9	-23.5	-41.7	20
212 34 01	105	0.335	E[J]	2633	2365	2117	1887	1680	1495	1324	RZR 179 m	1.3	4.0	2.8	-2.9	-13.5	-29.7	

**6.5 x 55 SE**

<b>TM</b>	10.1	600	V[m/sec]	770	723	679	635	594	554	516	⊕ 100 m	-0.2	⊕	-5.2	-16.5	-34.7	-61.0	20
231 78 15	156	0.308	E[J]	2994	2640	2328	2036	1782	1550	1345	RZR 156 m	1.9	4.0	0.8	-8.5	-24.7	-49.0	
<b>Plus</b>	10.1	600	V[m/sec]	750	704	660	618	577	538	501	⊕ 100 m	0.0	⊕	-5.6	-17.7	-37.1	-65.1	20
231 78 39	156	0.308	E[J]	2841	2503	2200	1929	1681	1462	1268	RZR 152 m	2.0	4.0	0.3	-9.7	-27.2	-53.2	

**.270 Win.**

<b>Express</b>	8.4	600	V[m/sec]	940	893	847	803	760	719	679	⊕ 100 m	-1.0	⊕	-2.5	-8.7	-19.3	-34.5	20
231 78 36	130	0.344	E[J]	3711	3349	3013	2708	2426	2171	1936	RZR 194 m	1.1	4.0	3.6	-0.7	-9.2	-22.4	
<b>TM</b>	9.1	600	V[m/sec]	910	846	785	727	671	618	567	⊕ 100 m	-0.8	⊕	-3.2	-11.1	-24.4	-44.2	20
231 78 22	140	0.247	E[J]	3768	3257	2804	2405	2049	1738	1463	RZR 178 m	1.2	4.0	2.8	-3.1	-14.4	-32.3	
<b>Plus</b>	9.7	600	V[m/sec]	850	802	755	710	667	625	586	⊕ 100 m	-0.6	⊕	-3.7	-12.3	-26.4	-46.9	20
231 78 37	150	0.316	E[J]	3504	3120	2765	2445	2158	1895	1665	RZR 172 m	1.4	4.0	2.3	-4.3	-16.4	-34.8	

**.270 WSM**

<b>Express</b>	8.4	650	V[m/sec]	940	893	847	803	760	719	679	⊕ 100 m	-1.0	⊕	-2.5	-8.7	-19.3	-34.5	20
231 78 38	130	0.344	E[J]	3711	3349	3013	2708	2426	2171	1936	RZR 194 m	1.1	4.0	3.6	-0.7	-9.2	-22.4	
<b>TM</b>	9.1	650	V[m/sec]	945	879	817	757	700	645	593	⊕ 100 m	-0.9	⊕	-2.8	-9.8	-21.9	-40.0	20
231 78 23	140	0.247	E[J]	4063	3516	3037	2607	2230	1893	1600	RZR 186 m	1.1	4.0	3.3	-1.8	-11.9	-27.9	

**7 x 57**

<b>ZERO</b>	8.2	600	V[m/sec]	870	814	760	708	659	611	566	⊕ 100 m	-0.6	⊕	-3.6	-12.1	-26.3	-47.1	20
231 88 17	127	0.274	E[J]	3103	2717	2368	2055	1781	1531	1313	RZR 173 m	1.4	4.0	2.4	-4.1	-16.3	-35.0	
<b>TM</b>	10.7	600	V[m/sec]	800	759	720	681	644	608	574	⊕ 100 m	-0.4	⊕	-4.4	-14.0	-29.6	-51.9	20
231 85 61	165	0.360	E[J]	3424	3082	2773	2481	2219	1978	1763	RZR 164 m	1.6	4.0	1.6	-6.0	-19.6	-39.9	

**7 x 57 R**

<b>ZERO</b>	8.2	600	V[m/sec]	820	766	714	664	616	571	527	⊕ 100 m	-0.4	⊕	-4.4	-14.4	-30.9	-55.0	20
231 88 18	127	0.274	E[J]	2757	2406	2090	1808	1556	1337	1139	RZR 163 m	1.6	4.0	1.6	-6.4	-20.9	-42.9	
<b>TM</b>	10.7	600	V[m/sec]	750	711	673	636	600	566	533	⊕ 100 m	-0.1	⊕	-5.4	-16.8	-35.1	-61.0	20
212 33 55	165	0.360	E[J]	3009	2705	2423	2164	1926	1714	1520	RZR 154 m	1.9	4.0	0.6	-8.9	-25.2	-49.1	

**7 mm Rem. Mag.**

<b>ZERO</b>	8.2	650	V[m/sec]	980	919	861	805	752	700	651	⊕ 100 m	-1.0	⊕	-2.3	-8.3	-18.7	-34.2	20
231 88 68	127	0.274	E[J]	3938	3463	3039	2657	2319	2009	1738	RZR 197 m	1.0	4.0	3.8	-0.3	-8.7	-22.1	
<b>Express</b>	10.0	650	V[m/sec]	890	852	816	780	746	712	679	⊕ 100 m	-0.8	⊕	-2.9	-9.8	-21.1	-37.3	20
231 78 43	155	0.418	E[J]	3961	3630	3329	3042	2783	2535	2305	RZR 186 m	1.2	4.0	3.1	-1.8	-11.1	-25.2	
<b>TM</b>	10.7	650	V[m/sec]	870	827	785	745	706	668	631	⊕ 100 m	-0.7	⊕	-3.3	-11.0	-23.6	-41.8	20
231 45 12	165	0.360	E[J]	4049	3659	3297	2969	2667	2387	2130	RZR 179 m	1.3	4.0	2.8	-2.9	-13.5	-29.7	
<b>Plus</b>	11.0	650	V[m/sec]	866	825	785	746	709	672	637	⊕ 100 m	-0.7	⊕	-3.3	-11.0	-23.6	-41.6	20
231 78 44	170	0.375	E[J]	4125	3743	3389	3061	2765	2484	2232	RZR 178 m	1.3	4.0	2.7	-3.0	-13.6	-29.7	

**.280 Rem.**

<b>TM</b>	10.7	600	V[m/sec]	830	788	748	709	671	634	598	⊕ 100 m	-0.5	⊕	-3.9	-12.6	-26.8	-47.2	20
211 75 84	165	0.360	E[J]	3686	3322	2993	2689	2409	2150	1913	RZR 170 m	1.5	4.0	2.1	-4.6	-16.8	-35.2	

Bullet Item No.	Weight Gramm Grain	Barrel length mm BC-Value 1)	V 2) E	0m	50m	100m	150m	200m	250m	300m	⊕ RZR * 3)	50m	100m	150m	200m	250m	300m	Ctg/box
-----------------	--------------------	------------------------------	--------	----	-----	------	------	------	------	------	------------	-----	------	------	------	------	------	---------

**7 x 64**

<b>ZERO</b>	8.2	600	V[m/sec]	940	881	824	770	718	668	620	⊕ 100 m	-0.9	⊕	-2.7	-9.6	-21.2	-38.3	20
231 88 19	127	0.274	E[J]	3623	3182	2784	2431	2114	1830	1576	RZR 188 m	1.1	4.0	3.3	-1.5	-11.1	-26.2	
<b>Express</b>	10.0	600	V[m/sec]	880	843	806	771	737	703	670	⊕ 100 m	-0.8	⊕	-3.0	-10.1	-21.8	-38.4	20
231 78 40	155	0.418	E[J]	3872	3553	3248	2972	2716	2471	2245	RZR 184 m	1.2	4.0	3.0	-2.1	-11.7	-26.3	
<b>TM</b>	10.7	600	V[m/sec]	840	798	757	718	679	642	607	⊕ 100 m	-0.6	⊕	-3.7	-12.2	-26.0	-45.8	20
212 33 12	165	0.360	E[J]	3775	3407	3066	2758	2467	2205	1971	RZR 172 m	1.4	4.0	2.3	-4.2	-16.0	-33.8	
<b>Plus</b>	11.0	600	V[m/sec]	830	790	751	713	677	641	607	⊕ 100 m	-0.5	⊕	-3.8	-12.5	-26.5	-46.5	20
231 78 41	170	0.375	E[J]	3789	3433	3102	2796	2521	2260	2026	RZR 171 m	1.5	4.0	2.2	-4.4	-16.4	-34.4	

**7 x 65 R**

<b>ZERO</b>	8.2	600	V[m/sec]	890	833	778	726	676	627	581	⊕ 100 m	-0.7	⊕	-3.3	-11.3	-24.7	-44.4	20
231 88 20	127	0.274	E[J]	3248	2845	2482	2161	1874	1612	1384	RZR 177 m	1.3	4.0	2.7	-3.3	-14.7	-32.3	
<b>TM</b>	10.7	600	V[m/sec]	800	759	720	681	644	608	574	⊕ 100 m	-0.4	⊕	-4.4	-14.0	-29.6	-51.9	20
212 26 85	165	0.360	E[J]	3424	3082	2773	2481	2219	1978	1763	RZR 164 m	1.6	4.0	1.6	-6.0	-19.6	-39.9	
<b>Plus</b>	11.0	600	V[m/sec]	810	771	732	695	659	624	590	⊕ 100 m	-0.4	⊕	-4.2	-13.4	-28.3	-49.5	20
231 78 42	170	0.375	E[J]	3609	3269	2947	2657	2389	2142	1915	RZR 167 m	1.6	4.0	1.9	-5.3	-18.2	-37.4	

**.308 Win.**

<b>ZERO</b>	8.8	600	V[m/sec]	870	803	739	679	621	566	515	⊕ 100 m	-0.6	⊕	-3.9	-13.2	-28.8	-52.2	20
231 88 23	136	0.229	E[J]	3330	2837	2403	2029	1697	1410	1167	RZR 168 m	1.4	4.0	2.1	-5.2	-18.9	-40.3	
<b>Express</b>	10.7	600	V[m/sec]	825	788	752	717	683	649	617	⊕ 100 m	-0.5	⊕	-3.8	-12.4	-26.3	-46.0	20
231 78 04	165	0.404	E[J]	3641	3322	3025	2750	2496	2253	2037	RZR 171 m	1.5	4.0	2.2	-4.4	-16.2	-33.9	
<b>TM</b>	11.0	600	V[m/sec]	790	742	696	652	610	569	530	⊕ 100 m	-0.3	⊕	-4.8	-15.4	-32.6	-57.4	20
212																		

Bullet Item No.	Weight Gramm Grain	Barrel length mm BC-Value 1)	V 2) E	0m	50m	100m	150m	200m	250m	300m	⊕ RZR * 3)	50m	100m	150m	200m	250m	300m	Ctg/box



**8 x 57 JS**

<b>ZERO</b>	9.0	600	V[m/sec]	900	829	760	695	636	581	530	⊕	100 m	-0.7	⊕	-3.6	-12.2	-27.0	-49.0	20
231 89 47	139	0.225	E[J]	3645	3093	2599	2174	1820	1519	1264	RZR	173 m	1.3	4.0	2.5	-4.2	-16.9	-36.9	
<b>TM</b>	12.0	600	V[m/sec]	790	731	674	621	570	521	476	⊕	100 m	-0.2	⊕	-5.2	-16.8	-36.0	-64.3	20
212 33 39	185	0.245	E[J]	3745	3206	2726	2314	1949	1629	1359	RZR	155 m	1.8	4.0	0.7	-8.9	-26.1	-52.4	
<b>Plus</b>	12.7	600	V[m/sec]	750	709	670	631	595	559	525	⊕	100 m	-0.1	⊕	-5.4	-17.0	-35.5	-61.9	20
231 78 45	196	0.346	E[J]	3572	3192	2851	2528	2248	1984	1750	RZR	154 m	1.9	4.0	0.6	-9.0	-25.5	-50.0	

**8 x 57 JRS**



<b>ZERO</b>	9.0	600	V[m/sec]	850	779	712	651	594	542	494	⊕	100 m	-0.5	⊕	-4.4	-14.6	-31.7	-57.3	20
231 89 48	139	0.225	E[J]	3251	2731	2281	1907	1588	1322	1098	RZR	163 m	1.5	4.0	1.6	-6.6	-21.8	-45.4	
<b>TM</b>	12.0	600	V[m/sec]	760	702	647	595	545	498	455	⊕	100 m	0.0	⊕	-5.9	-18.7	-39.8	-71.0	20
212 33 98	185	0.245	E[J]	3466	2957	2512	2124	1782	1488	1242	RZR	150 m	2.0	4.0	0.1	-10.8	-29.9	-59.1	
<b>Plus</b>	12.7	600	V[m/sec]	710	670	632	595	560	526	493	⊕	100 m	0.2	⊕	-6.4	-19.7	-40.9	-70.9	20
231 78 46	196	0.346	E[J]	3201	2851	2536	2248	1991	1757	1543	RZR	147 m	2.2	4.0	-0.4	-11.8	-30.9	-59.0	

**9.3 x 62**



<b>ZERO</b>	11.9	600	V[m/sec]	870	806	746	688	632	580	530	⊕	100 m	-0.6	⊕	-3.8	-12.8	-28.0	-50.6	20
231 89 50	184	0.241	E[J]	4504	3865	3311	2816	2377	2002	1671	RZR	170 m	1.4	4.0	2.2	-4.8	-18.0	-38.5	
<b>Express</b>	16.5	600	V[m/sec]	760	724	689	655	622	591	560	⊕	100 m	-0.2	⊕	-5.0	-15.8	-32.9	-57.0	20
231 78 47	255	0.398	E[J]	4765	4324	3916	3539	3192	2882	2587	RZR	158 m	1.9	4.0	1.0	-7.7	-22.8	-44.9	
<b>TM</b>	16.5	600	V[m/sec]	760	709	660	612	568	525	484	⊕	100 m	-0.1	⊕	-5.6	-17.8	-37.6	-66.3	20
231 18 42	255	0.277	E[J]	4765	4147	3594	3090	2662	2274	1933	RZR	152 m	1.9	4.0	0.4	-9.8	-27.6	-54.4	
<b>Plus</b>	16.5	600	V[m/sec]	740	698	658	619	581	545	510	⊕	100 m	0.0	⊕	-5.7	-17.8	-37.2	-64.9	20
231 78 48	255	0.335	E[J]	4518	4019	3572	3161	2785	2450	2146	RZR	152 m	2.0	4.0	0.3	-9.8	-27.2	-52.8	

**9.3 x 74 R**



<b>ZERO</b>	11.9	600	V[m/sec]	825	764	705	648	595	545	497	⊕	100 m	-0.4	⊕	-4.6	-15.0	-32.4	-58.1	20
231 89 51	184	0.241	E[J]	4050	3473	2957	2498	2106	1767	1470	RZR	161 m	1.6	4.0	1.4	-7.0	-22.4	-46.1	
<b>TM</b>	16.5	600	V[m/sec]	740	690	641	595	551	509	470	⊕	100 m	0.1	⊕	-6.1	-19.1	-40.2	-70.9	20
212 33 47	255	0.277	E[J]	4518	3928	3390	2921	2505	2137	1822	RZR	149 m	2.1	4.0	-0.1	-11.1	-30.2	-58.9	
<b>Plus</b>	16.5	600	V[m/sec]	730	688	648	610	573	537	502	⊕	100m	0.1	⊕	-5.9	-18.5	-38.5	-67.1	20
231 79 44	255	0.335	E[J]	4396	3905	3464	3070	2709	2379	2079	RZR	150 m	2.1	4.0	0.0	-10.5	-28.6	-55.1	



For more centrefire rifle cartridges, please see our listings in the RWS section of this catalogue.

1) BC-Value = Ballistic coefficient 2) V = Velocity, E = Energy 3) RZR = Recommended Zero Range

**NEW**



**SPORT**

Shoot better with constant practice



The GECO SPORT cartridge is designed especially for practice and competition. Thanks to its balanced loading, the GECO SPORT offers a comfortable shooting experience. The precision-engineered hollow-point bullet guarantees outstanding accuracy, even at longer ranges. The nickel-plated jacket reduces metal fouling in the bore to assure consistent muzzle velocities.

In addition, this plating minimizes barrel heating as well as intensive cleaning protocols. The smart 50-round packaging offers a good price-to-performance ratio. Now there are no more excuses to keep you off the practice range! This cartridge is not suitable for hunting applications.

Bullet Item No.	Weight Gramm Grain	Barrel length mm BC-Value 1)	V 2) E	0m	50m	100m	150m	200m	250m	300m	⊕ RZR * 3)	50m	100m	150m	200m	250m	300m	Ctg/box

**7 x 64**

<b>Sport</b>	9.0	600	V[m/sec]	916	870	825	782	740	699	660	⊕	100 m	-0.9	⊕	-2.7	-9.5	-20.7	-37.0	50
240 70 00	139	0.345	E[J]	3776	3406	3063	2752	2464	2199	1960	RZR	188 m	1.1	4.0	3.3	-1.5	-10.7	-25.0	

**.308 Win.**

<b>Sport</b>	9.5	600	V[m/sec]	860	809	760	711	664	620	579	⊕	100 m	-0.6	⊕	-3.6	-12.1	-26.2	-46.8	50
240 70 01	147	0.300	E[J]	3513	3109	2744	2401	2094	1826	1592	RZR	172 m	1.4	4.0	2.3	-4.2	-16.3	-34.8	

**.30-06**

<b>Sport</b>	9.5	600	V[m/sec]	940	886	834	784	735	687	642	⊕	100 m	-0.9	⊕	-2.6	-9.2	-20.3	-36.7	50
240 70 02	147	0.300	E[J]	4197	3729	3304	2920	2566	2242	1958	RZR	190 m	1.1	4.0	3.4	-1.2	-10.3	-24.7	

**.300 Win. Mag.**

<b>Sport</b>	9.5	650	V[m/sec]	1012	955	900	848	797	748	700	⊕	100 m	-1.2	⊕	-1.9	-7.2	-16.3	-29.9	50
240 71 78	147	0.300	E[J]	4865	4332	3848	3416	3017	2658	2328	RZR	207 m	0.8	4.0	4.1	0.8	-6.3	-17.9	

**8 x 57 JS**

<b>Sport</b>	12.1	600	V[m/sec]	810	769	729	690	653	616	581	⊕	100 m	-0.4	⊕	-4.2	-13.6	-28.7	-50.3	50
240 70 03	187	0.359	E[J]	3969	3578	3215	2880	2580	2296	2042	RZR	166 m	1.6	4.0	1.8	-5.5	-18.6	-38.3	

**9.3 x 62**

<b>Sport</b>	12.7	600	V[m/sec]	867	812	760	709	661	614	570	⊕	100 m	-0.6	⊕	-3.6	-12.1	-26.3	-47.0	50
240 70 04	196	0.281	E[J]	4773	4187	3668	3192	2774	2394	2063	RZR	173 m	1.4	4.0	2.4	-4.1	-16.2	-34.9	

Warning - Fire or projection hazard. - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.



**NEW**



## TARGET FMJ



Frequent practice at the range is a must; plus, it is a lot of fun! The GECO Target FMJ line makes economical shooting possible thanks to its practical 50-pack. The GECO Target FMJ bullet is especially suitable for rapid fire in semiautomatic firearms. Top accuracy is guaranteed, something that is appreciated especially by IPSC com-

petitors. With its especially attractive price-to-performance ratio, the GECO Target FMJ line is especially well-suited to shooters with intense training schedules. The tombac jacket of the GECO Target FMJ bullet starkly reduces barrel fouling, thereby increasing cleaning intervals. Now nothing stands between you and success!

Bullet Item No.	Weight Gramm Grain	Barrel length mm BC-Wert <sup>1)</sup>	V <sup>2)</sup> E	0m	50m	100m	150m	200m	250m	300m	⊕ RZR * 3)	50m	100m	150m	200m	250m	300m	Ctg/box
<b>.223 Rem.</b>																		
<b>Target FMJ</b>	3.6	600	V[m/s]	1010	948	889	832	778	726	676	⊕ 100 m	-1.1	⊕ -2.0	-7.6	-17.0	-31.3	50	
231 75 61	55	0.275	E[J]	1837	1618	1423	1247	1090	949	822	RZR 198 m	0.7	3.7	3.5	-0.2	-7.9	-20.3	
<b>Target FMJ</b>	4.1	600	V[m/s]	950	903	857	813	770	728	688	⊕ 100 m	-1.0	⊕ -2.4	-8.5	-18.6	-33.4	50	
231 75 62	63	0.345	E[J]	1864	1683	1516	1364	1224	1095	977	RZR 192 m	0.9	3.8	3.3	-0.9	-9.1	-22.1	
<b>7.62 x 39</b>																		
<b>Target FMJ</b>	8.0	600	V[m/s]	740	700	662	625	589	555	522	⊕ 100 m	0.0	⊕ -5.6	-17.5	-36.5	-63.5	50	
231 78 12	124	0.355	E[J]	2245	2009	1797	1602	1422	1263	1117	RZR 153 m	2.0	4.0	0.4	-9.4	-26.4	-51.4	
<b>.308 Win.</b>																		
<b>Target FMJ</b>	9.5	600	V[m/s]	865	826	787	750	714	679	645	⊕ 100 m	-0.7	⊕ -3.3	-10.9	-23.3	-41.1	50	
240 70 05	147	0.392	E[J]	3573	3258	2957	2686	2434	2201	1987	RZR 179 m	1.3	4.0	2.7	-2.9	-13.3	-29.1	

1) BC-Value = Ballistic coefficient 2) V = Velocity, E = Energy 3) RZR = Recommended Zero Range

Warning - Fire or projection hazard. - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.



**all4shooters.com**  
BE A SHOOTER ARMS AMMUNITION OPTICS PASSION

[www.all4shooters.com](http://www.all4shooters.com)

The new version of our website is online now!

BETTER USABILITY FOR OUR FANS

MANY ADDITIONAL VIDEOS ON OUR WEBSITE, ON FACEBOOK AND ON YOUTUBE

NEW, WELL STRUCTURED LOOK AND FEEL

RELEVANT TESTS OF FIREARMS, OPTICS, AMMUNITION AND ACCESSORIES

PERFECT OPTIMIZATION FOR SMARTPHONES AND TABLETS

EUROPE'S MOST SUCCESSFUL WEB PLATFORM FOR HUNTERS AND SPORT SHOOTERS



**all4hunters.com**  
BE A HUNTER ARMS AMMUNITION OPTICS PASSION

[www.all4hunters.com](http://www.all4hunters.com)



*Batki György*

**György Batki**  
 Winner of the World Police and Fire Games, Service Pistol, 2015  
 3rd place, IPSC European Championship, Standard Division, 2010

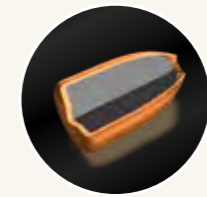
'I have been shooting GECO ammo in .40 S&W and 9x19 since I was 18. This is ammo I can trust and rely on because it shoots so accurately. I am on the Hungarian National Police team, and we shoot 8.0 g (124 gr) GECO 9x19 in training as well as competition – with nothing less than success!'



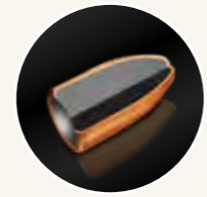
## HANDGUN CARTRIDGES



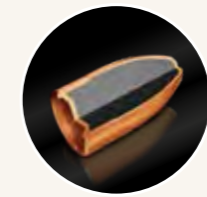
**NEW ACTION EXTREME**  
 Thanks to its specialized combination of materials and design, this monolithic copper bullet with enclosed hollow point delivers extreme energy transfer.



**HEXAGON**  
 Our hollow point Hexagon bullet is primarily designed to deliver top accuracy and any expansion is seen as merely coincidental. This non-expanding bullet unites the advantages of a hollow-point design with a sealed bullet base for optimal accuracy.



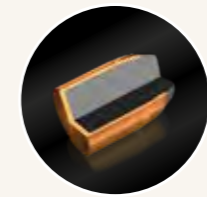
**FMJ (FULL METAL JACKET)**  
 The full metal jacket bullet may be economically produced thanks to its simple construction. It is especially interesting for the shooter on an intense training programme.



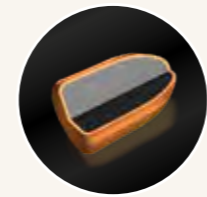
**ENCAPSULATED FULL METAL JACKET**  
 This is a further development of the standard FMJ bullet and features a sealed bullet base. This bullet stands out with reduced smoke and noxious emissions, making it particularly suitable for use in indoor ranges.



**JACKETED HOLLOW POINT**  
 The hollow point bullet is the perfect choice when absolute accuracy is a must. Top shooters have relied upon this bullet style for years.



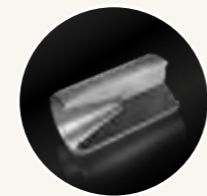
**SOFT POINT**  
 The soft point bullet is, by design, a compromise between full metal jacket economy and hollow point performance.




**COPPER-PLATED LEAD ROUND NOSE**  
 Adds to the advantages of the lead round nose bullet by reducing smoke and noxious emissions.



**LEAD ROUND NOSE**  
 The traditional lead round nose bullet gives an excellent fit to the rifling and protects the barrel by reducing bore friction.



**WAD CUTTER**  
 The wadcutter bullet's shoulder stabilisation gives excellent accuracy even at very low velocities.

 Health issues can arise due to lead exposure for both the shooter and range personnel. Thanks to the lead-free GreenFire primer technology, used for years in NATO-specification ammunition, lead can no longer contaminate the atmosphere around the shooter. Additionally, the sealed bullet base keeps lead particles from being released.

In order to simplify the choice of cartridge, each package features pictographic application recommendations:

  
 Static target shooting

  
 Dynamic target shooting

  
 Hunting

  
 Self-defence



### GECO - REVOLVER CARTRIDGES

Item No.	Calibre	Bullet	Bullet weight		Primer	Barrel Length (mm)*		Velocity (m/sec)				Energy (Joules)			Ctg/box
			g	gr		V <sub>0</sub>	V <sub>10</sub>	V <sub>25</sub>	V <sub>50</sub>	E <sub>0</sub>	E <sub>10</sub>	E <sub>25</sub>	E <sub>50</sub>		
212 76 01	<b>.32 S&amp;W long WC</b>	Wad Cutter	6.5	100	Anvil	150	222	215	205	190	160	150	137	117	50
231 77 16	<b>.38 Special</b>	Full Metal Jacket Flat Nose	10.2	158	Anvil	150	295	287	281	278	435	421	401	373	50
231 77 17	<b>.38 Special</b>	Jacketed Hollow Point	10.2	158	Anvil	150	295	285	273	255	444	415	379	331	50
231 77 18	<b>.38 Special</b>	Lead Round-Nose	10.2	158	Anvil	150	275	269	263	260	386	369	353	345	50
231 91 00	<b>.38 Special</b>	Lead Round-Nose, copper-plated	10.2	158		150	275	269	263	260	386	369	353	345	50
231 75 36	<b>.38 Special WC</b>	Wad Cutter	9.6	146	Anvil	150	265	255	241	230	337	311	278	233	50
231 77 20	<b>.357 Magnum</b>	Full Metal Jacket Flat Nose	10.2	158	Anvil	150	395	386	374	354	796	761	713	638	50
231 77 21	<b>.357 Magnum</b>	Jacketed Hollow Point	10.2	158	Anvil	150	395	381	363	337	796	741	672	581	50
240 99 86	<b>.357 Magnum</b>	Hexagon	11.7	180	Anvil	150	340	323	309	286	676	610	558	479	50
240 29 31	<b>.44 Rem. Mag.</b>	Full Metal Jacket Flat Nose	14.9	230	Anvil	150	368	362	354	342	1009	979	936	873	50
231 77 22	<b>.44 Rem. Mag.</b>	Soft Point	15.6	240	Anvil	150	445	435	420	395	1540	1471	1372	1213	50
240 81 24	<b>.44 Rem. Mag.</b>	Hexagon	19.4	300	Anvil	150	277	275	270	267	744	734	707	692	50

### GECO - PISTOL CARTRIDGES

Item No.	Calibre	Bullet	Bullet weight		Primer	Barrel Length (mm)*		Velocity (m/sec)				Energy (Joules)			Ctg/box
			g	gr		V <sub>0</sub>	V <sub>10</sub>	V <sub>25</sub>	V <sub>50</sub>	E <sub>0</sub>	E <sub>10</sub>	E <sub>25</sub>	E <sub>50</sub>		
212 32 07	<b>6.35 Browning</b>	Full Metal Jacket	3.2	49	Anvil	60	208	205	201	193	69	67	65	60	50
231 77 03	<b>7.65 Browning</b>	Full Metal Jacket	4.75	73	Anvil	150	300	294	285	273	214	205	194	177	50
231 77 05	<b>9mm Browning kurz</b>	Full Metal Jacket	6.15	95	Anvil	150	300	294	287	276	277	266	253	234	50
231 85 55	<b>9mm Makarov</b>	Full Metal Jacket	6.15	95	Anvil	150	310	304	296	283	288	277	263	240	50

\* CIP-proved test-barrel

Item No.	Calibre	Bullet	Bullet weight		Primer	Barrel Length (mm)*		Velocity (m/sec)				Energy (Joules)			Ctg/box
			g	gr		V <sub>0</sub>	V <sub>10</sub>	V <sub>25</sub>	V <sub>50</sub>	E <sub>0</sub>	E <sub>10</sub>	E <sub>25</sub>	E <sub>50</sub>		
240 81 23	<b>9mm Luger</b>	Action EXTREME	7.0	108	Anvil	150	400	391	377	356	560	535	497	444	20 <b>NEW</b>
231 86 29	<b>9mm Luger</b>	Full Metal Jacket	8.0	124	Anvil	125	360	350	337	319	518	490	454	407	50
231 82 21	<b>9mm Luger</b>	Encapsulated Full Metal Jacket	8.0	124		125	360	351	340	325	518	493	462	423	50
231 81 95	<b>9mm Luger</b>	Lead Round-Nose, copper-plated	8.0	124		125	360	350	337	319	518	490	454	407	50
240 99 85	<b>9mm Luger</b>	Hexagon	8.0	124	Anvil	150	350	341	328	311	490	465	430	387	50
240 14 20	<b>9mm Luger</b>	Full Metal Jacket	8.0	124	Anvil	125	360	350	337	319	518	490	454	407	50
231 77 07	<b>9mm Luger</b>	Jacketed Hollow Point	7.5	115	Anvil	150	370	355	335	319	513	472	422	407	50
240 29 32	<b>9mm Luger</b>	Jacketed Hollow Point	8.0	124		150	362	355	344	330	524	503	475	435	20
231 77 08	<b>9mm Luger</b>	Full Metal Jacket Flat Nose	10.0	154	Anvil	150	283	278	270	259	400	386	366	336	50
231 75 09	<b>9x21</b>	Full Metal Jacket	8.0	124	Anvil	150	360	351	340	325	518	493	462	423	50
241 08 56	<b>9x21</b>	Lead Round Nose, copper-plated	8.0	124	Anvil	150	360	351	338	321	518	493	423	412	50
231 77 11	<b>.38 Super Auto</b>	Full Metal Jacket	8.0	124	Anvil	150	430	411	385	348	740	675	591	485	50
240 33 52	<b>.40 S&amp;W</b>	Lead Round Nose, copper-plated	10.7	165		150	353	348	340	329	667	647	619	579	50
231 77 12	<b>.40 S&amp;W</b>	Full Metal Jacket Flat Nose	11.7	180	Anvil	150	310	306	301	292	562	548	530	497	50
240 44 64	<b>.45 Auto</b>	Hexagon	13.0	200	Anvil	150	261	260	258	254	508	502	495	482	50
231 77 14	<b>.45 Auto</b>	Full Metal Jacket	14.9	230	Anvil	150	260	256	250	240	503	488	466	429	50
240 30 90	<b>.45 Auto</b>	Lead Round Nose, copper-plated	14.9	230		150	261	259	257	253	508	501	492	476	50
231 77 15	<b>.45 Auto</b>	Jacketed Hollow Point	14.9	230	Anvil	150	260	256	250	240	503	488	466	429	50

Warning - Fire or projection hazard. - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.



### GECO PERFORMANCE SHIRT

The 100% polyester mesh GECO performance shirt is as comfortable as it is long-wearing. The polyester mesh material is particularly light and elastic. The shirt is durable, wrinkle-free and easy to care for. Half-zip polo styling and dynamic GECO design lend this performance shirt its sporty appearance.



Item No.	Type
231 87 12	<b>Size M</b>
231 87 13	<b>Size L</b>
231 87 14	<b>Size XL</b>
231 87 15	<b>Size XXL</b>

### GECO T-SHIRT

Classic crew neck t-shirt made of 100% cotton in a comfortable straight cut with a modern take on the GECO design printed on the front and back.



Item No.	Type
231 79 56	<b>Size S</b>
231 79 57	<b>Size M</b>
231 79 58	<b>Size L</b>
231 79 59	<b>Size XL</b>
231 79 60	<b>Size XXL</b>
231 61 11	<b>Size XXXL</b>

### GECO RANGE BAG

The GECO range bag is the ideal companion for all of your trips to the range. Designed with enough room for ammunition and accessories, this bag features a removable inner compartment that is held in place with a hook-and-pile fastener. The U-shaped outer zipper is lockable, and comes already equipped with a 3-digit combination lock.

A separate bag to collect and store empty cartridge cases is also included. This shell bag incorporates a string closure and a stable karabiner link so that it can be attached to the range bag or a belt loop. Thanks to its mesh bottom, the bag can easily be cleaned of loose debris by simply shaking it.

Material: 100% Nylon  
 Size range bag: ca. 23 x 14 x 18 cm  
 Size shell bag: ca. 16 x 13 cm



Item No.	Type
231 87 88	<b>GECO Range Bag</b>

### GECO HEXAGON CAP

Classic 6-panel cap with HEXAGON logo elaborately embroidered in 3-D, GECO logo printed on the bill, and the GECO logo with the slogan "ALL YOU NEED" embroidered on the rear above the adjustment strap. Adjustable fit. Material: Cap 100% cotton; crown 100% polyester

Item No.	Product	color
231 79 64	<b>GECO Hexagon cap</b>	red/black



### NEW CLASSIC GECO CAP

Classic 6-panel cap with embroidered GECO logo and four rows of trendy decorative stitching on the bill. Bill upper side red, bill underside black, bill core white. Adjustable band size. Materials: Bill and front panels 100% cotton; mesh back 100% polyester

Item No.	Product	color
231 61 12	<b>Classic GECO cap</b>	red/black





# SHOTSHELLS

## COATED COMPETITION SLUG BLACK 26

- Leaves almost no lead fouling in the barrel thanks to its Teflon-coated slug
- Absence of lead fumes leads to low air pollution
- Balanced powder charge provides excellent reliability and low recoil
- Shorter, transparent case allows for a higher capacity in tubular magazines
- The high velocity of 450 m/sec (1475 fps) makes leading moving targets unnecessary
- Practical 100-round pack with carry strap
- Low recoil

Low recoil



Item No.	Type	Gauge	Shot weight in g	Ctg/box	V <sub>2.5 m</sub>
231 76 25	<b>CCS BLACK 26</b>	12/67.5	26.0	100	450 m/sec

## COATED COMPETITION SLUG RED 28

**NEW**

- Leaves almost no lead fouling in the barrel thanks to its Teflon-coated slug
- Absence of lead fumes leads to low air pollution
- Special powder charge for a safe use in sensitive semi-autos
- Shorter, transparent case allows for a higher capacity in tubular magazines
- The high velocity of 420 m/sec (1377 fps) makes leading moving targets unnecessary
- Practical 100-round pack with carry strap

Optimized for sensitive semi-autos



Item No.	Type	Gauge	Shot weight in g	Ctg/box	V <sub>2.5 m</sub>
241 02 47	<b>CCS RED 28</b>	12/67.5	28.0	100	420 m/sec

## COATED COMPETITION BUCK SHOT

These buck shot cartridges have been especially developed for IPSC matches which include mandatory buck shot stages. This cartridge has the following specific properties:

- 9 pellets of 8 mm diameter for the best possible patterns
- Nickel-plated shot. This reduces flyers even with tighter chokes.
- Very tight pattern due to the use of a shot cup with short slits
- Short case length for higher capacity in tubular magazines
- Reliable function even in sensitive semi-autos
- Low recoil

Nickel-plated Shot



Item No.	Type	Gauge	Shot weight in g	Ctg/box	V <sub>2.5 m</sub>
240 02 32	<b>CC BUCK SHOT</b>	12/65	27.0	25	410 m/sec

## DYNAMIC BIRD SHOT

The utility of this competition cartridge includes all disciplines of dynamic shotgun sports. Especially loaded for IPSC and falling plate matches, this cartridge has the following properties:

- 2 types - ideal for varying shot distances
- Ideal combination of pattern density and shot weight
- Very tight pattern due to the use of a shot cup with short slits
- Short case length for higher capacity in tubular magazines
- Reliable function even in sensitive semi-autos
- Low recoil

Very tight patterns



Item No.	Type	Gauge	Shot weight in g	Shot sizes	Ctg/box	V <sub>2.5 m</sub>
240 02 35	<b>DYNAMIC BIRD SHOT 29</b>	12/65	29.0	2.75 mm	25	400 m/sec
240 02 34	<b>DYNAMIC BIRD SHOT 31</b>	12/65	31.0	2.9 mm	25	390 m/sec

# RIMFIRE CARTRIDGES

## RIFLE & SEMI-AUTO

- Good performance at a favourable price
- Training and practice ammunition for more modest requirements
- All-purpose cartridges for beginners
- GECO Rifle: Reliable function in self-loading rifles
- GECO Semi-Auto: Optimised for semi-automatic rifles and pistols



Item No.	Calibre	Type	Bullet	Weight g	Barrel length mm	Velocity m/sec			Energy joules			Point of impact in cm with scope mounted 5cm above bore axis				Ctg/box	
						V <sub>0</sub>	V <sub>50</sub>	V <sub>100</sub>	E <sub>0</sub>	E <sub>50</sub>	E <sub>100</sub>	Sighting-in distance	25 m	50 m	75 m		100 m
213 25 40	.22 l.r.	<b>RIFLE</b>	LRN	2.6	650	330	295	270	142	113	95	50 m	0.7	⊕	-7.8	-23.1	50
231 85 99	.22 l.r.	<b>SEMI-AUTO</b>	LRN	2.6	420	350	306	279	159	122	101	50 m	0.4	⊕	-6.9	-21.1	50

# AIR GUN PELLETS

## DIABOLO

It is easy for beginners to discover the joy of shooting when they start out with an air gun. Even old hands are enchanted with the level of accuracy attainable in this shooting sport. The GECO Diabolo has been specially developed for beginners and hobbyists. Those who shoot a lot need a precise pellet at a favourable price. The standardised manufacturing steps used to make these smooth-skirted pellets guarantee the necessary degree of accuracy at a very low price.

- Developed for beginners and hobbyists
- Accurate yet affordable
- Reliable accuracy
- Smooth skirt



Item No.	Type	Calibre mm	Weight g	Length mm	Single pack.	Sales pack.
213 74 53	<b>DIABOLO</b>	4.5	0.45	5.2	500	5000
213 67 40	<b>SUPERPOINT</b>	4.5	0.50	6.9	500	5000

## SUPERPOINT

The Geco Superpoint is a smooth-skirted air gun pellet with a conical point for high impact and deep penetration. It is suitable for silhouette shooting as well as for small pest control. The optimal centre of balance makes for good accuracy at a favourable price.

- For casual shooters
- Accurate yet affordable
- Reliable accuracy
- Conical point with smooth skirt



### THE FASCINATION OF DYNAMIC

At some point in his career every shooter aspires to be successful with a shotgun. Rifle shooting requires a calm and steady approach that is mental as well as physical. In contrast, a shotgun demands a complex combination of fast physical and mental adjustments. Whilst shooting, decisions must be made in a split-second to ensure that the game is killed cleanly and humanely. When shooting wildfowl or small game this requires practice and, of course, the correct ammunition. Everything from the powder to the pellets must be perfectly balanced to produce a shotshell that delivers the required performance. To get this combination of range, pattern and power it requires research, dedication and proper production techniques. With Rottweil shotshells you get all of this and more. Carefully selected components and excellent quality control ensure that Rottweil shotgun cartridges not only perform, but perform safely: one expects no less from this renowned German manufacturer. If you want to make a day's shooting memorable, give yourself the edge - use Rottweil!



# Rottweil®

## SHOTSHELLS

Rottweil offers a large assortment of shotshells for both game and weil has introduced various product lines to help you find exactly the range. To cater to the broad range of cartridge applications, Rott- weil has introduced various product lines to help you find exactly the load that suits both you and your special purpose.

### Premium Line

Outstanding quality and top performance for the most demanding sportsman. As suitable for rough-shooting as for the shooting party.

**Product groups:**  
 WAIDMANSHEIL PAPPE,  
 WAIDMANSHEIL HV PLASTIK,  
 MAGNUM, SEMI-MAGNUM,  
 COPPER UNLIMITED



### Professional Line

High quality and reliable performance for demanding shooters.

**Product groups:**  
 JAGD BRAUN



### Basic Line

Game cartridges with standard components for volume users. Ideal for high-volume shoots (e.g. wood pigeon).

**Product groups:**  
 SPECIAL 36,  
 SPECIAL F,  
 MARK II



### Extra Line

Top-quality products with very good features for special applications (e.g. wild boar).

**Product groups:**  
 EXPRESS,  
 EXACT,  
 BRENNEKE



### Steel Line

High-quality soft iron loads for environmentally conscientious shooters. Ideal for waterfowl in environmentally sensitive areas.

**Product groups:**  
 STEEL GAME



### Competition Line

Competition cartridges with a good price-to-performance ratio for trap, skeet, sporting and game shooting.

**Product groups:**  
 GOLD HV,  
 SPECIAL, FASAN FF,  
 SUBSONIC, STEEL



**NEW**

### GAME EDITION

Series of shotshells developed for game-specific applications.

**Product groups:**  
 DUCK, PIGEON, HARE, CROW,  
 DEER, PHEASANT, GOOSE, PARTRIDGE



Rottweil products with comparable quality and similar range of use are grouped within these lines without changing their long-established product names (Waidmannsheil, Tiger, etc.). The above overview shows what quality features and recommendations for use are to be found in each particular line.

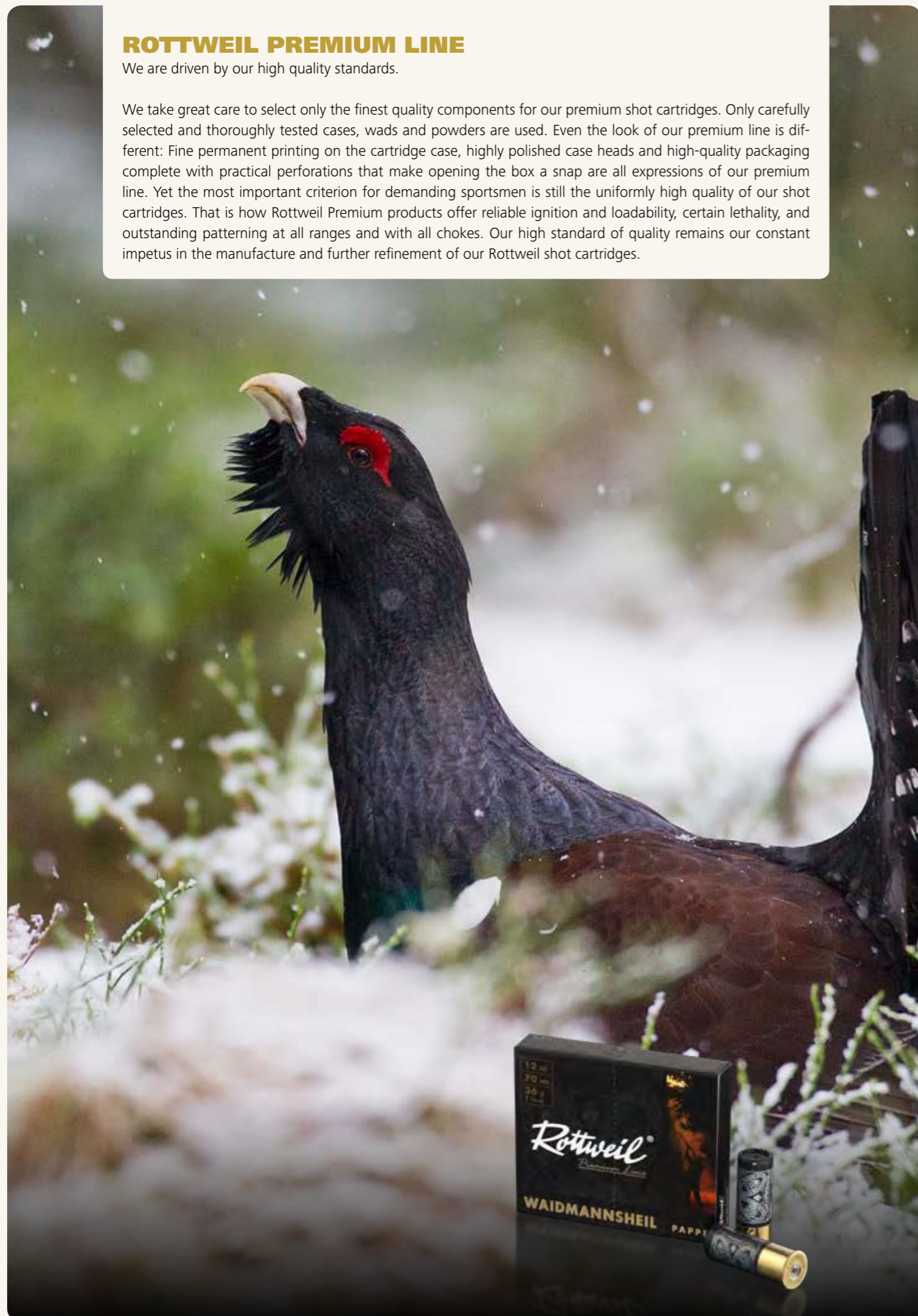
The line grouping is aided by a practical colour system that distinguishes the particular lines from each other and optically sorts products within a line. This consistent colour scheme is to be found not only in this catalogue but also on the product packaging.



### ROTTWEIL PREMIUM LINE

We are driven by our high quality standards.

We take great care to select only the finest quality components for our premium shot cartridges. Only carefully selected and thoroughly tested cases, wads and powders are used. Even the look of our premium line is different: Fine permanent printing on the cartridge case, highly polished case heads and high-quality packaging complete with practical perforations that make opening the box a snap are all expressions of our premium line. Yet the most important criterion for demanding sportsmen is still the uniformly high quality of our shot cartridges. That is how Rottweil Premium products offer reliable ignition and loadability, certain lethality, and outstanding patterning at all ranges and with all chokes. Our high standard of quality remains our constant impetus in the manufacture and further refinement of our Rottweil shot cartridges.



## Premium Line

Outstanding quality for the most demanding shooter

The Rottweil Premium Line offers exclusive cartridges to the most demanding shooters. Our traditional products with outstanding quality and highest performance have been favourites for generations. Shooters the world

over that want to kill their game cleanly and ethically trust in Rottweil premium products. Whether you go alone or in a group, your success is assured with Rottweil Premium!

### ROTTWEIL MAGNUM

Especially powerful for denser patterning

Due to its highest possible shot load this cartridge is ideal for special applications in game shooting. Only for shotguns with a 76 mm (3 in.) chamber length and magnum barrel proof!

- black polyethylene case
- 20 mm brass head
- plastic wad
- lead shot
- extra-heavy shot charge



Gauge	Shot sizes	Weight	Pack unit	V 2.5 m
<b>12/76 Magnum</b>	2.7 - 4.0 mm	52 g	10/box	380 m/sec
<b>20/76 Magnum</b>	2.7 - 3.7 mm	33 g	10/box	370 m/sec

### ROTTWEIL SEMI MAGNUM

Dense patterning for normal shotguns

This semi-magnum load has been developed to offer the hunter a heavier shot load for shotguns with standard proof marks and a chamber length of 70 mm (2¾ in.).

- black polyethylene case
- 20 mm brass head
- plastic wad
- lead shot
- heavy shot charge



Gauge	Shot sizes	Weight	Pack unit	V 2.5 m
<b>12/70 Magnum</b>	2.7 - 4.0 mm	40 g	10 box	375 m/sec

### ROTTWEIL WAIMANNSSHEIL PAPPE

Masterful perfection for the most demanding shooter

This extremely high quality shotshell has been continuously improved over decades of use. The newest improvement of this favourite has been to impregnate the paper case with an ecologically friendly water-based varnish. The environmentally conscious hunter will particularly appreciate the combination of cardboard and felt fibre wadding.

- varnished black paper case
- nitro card wad
- felt fibre cushion wad
- 20 mm brass head
- lead shot



Gauge	Shot sizes	Weight	Pack unit	V 2.5 m
<b>12/70</b>	2.5 - 4.0 mm	36 g	10/box	380 m/sec

### ROTTWEIL WAIMANNSSHEIL HV PLASTIK

Masterfully perfected for fast hits

The extremely high quality plastic version of the legendary Waidmannsheil Pappe is also a real success story in the Rottweil line. The especially high velocity combined with a heavy shot load in a plastic wad offers excellent performance with good patterning.

- cal. 12: black polyethylene case with 20 mm brass head
- cal. 16: black polyethylene case with 16 mm brass head
- cal. 20: yellow polyethylene case with 16 mm brass head
- plastic wad
- lead shot
- high velocity



Gauge	Shot sizes	Weight	Pack unit	V 2.5 m
<b>12/70</b>	2.5 - 4.2 mm	36 g	10/box	395 m/sec
<b>16/70</b>	2.7 - 4.0 mm	31 g	10/box	385 m/sec
<b>20/70</b>	2.5 - 3.5 mm	28 g	10/box	385 m/sec



### COPPER UNLIMITED

Due to its lighter weight, ordinary steel shot always forces compromises in regard to its effective range, its impact energy and where it may be used. The new Rottweil Copper Unlimited is a high-performance lead-free cartridge that rivals lead shot cartridges. Shooting nearly all types of feathered and ground game is now possible without reservation. How? Rottweil Copper Unlimited cartridges contain shot made from pure copper. Copper is both heavier and softer than soft iron shot. The advantages to the sportsman include increased effective ranges of up to 40 metres and up to 15% more energy delivered to the target. Since it is possible to put more pellets into the cartridge than the same load weight of steel shot would allow, the same energy is achieved by using smaller shot. This improves one's chances of success. In addition, the softer copper shot makes forest and field shooting possible again since the danger from ricochets is greatly reduced. Rottweil Copper Unlimited is a high-performance cartridge with a maximum muzzle velocity (V<sub>2.5m</sub>) of up to 397 m/sec. This means maximum energy delivered to the game animal, long effective ranges and less lead required for moving targets.

bleifrei  
**GREEN™**  
lead-free



## Premium Line

### COPPER UNLIMITED – for unrestricted lead-free shooting

#### 1. MORE HITS

Due to the greater density of copper, the same shot charge weight can be made up of shot one size smaller than that of its steel counterpart. This increases the number of pellets in the load and thereby the pattern density (see illustration below).

#### 2. BETTER MATERIAL PROPERTIES

Shot made of pure copper has a density of 8.9 g/cm<sup>3</sup> and is about 15% heavier than soft iron in addition to being much softer and more malleable.

#### 3. MORE FREEDOM

The new Rottweil Copper Unlimited allows all species of small game to be taken with lead-free ammunition and without restriction - whether over wetlands, in the woods, or in open fields.

#### 4. SAFER

Of all lead-free Rottweil shot cartridges, Rottweil Copper Unlimited present the lowest danger of ricochets.



#### ROTTWEIL COPPER UNLIMITED 12/76 MAGNUM

Lead-free magnum cartridge for top performance

High-performance magnum cartridge with copper shot for guns proved for steel shot. Longer effective range and better killing power than magnum steel shot cartridges. Not just a great choice for shooting over wetlands, but also suitable for forest and field shooting.

- Black polyethylene case
- 20 mm case head
- Special shot cup
- Pure copper shot
- Heaviest possible shot load
- maximum 1050 bar



Gauge	Shot size	Weight	Pack unit	V <sub>2.5m</sub>	
12/76	Magnum	2.75 – 3.25mm	40 g	10/box	375 m/sec

Enhanced steel shot proof

#### ROTTWEIL COPPER UNLIMITED 12/70

Masterfully perfected for quick hits

High-performance cartridge with copper shot for guns proved for steel shot. Longer effective range and better killing power compared to steel shot cartridges. Not just a great choice for shooting over wetlands, but also suitable for forest and field shooting.

- Black polyethylene case
- 20 mm case head
- Special shot cup
- Pure copper shot
- Especially high velocity (V<sub>2.5</sub> = 397 m/sec)
- maximum 1050 bar



Gauge	Shot size	Weight	Pack unit	V <sub>2.5m</sub>	
12/70		2.75 – 3.25mm	34 g	10/box	397 m/sec

Enhanced steel shot proof





# Professional Line

High quality for the passionate shooter

The Rottweil Professional Line offers high quality and top performance for the serious shooter. Produced with selected components for the discerning shooter,

Professional Line shotshells are particularly suitable for waterfowling and woodland pursuits.

### ROTTWEIL JAGD BRAUN PLASTIK

Classic performance for versatile shooters

The Jagd Braun with plastic case and fibre wad is a classic cartridge for demanding shooters who need a heavy charge of larger shot. With specially selected components and a 36 g shot load, this game cartridge stands out thanks to its good patterns and favourable price-to-performance ratio.

- brown plastic case
- 20 mm brass head
- H-disc with felt fibre wad
- lead shot



Gauge	Shot sizes	Weight	Pack unit.	V <sub>2.5m</sub>
<b>12/70</b>	2.7 - 3.5 mm	36 g	10/box	375 m/sec
<b>16/70</b>	3.0 + 3.5 mm	31 g	10/box	375 m/sec

### ROTTWEIL JAGD BRAUN STREU PLASTIK

Classic performance for shorter ranges

This spreader variant of the Jagd Braun is ideally suited to close-range pursuits, such as when shooting in wooded areas or at incoming ducks. The spreader insert produces a wide shot pattern up to a range of about 25 m that increases hit probability and prevents loss of game.

- brown plastic case
- 20 mm brass head
- H-disc with felt fibre wad
- lead shot
- plastic spreader insert



⊗ = spreader insert

Gauge	Shot sizes	Weight	Pack unit.	V <sub>2.5m</sub>
<b>12/70</b>	2.7 + 3.2 mm ⊗	34 g	10/box	375 m/sec
<b>16/70</b>	2.7 mm ⊗	30 g	10/box	375 m/sec

### ROTTWEIL THERMOS FLASK

The perfect gift for the avid hunter! This originale thermos flask comes in the design of the legendary Rottweil Waidmannsheil shotgun cartridge. Thanks to its high-quality stainless steel the flask offers excellent insulating properties. The top can be unscrewed and used as a drinking cup.

- Originale thermos flask in the form of the legendary Waidmannsheil shotgun cartridge
- Excellent insulating properties thanks to high-quality stainless steel
- With integrated drinking cup and quick-stop cap for easy pouring
- Capacity: 750 ml
- Material: stainless steel



Item No.	Type
231 92 32	<b>Rottweil thermos flask</b>





## Basic Line

Hunting shotshells with standard components for high-volume shooters

The Rottweil Basic Line offers great value for regular shooters needing large numbers of cartridges. By using less expensive components yet still offering excellent

performance, they are extremely suitable for high-volume shooting, e.g. wood pigeon.

### ROTTWEIL SPECIAL 36

Outstanding value for shooters on a budget

This special game cartridge with low base head and heavy shot load is an economical alternative yet with few compromises for the price-conscious shooter.

The favourable price is achieved through the use of lower-cost components in the manufacturing process.

- dark green polyethylene case
- 16 mm brass head
- plastic wad
- lead shot



Gauge	Shot sizes	Weight	Pack unit	V <sub>2.5m</sub>
<b>12/70</b>	2.5 – 4.0 mm	36 g	25/box	380 m/sec

### ROTTWEIL MARK II 30 HV

Fast loads for fast birds

Smaller game require smaller shot. Reducing the load to 30 g increases shooter comfort to allow many more shots in the course of the day. The high velocity (HV) helps in hitting wide-flushing and fast-flying birds such as red partridge.

- bright green plastic case
- 12 mm brass head
- shot cup
- lead shot
- high velocity



Gauge	Shot sizes	Weight	Pack unit	V <sub>2.5m</sub>
<b>12/67.5</b>	2.7 + 3.2 mm	30 g	25/box	390 m/sec

### ROTTWEIL SPECIAL 12 F, 16 F, 20 F

Fine shot for higher hit rates

This game shotshell series offers a wide selection of shot sizes in all three gauges with emphasis on smaller pellet sizes. The fibre wad combined with the H-disc gas seal produces an especially wide and even pattern for more certain hits on smaller bird species.

- green polyethylene case in 12 and 16 ga.  
yellow polyethylene case in 20 ga.
- plastic base wad
- 12 ga. with 12 mm brass head
- 16 ga. with 8 mm brass head
- 20 ga. with 12 mm brass head
- H-disc with felt fibre wad
- lead shot



Gauge	Shot sizes	Weight	Pack unit	V <sub>2.5m</sub>
<b>12/67.5</b>	2.2 – 3.2 mm	32 g	25/box	380 m/sec
<b>16/67.5</b>	2.5 – 3.0 mm	27 g	25/box	375 m/sec
<b>20/67.5</b>	2.5 – 3.2 mm	26 g	25/box	375 m/sec

### ROTTWEIL SPECIAL 12 F STREU

Economy load for short-range shooting

The Rottweil Special 12 F Streu is especially suitable for ground game and incoming ducks. Thanks to its spreader insert and fibre wad, this cartridge delivers satisfyingly wide patterns. The use of economical components keeps this cartridge within the reach of every shooter.

- green plastic case
- 12 mm brass head
- H-disc with felt fibre wad
- spreader insert



Gauge	Shot sizes	Weight	Pack unit	V <sub>2.5m</sub>
<b>12/67.5</b>	2.7 mm ⊗	32 g	25/box	380 m/sec

⊗ = spreader insert



**NEW****ROTTWEIL GAME EDITION**

Rottweil GAME EDITION shotshells have power levels and energy distributions that have been optimised for hunting particular species of small game. These cartridges are loaded with common shooting distances and choke constrictions in mind as well as the salient characteristics of the game to be hunted, such as its weight and size.

**GAME EDITION**

- developed for game-specific applications

The components and performances of each cartridge are tailored to produce an optimal distribution of impact energy – and thereby a killing effect – against specific game species. The fine-tuning of each loading is achieved through rigorous quality testing combined with a new measurement and analysis protocol.

Light game species need less pattern energy – the combination of energy delivery and pattern coverage – while heavier species need more. In addition to its weight, the surface area of the game to be hunted is another decisive variable.

Within the usual range of shooting distances for certain species of small game, GAME EDITION cartridges deliver far more pattern energy than is necessary for a sportsmanlike kill. This gives the small game shooter the confidence of knowing that he has a reserve of energy if he needs it: if the pattern isn't quite centred on the animal, if ground game is in full run or the birds are flying fast, or if the shooting distance lies at the cartridge's maximum effective range.

This is why GAME EDITION cartridges guarantee the best possible success in small game hunting.

**SHOT AND PATTERN**

The number of shot pellets and their distribution over a defined surface area is known as pattern. Practically speaking, pattern is commonly determined by firing at a 16-field target 75 cm (29.5 in) in diameter. The more pellets that land inside the circle – and the more

uniform their distribution within the target area – the better the pattern, thereby increasing hunting success with the shotgun. Our measurement protocol also uses a 75 cm target, but it has 100 fields to achieve even more precise results.

**WHAT IS GAME-SPECIFIC PATTERN ENERGY?**

Pattern energy is a combination of the pattern, i.e. the distribution of shot pellets upon the target, and the energy of the flying pellets. The net kinetic energy of the shot is calculated using the number of individual pellets, their masses, and their velocities. Since the velocity of the shot diminishes as the shooting distance increases, the energy is diminished as well. That is, the shorter the shooting distance the higher the net kinetic energy.

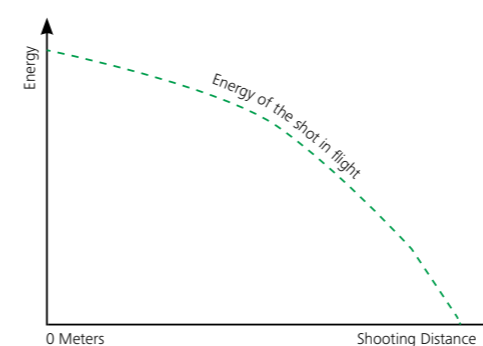
Understandably, the distribution of the pellets changes with the shooting distance. At shorter ranges, the pellets cluster in the centre too close to one another – in other words, an overabundance of energy dominates the centre of the target circle.

Ideally, enough pellet impact energy should be distributed across the surface of the test target that game anywhere within the target circle would be bagged in a sportsmanlike manner when struck. This is when the pattern energy is highest.

At distant ranges, the pattern energy diminishes because more pellets land outside the target circle while, at the same time, the pellet velocity drops. Therefore, the pattern energy is the distribution of energy into the entire target circle.

Since in the end only the pellets that actually deliver energy for the taking of game are included in the energy sum, one might understand pattern energy as being the same as killing probability.

Game-specific pattern energy is the distribution of the amount of such energy that is necessary, depending on game weight and size, for a particular species to be taken in a sportsmanlike manner.



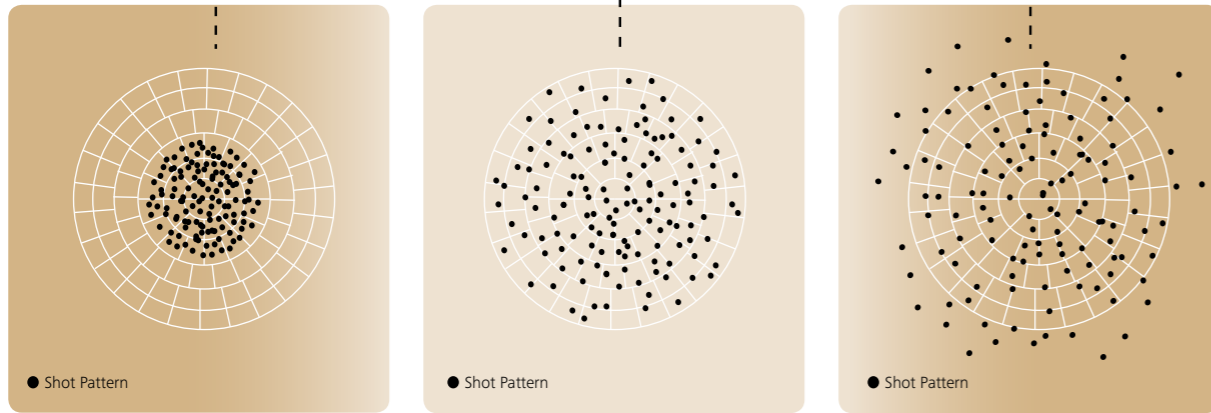
Pattern energy incorporates both the kinetic energy and the pattern of the pellets into its energy curve calculation. Impact energy is recorded only for pellets that land within the 75 cm diameter of the 100-field target.



## ENERGY RESERVES WHEN HUNTING SMALL GAME WITH GAME EDITION CARTRIDGES

### SHOT PATTERNS

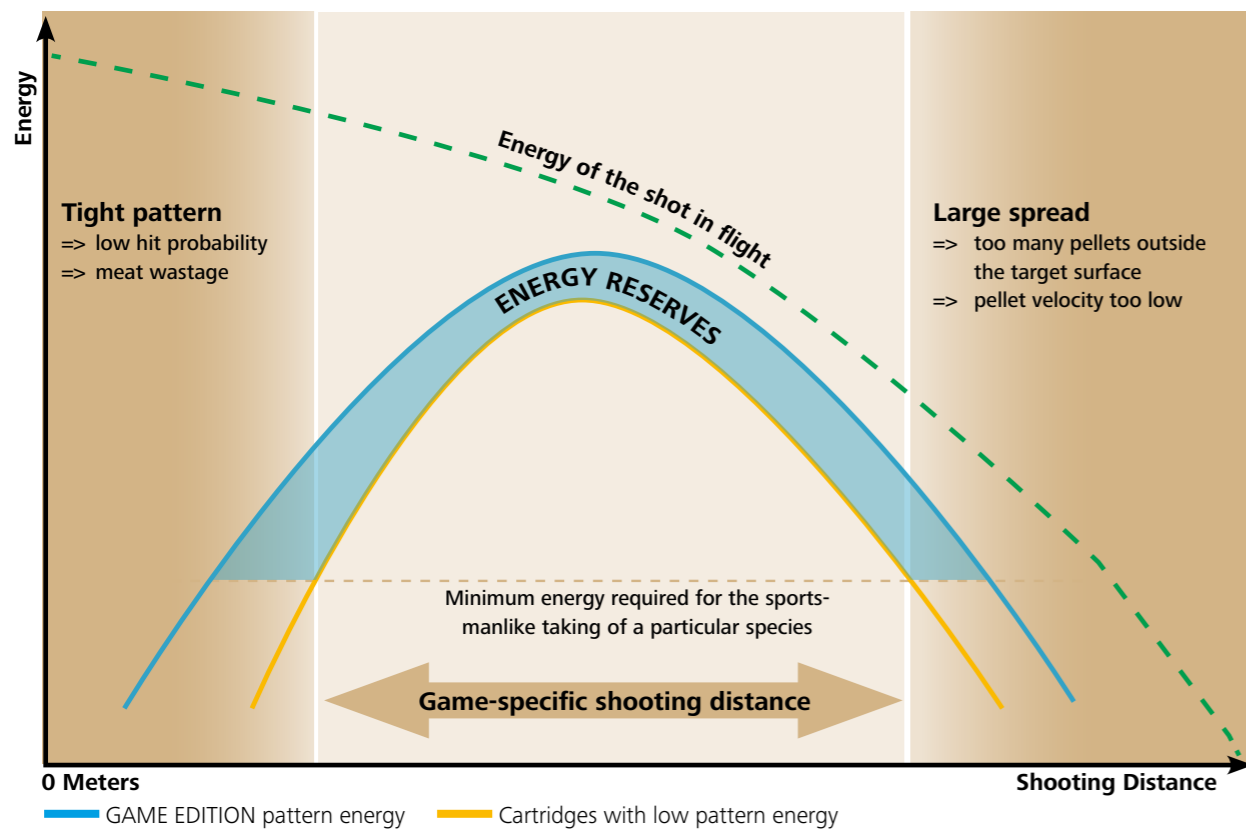
100-Field target  
(75 cm diameter)



Short Distance

Long Distance

### ENERGY GRAPH (based upon the above shot patterns)



The energy graph depicted above demonstrates the large energy reserves that GAME EDITION cartridges command when hunting specific game species. The available pattern energy is far higher at every game-specific shooting distance than the minimum energy required to kill that species in a sportsmanlike manner. In general, GAME EDITION cartridges have higher

game-specific pattern energy because their shot patterns are tailored to the species in question. In addition, aiming errors at very short distances can be compensated for by this energy reserve. In fact, thanks to the optimal shot distribution of the cartridge, sufficient pattern energy is always available – even for very long shots.

### GAME EDITION DUCK

**NEW**

- cal. 12: dark green plastic case with 16 mm high brass head
- cal. 20: yellow plastic case with 8 mm high brass head
- steel shot
- environmentally friendly/suitable for waterfowl
- optimised for a shooting distance of 12 - 25 m
- practical 100-pack with carry handle



Safe to use in barrels without enhanced steel shot proof

Gauge	Shot sizes	Weight	Pack unit.	V <sub>2.5m</sub>
12/70	3.25 mm	32 g	100/box	375 m/sec
20/70	3.00 mm	24 g	100/box	385 m/sec

### GAME EDITION PIGEON

**NEW**

- cal. 12: dark green plastic case with 16 mm high brass head
- cal. 20: yellow plastic case with 8 mm high brass head
- lead shot
- optimised for a shooting distance of 15 - 35 m
- practical 100-pack with carry handle



Gauge	Shot sizes	Weight	Pack unit.	V <sub>2.5m</sub>
12/70	2.8 mm	32 g	100/box	400 m/sec
20/70	2.8 mm	30 g	100/box	380 m/sec

### GAME EDITION HARE

**NEW**

- dark green plastic case
- 12 mm high brass head
- lead shot
- optimised for a shooting distance of 15 - 35 m



Gauge	Shot sizes	Weight	Pack unit.	V <sub>2.5m</sub>
12/70	3.5 mm	36 g	25/box	400 m/sec

### GAME EDITION CROW

**NEW**

- dark green plastic case
- 12 mm high brass head
- lead shot
- optimised for a shooting distance of 20 - 40 m



Gauge	Shot sizes	Weight	Pack unit.	V <sub>2.5m</sub>
12/70	2.9 mm	34 g	25/box	400 m/sec



**GAME EDITION DEER**

**NEW**

- dark green plastic case
- 16 mm high brass head
- lead shot
- optimised for a shooting distance of 15 - 45 m
- use on deer only allowed in specific countries/areas



Gauge	Shot sizes	Weight	Pack unit.	V <sub>2.5 m</sub>
<b>12/70</b>	3.75 mm	38 g	10/box	390 m/sec

**GAME EDITION PHEASANT**

**NEW**

- cal. 12: dark green plastic case with 16 mm high brass head
- cal. 20: yellow plastic case with 8 mm high brass head
- lead shot
- felt fibre wad
- low recoil
- optimised for a shooting distance of 8 - 25 m



Gauge	Shot sizes	Weight	Pack unit.	V <sub>2.5 m</sub>
<b>12/67.5</b>	2.7 mm	28 g	25/box	390 m/sec
<b>20/70</b>	2.7 mm	28 g	25/box	375 m/sec


**GAME EDITION GOOSE**

**NEW**

- dark green plastic case
- 16 mm high brass head
- soft iron shot
- environmentally friendly/suitable for waterfowl
- especially high velocity (V<sub>2.5 m</sub> = 429 m/sec)
- optimised for a shooting distance of 15 - 35 m



bleifrei  
**GREEN**<sup>TM</sup>  
lead-free

 Only for shotguns carrying steel proof marks

Gauge	Shot sizes	Weight	Pack unit.	V <sub>2.5 m</sub>
<b>12/76</b>	3.25 mm	35 g	10/box	429 m/sec

**GAME EDITION PARTRIDGE**

**NEW**

- dark green plastic case
- 12 mm high brass head
- lead shot
- optimised for a shooting distance of 10 - 35 m



Gauge	Shot sizes	Weight	Pack unit.	V <sub>2.5 m</sub>
<b>12/70</b>	2.5 mm	32 g	25/box	400 m/sec



Have you heard about our glossary of weapons technology and ammunition? Find our little primer at: [rws-ammunition.com](http://rws-ammunition.com) → Service → Hunting → Glossary

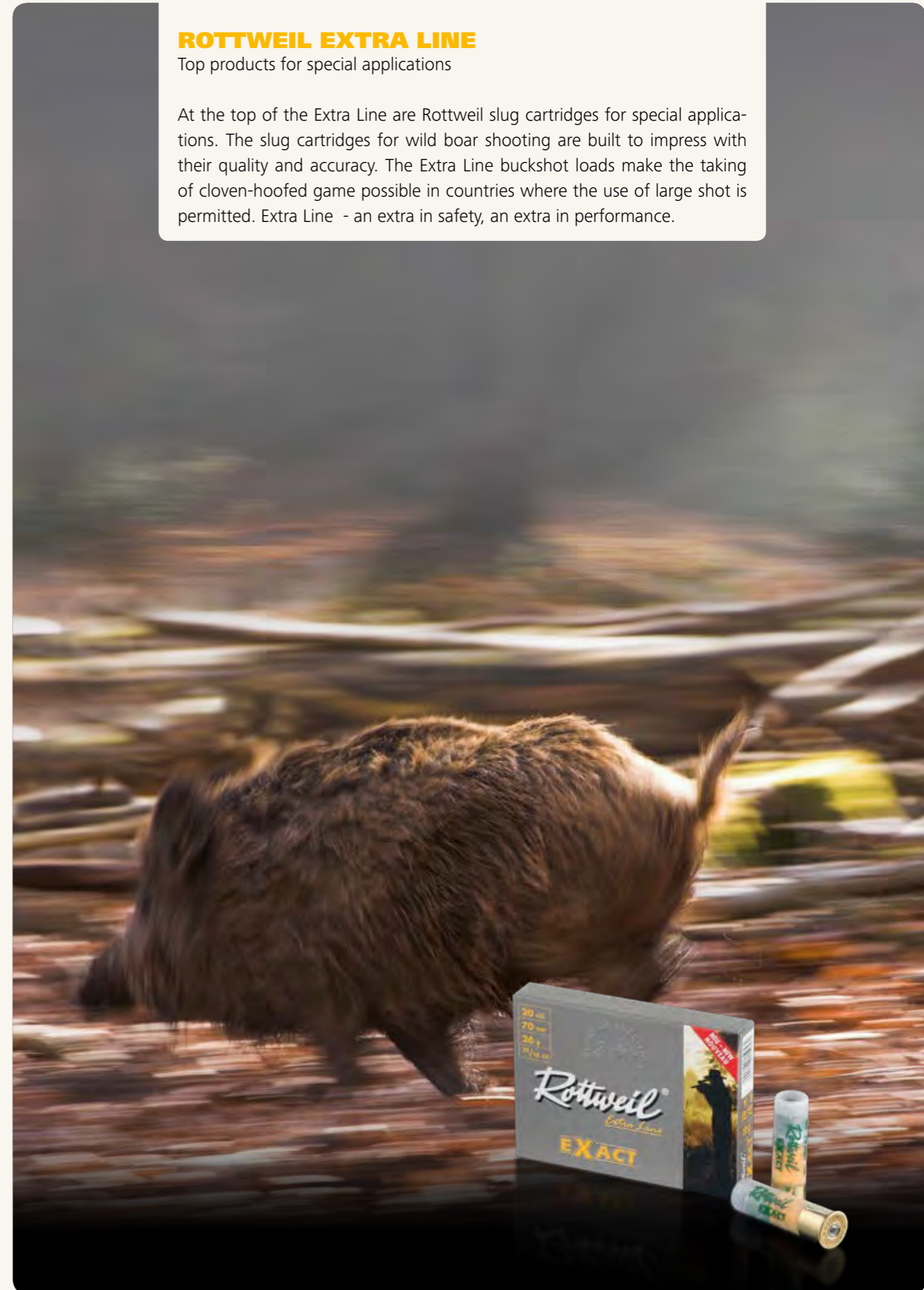
Warning - Fire or projection hazard. - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.



**ROTTWEIL EXTRA LINE**

Top products for special applications

At the top of the Extra Line are Rottweil slug cartridges for special applications. The slug cartridges for wild boar shooting are built to impress with their quality and accuracy. The Extra Line buckshot loads make the taking of cloven-hoofed game possible in countries where the use of large shot is permitted. Extra Line - an extra in safety, an extra in performance.



# Extra Line

## Buckshot/Slug loads

# EXACT

## For convincing accuracy

### ROTTWEIL EXPRESS

Developed for special hunting situations

These cartridges are designed for specific applications and are used in countries where the use of extra-large shot at cloven-hoofed game is allowed. Use Rottweil Express when only buckshot will do, especially for short ranges and in thick brush.

- transparent polyethylene case
- 20 mm brass head
- H-disc with felt fibre wad
- lead buckshot



Gauge	Shot sizes	Weight	Pack unit	V <sub>2.5m</sub>
<b>12/67.5</b>	4.5 – 8.6 mm	28.5-38 g	10/box	390 m/sec – 415 m/sec
<b>16/67.5</b>	7.4 mm	22 g	10/box	415 m/sec

### ROTTWEIL BRENNEKE CLASSIC

Good for all hunting situations

Classic hunting slug cartridge with felt wad that can be universally used up to 50 m with all ordinary shotguns.

- transparent polyethylene case
- 12 ga. with 20 mm brass head
- 20 ga. with 16 mm brass head
- H-disc with felt fibre wad
- Original Brenneke Classic shotgun slug with felt wad



Gauge	Weight	Pack unit	V <sub>2.5m</sub>	
<b>12/70</b>	31.5 g	490 gr	10/box	415 m/sec
<b>12/67.5</b>	31.5 g	490 gr	10/box	415 m/sec
<b>20/67.5</b>	24 g	370 gr	10/box	410 m/sec

### ROTTWEIL BRENNEKE MAGNUM

Heavy weight for maximum impact

The Rottweil Brenneke 'Silver' delivers very high impact energy for big game. Its accuracy in smoothbore shotgun barrels is not affected by the degree of choke constriction.

This magnum cartridge must only be used in gun barrels showing magnum proof marks and with 76 mm (3 in.) chambers!

- transparent polyethylene case
- 20 mm brass head
- original Brenneke Silver shotgun slug with plastic tail section



Gauge	Weight	Pack unit	V <sub>2.5m</sub>	
<b>12/76 Magnum</b>	39 g	600 gr	5/box	420 m/sec

### ROTTWEIL BRENNEKE CLASSIC MAGNUM

Fast slug for first-class success

Thanks to its magnum-pressure loading, this cartridge achieves a higher velocity and, as a result of this performance increase, it delivers more energy to the target. Its accuracy in smoothbore shotgun barrels is not affected by the degree of choke constriction.

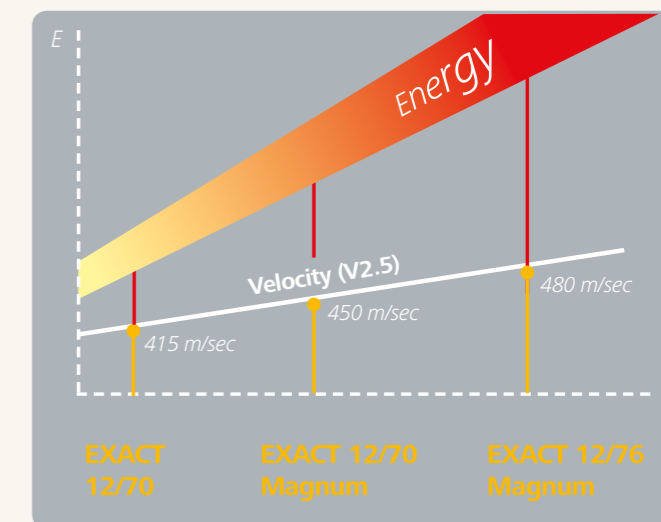
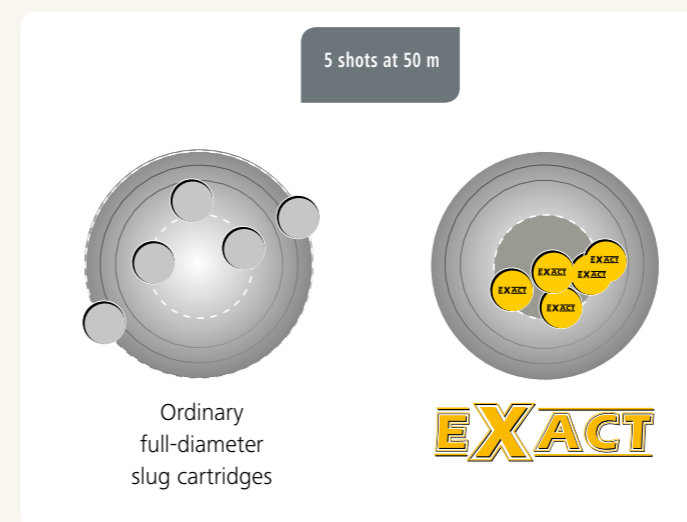
- transparent polyethylene case
- 20 mm brass head
- H-disc with felt fibre wad
- original Brenneke Classic shotgun slug with felt wad
- only for shotguns proved for magnum loads



Gauge	Weight	Pack unit	V <sub>2.5m</sub>	
<b>12/70 Magnum</b>	31.5 g	490 gr	5/box	435 m/sec

When shooting wild boar with a shotgun, the highest possible precision is paramount. To comply with sportsmanlike ethics, wild boar should be shot at ranges no greater than 50 metres in order to minimise the need for tracking wounded animals. The Rottweil EXACT

slug cartridge is precision-built and is the most accurate Rottweil slug cartridge ever. In addition, it offers a lower-priced alternative to our Classic slug with felt wad.



### ROTTWEIL EXACT MAGNUM

More performance, more energy

The magnum variants of the Rottweil EXACT deliver more energy and even greater stopping power on game such as wild boar with more velocity, less lead and fewer misses - particularly on game drives. Only for use in barrels bearing magnum proof marks!

- transparent plastic case
- 12 ga. with 20 mm brass head, white plastic tail section
- 20 ga. with 16 mm brass head, yellow plastic tail section



Gauge	Weight	Pack unit	V <sub>2.5m</sub>
<b>12/76 Magnum</b>	32 g	5/box	480 m/sec
<b>12/70 Magnum</b>	32 g	5/box	450 m/sec
<b>20/76 Magnum</b>	26 g	5/box	455 m/sec

### ROTTWEIL EXACT

Outstanding precision

The Rottweil EXACT slug cartridge was developed in cooperation with the renowned slug manufacturer Gualandi. EXACT in name - precise in performance.

- transparent plastic case
- 12 ga. with 20 mm brass head, white plastic tail section
- 16 ga. with 16 mm brass head, white plastic tail section
- 20 ga. with 16 mm brass head, yellow plastic tail section
- featuring Gualandi technology



Gauge	Weight	Pack unit	V <sub>2.5m</sub>
<b>12/70</b>	32 g	10/box	415 m/sec
<b>12/67.5</b>	32 g	10/box	415 m/sec
<b>16/70</b>	29 g	10/box	420 m/sec
<b>16/67.5</b>	29 g	10/box	420 m/sec
<b>20/70</b>	26 g	10/box	415 m/sec





**ROTTWEIL STEEL LINE**

The question of shooting waterfowl with lead shot has been a hot topic in Europe for years. There is a danger that, in standing or running waters and in environmentally sensitive areas, bottom-feeding waterfowl could ingest lead shot and thus be harmed. For this reason, regulations have been passed in nearly all German states prohibiting the use of lead shot for shooting over water, with penalties of up to € 5000 possible. Whether for older guns, longer ranges, less 'lead' or more impact energy, Rottweil offer an extensive range of lead-free cartridges for all shooting applications.



*Steel Line*

Soft iron shotshells for the environmentally-conscious shooter

**ROTTWEIL STEEL GAME HV**

The fast soft iron cartridge

Rottweil have expanded their assortment of soft iron cartridges by adding an HV load. This lead-free cartridge with CIP-approved soft iron shot differentiates itself from the Rottweil Steel Game through its higher velocity (HV). It transmits more energy to the target at longer shooting ranges. The Rottweil Steel Game HV with soft iron shot is non-toxic and is therefore suitable for waterfowling. For shooters wanting a fast cartridge capable of long-distance performance, the Rottweil Steel Game HV with soft iron shot is also environmentally friendly. Only for use in barrels with 70 mm (2¾ in.) chambers and bearing magnum proof marks!



- 12 ga. with silver-coloured polyethylene case
- 20 ga. with yellow polyethylene case
- 12 ga. with 20 mm brass head
- 20 ga. with 16 mm brass head
- special plastic wad
- soft iron shot
- especially fast (HV)
- environmentally friendly/suitable for waterfowl

Gauge	Shot sizes	Weight	Pack unit	V <sub>2.5m</sub>
<b>12/70</b>	3.0 - 3.75 mm	32 g	25/box	400 m/sec
<b>20/70</b>	3.25 mm	24 g	10/box	400 m/sec



**Interactive product selector**

Select the Rottweil shotshell most suited to your game of choice with the help of our interactive product selector. Find it on our website: [rws-ammunition.com](http://rws-ammunition.com) → Products → Hunting → Interactive product advisor



For more shotshells please see our listings in the GECO section of this catalogue.

**ROTTWEIL STEEL GAME**

Lead-free for sensitive countryside areas

This cartridge with CIP-compliant iron shot was developed specifically for shooting in environmentally sensitive areas, e.g. near water or in areas where no lead shot is permitted. Safe for use in barrels with 70 mm (2¾ in.) chambers and bearing normal proof marks.

- 12 and 16 ga. with silver-coloured polyethylene case
- 20 ga. with yellow polyethylene case
- 12 ga. with 20 mm brass head
- 16 and 20 ga. with 16 mm brass head
- special wad
- steel shot
- environmentally friendly/suitable for water fowl



Useable in guns without higher gas pressure (magnum) proof marks.

Gauge	Shot sizes	Weight	Pack unit	V <sub>2.5m</sub>	
<b>12/70</b>	Normal proof	2.6 – 3.25 mm	32 g	25/box	375 m/sec
<b>16/67.5</b>	Normal proof	3.0 mm	26 g	10/box	370 m/sec
<b>20/70</b>	Normal proof	2.6 mm	24 g	10/box	380 m/sec

**ROTTWEIL STEEL GAME SPEED 28**

Fast, light and environmentally friendly

The Speed 28 is the light and fast soft iron cartridge in the Steel Game series. Due to the high maximum muzzle velocity (V<sub>2.5m</sub>) of 425 m/sec. the lead factor for moving targets can be noticeably reduced.

At the same time, the Steel Game Speed 28 can be shot in barrels with standard proof marks and with any choke restriction. Ideally suited to small and medium-sized waterfowl such as teal.

- silver-coloured polyethylene case
- 20 mm brass head
- special plastic wad
- 28 g soft iron shot load
- environmentally friendly/suitable for waterfowl



Useable in guns without higher gas pressure (magnum) proof marks.

Gauge	Shot sizes	Weight	Pack unit	V <sub>2.5m</sub>	
<b>12/70</b>	Normal proof	3.0 + 3.25 mm	28 g	25/box	425 m/sec

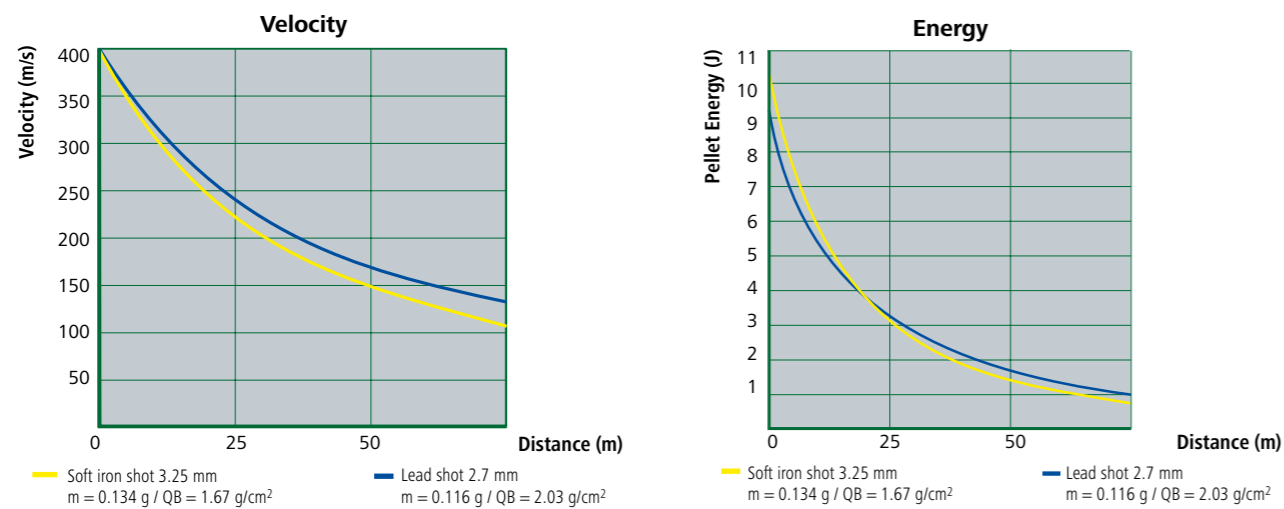


## TIPS AND INFORMATION ON SOFT IRON SHOT

Due to their lower density of 7.8 g/cm<sup>3</sup> compared to 11.0 g/cm<sup>3</sup> with lead, soft iron shot pellets fly slower and not as far. In order to compensate for the loss of velocity and energy of soft iron shot versus lead shot, one must choose a shot size two numbers larger than what one would normally use. In concrete terms, use a soft iron load with 3.25 mm (No. 4) pellets instead of a 2.7 mm (No. 6) lead load.

### SHOT CARTRIDGE BALLISTICS

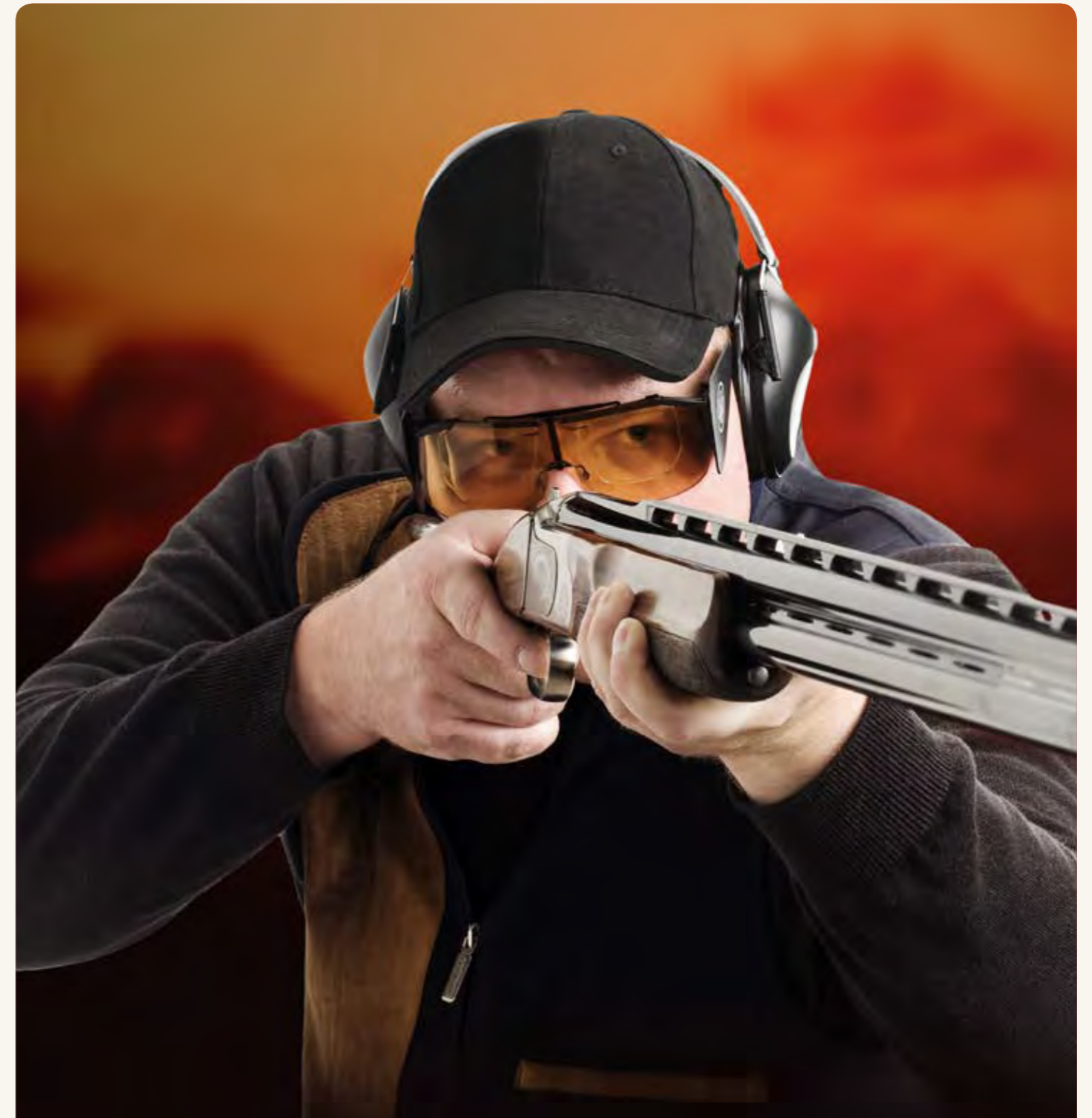
m = Mass / QB = Sectional density



This table shows which shotguns are suitable for which steel cartridge.

GUN			CARTRIDGE							
Bore	Proof mark	Choke	Steel shot diameter - Ø (mm)							
			< 2,50	2,50	2,75	3,00	3,25	3,50	3,75	4,00
Soft iron cartridges with standard pressure up to 740 bar										
12 Normal proof	[Eagle]	Cylinder choke	Green			Red				
		1/4 1/2 3/4 1/1	Green			Red				
High-performance soft iron cartridges with enhanced pressure up to 1050 bar*										
12 Enhanced steel shot proof	[Eagle] [Fleur-de-lis]	Cylinder choke	Green							
		1/4 1/2 3/4 1/1	Green			Red				
Soft iron cartridges with standard pressure up to 780 bar										
16 Normal proof	[Eagle]	Cylinder choke	Green			Red				
		1/4 1/2 3/4 1/1	Green			Red				
Soft iron cartridges with standard pressure up to 830 bar										
20 Normal proof	[Eagle]	Cylinder choke	Green			Red				
		1/4 1/2 3/4 1/1	Green			Red				
High-performance soft iron cartridges with enhanced pressure up to 1050 bar*										
20 Enhanced steel shot proof	[Eagle] [Fleur-de-lis]	Cylinder choke	Green							
		1/4 1/2 3/4 1/1	Green			Red				

\* High-performance steel shot cartridges are marked '1050 bar' on the case body



### ROTTWEIL COMPETITION LINE

Trap and Skeet - established worldwide

No matter whether trap, skeet, sporting clays or game, the sport of shooting should be fun and satisfying. In order to be successful, it is also important to choose the right ammunition. Rottweil offer a wide assortment of sporting cartridges which have been specially designed for the different shooting disciplines and thus contribute to the factors necessary for consistently good performance. The product programme includes fast cartridges for experienced shooters, spreader versions for short range and the versatile, 'Special' series for general use. This sport is also easy on your wallet as Rottweil sport cartridges are less expensive than you think!

**NEW**

# ROTTWEIL GOLD HV SERIE

Rottweil HV have been the epitome of high-velocity competition shot shells for years thanks to their consistent high quality. With its new GOLD HV series, Rottweil achieves a new level of quality. In close cooperation with the successful cadre shooters of the German Shooting Federation (DSB), many components have been optimized: Pellets with greater breaking power, powder with less

recoil, wads with optimized patterning at various impact ranges, and transparent cartridge cases that make all of this sophisticated technology visible. The GOLD HV doesn't just speak to the professional Olympic shooter – passionate competition and sporting clays shooters will profit from the improved characteristics of this sporting shot shell line as well.

## THE ADVANTAGES OF THE NEW GOLD HV SERIES AT A GLANCE:

- Transparent shell casing makes the sophisticated technology visible
- Gold-graphited pellets have more target-breaking power (5% antimony)
- Wads optimized for better patterning
- 'Soft recoil' powder for minimal recoil

Developed in cooperation with the German Shooting Federation (DSB)



## ROTTWEIL GOLD HV SERIES – DEVELOPED IN COOPERATION WITH SUCCESSFUL DSB CADRE SHOOTERS



Andreas Löw

Successful clay target shooting depends on mental fortitude, experience, technique and the right equipment. As long-time cadre shooters, we eagerly shared our experience with Rottweil throughout the development of its new SPORT GOLD HV line. Thanks to our extensive testing, we were able to co-develop this series from the ground up.

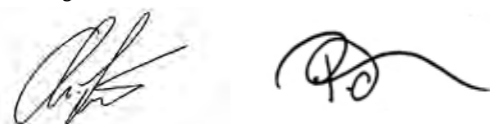
Some of the important questions we asked:

- How does the pattern spread at various impact ranges?
- What influence does velocity have on recoil and lead distances?
- Can target-breaking power be increased without negative side effects?



Paul Pigorsch

With the innovative components and sensible loadings of the GOLD HV series, Rottweil has delivered exactly what a professional shooter expects from a high-performance competition cartridge. Every ambitious competition shooter can increase his score with this shell, enjoying more success and fun while shooting.



Andreas Löw and Paul Pigorsch – DSB Cadre Shooters

### ROTTWEIL TRAP GOLD 24 HV

The newly-developed shot wad of the TRAP GOLD 24 HV shell delivers consistently good patterning with the first as well as the second shot. In addition, the wad's shock-absorbing compression zone noticeably reduces recoil.

- High-quality transparent blue case
- 22 mm high case head
- High target-breaking power thanks to hard, gold-graphited lead pellets (5% antimony)
- Short lead distances are made possible by fast HV powder loads (V2.5 = 415 m/sec [1361 fps])
- Low recoil thanks to 'soft recoil' powder with a consistent burn rate
- Reliable Sinoxid priming



Gauge	Shot sizes	Weight	Pack unit.	V <sub>2.5 m</sub>
12/70	2.4 mm	24 g	25/box	415 m/sec

### ROTTWEIL SPORT GOLD 24 HV

The newly-developed shot wad of the SPORT GOLD 24 HV shell delivers consistently good patterning with both the first as well as the second shot. In addition, the wad's shock-absorbing compression zone noticeably reduces recoil.

- High-quality transparent red case
- 22 mm high case head
- High target-breaking power thanks to hard, gold-graphited lead pellets (5% antimony)
- Short lead distances are made possible by fast HV powder loads (V2.5 = 415 m/sec [1361 fps])
- Low recoil thanks to 'soft recoil' powder with a consistent burn rate
- Reliable Sinoxid priming



Gauge	Shot sizes	Weight	Pack unit.	V <sub>2.5 m</sub>
12/70	2.2 mm	24 g	25/box	415 m/sec

### ROTTWEIL SKREET STREU GOLD 24 HV

The SKREET STREU GOLD 24 HV spreader shell delivers an ideal pattern for hunter-style skeet shooting due to its wad's integral spreader insert.

Gauge	Shot sizes	Weight	Pack unit.	V <sub>2.5 m</sub>
12/70	2.0 mm ⊗	24 g	25/box	410 m/sec

⊗ = spreader insert

### ROTTWEIL SKREET GOLD 24 HV

Outstanding patterning at typical skeet distances thanks to a special wad that rapidly separates from the pattern.

- High-quality transparent red case
- 22 mm high case head
- High target-breaking power thanks to hard, gold-graphited lead pellets (5% antimony)
- Short lead distances are made possible by fast HV powder loads (V2.5 = 415 m/sec [1361 fps])
- Low recoil thanks to 'soft recoil' powder with a consistent burn rate
- Reliable Sinoxid priming



Gauge	Shot sizes	Weight	Pack unit.	V <sub>2.5 m</sub>
12/70	2.0 mm	24 g	25/box	415 m/sec

### ROTTWEIL SPORT GOLD 28 HV

The specialized wad of the SPORT GOLD 28 HV shell is optimized for the variable shooting distances found in sporting clays shooting.

- High-quality transparent red case
- 22 mm high case head
- High target-breaking power thanks to hard, gold-graphited lead pellets (5% antimony)
- Short lead distances are made possible by fast HV powder loads (V2.5 = 410 m/sec [1345 fps])
- Low recoil thanks to 'soft recoil' powder with a consistent burn rate
- Reliable Sinoxid priming



Gauge	Shot sizes	Weight	Pack unit.	V <sub>2.5 m</sub>
12/70	2.2 mm	28 g	25/box	410 m/sec



**ROTTWEIL SPECIAL SKEET**  
**ROTTWEIL SPECIAL TRAP**  
**ROTTWEIL SPECIAL SPORT**

More versatility for competitive shooters

Regardless of whether for competition or practice, the Special series always offers an economic alternative with its large choice of various shot weights with pellet sizes from 2.0 to 2.4 mm for all competition applications.

- Trap: light blue polyethylene case with 10 mm brass head
- Skeet and Sport: red polyethylene case with 12 mm brass head
- plastic wad
- lead shot



Gauge	Shot sizes	Weight	Pack unit	V <sub>2.5 m</sub>
<b>12/70</b>	2.0 mm	24 g	25/box	390 m/sec
<b>12/70</b>	2.2 mm	24 g	25/box	390 m/sec
<b>12/70</b>	2.4 mm	24 + 28 g	25/box	390 m/sec

**ROTTWEIL SPECIAL SKEET STREU**

Greater success for skeet shooters

Firing distances in 'hunter-style' skeet shooting are usually short and require a spreader insert to achieve significantly denser patterns than are available with Special Skeet. This spreader cartridge is also particularly suited to specific situations encountered during game shooting.

- green polyethylene case
- 12 mm brass head
- plastic wad
- lead shot
- plastic spreader insert



Gauge	Shot sizes	Weight	Pack unit	V <sub>2.5 m</sub>
<b>12/67.5</b>	2.0 mm ⊗	24 + 28 g	25/box	390 m/sec

**ROTTWEIL FASAN FF**

Perfect training cartridge for small-game hunters

This qualitatively very high training shot cartridge with biodegradable cardboard and felt fibre wads is very environmentally friendly. This simplifies disposal at the shooting stand area.

- cal. 12: green polyethylene case with 12 mm brass head
- cal. 16: red polyethylene case with 16 mm brass head
- cal. 20: yellow polyethylene case with 8 mm brass head
- cardboard disc/felt fibre wad
- lead shot
- environmentally friendly



Gauge	Shot sizes	Weight	Pack unit	V <sub>2.5 m</sub>
<b>12/67.5</b>	2.4 mm	28 g	25/box	380 m/sec
<b>16/67.5</b>	2.0 + 2.4 mm	28 g	25/box	380 m/sec
<b>20/67.5</b>	2.0 + 2.4 mm	24 g	25/box	380 m/sec

**ROTTWEIL SUBSONIC TRAP**

The best practice cartridge for the game shot

A special cartridge with reduced noise signature for shooting ranges that must operate under strict noise emission requirements.

- bright green polyethylene case
- 12 mm brass head
- shot cup
- lead shot
- reduced noise emission



Gauge	Shot sizes	Weight	Pack unit	V <sub>2.5 m</sub>
<b>12/67.5</b>	2.4 mm	28 g	25/box	315 m/sec

**ROTTWEIL STEEL SKEET 24 HV**  
**ROTTWEIL STEEL TRAP 24 HV**  
**ROTTWEIL STEEL TRAP 28 HV**



Lead-free for skeet and trap shooters

Lead free trap cartridge with CIP-approved soft iron shot for environmentally sensitive shooting ranges.

- Bordeaux red plastic case
- 12 mm brass head
- special cup wad
- soft iron shot
- environmentally responsible



Safe to use in barrels without enhanced steel shot proof.



Gauge	Shot sizes	Weight	Pack unit	V <sub>2.5 m</sub>
<b>12/70</b> Normal proof	2.2 mm	24 g	25/box	410 m/s
<b>12/70</b> Normal proof	2.5 mm	24 + 28 g	25/box	410 m/s

⊗ = spreader insert



**Rottweil®**  
**GAME EDITION**



**GAME EDITION CARTRIDGES**  
**- NOW ALSO AVAILABLE IN CALIBRE 20**

Calibre 20 is getting more and more popular, because light-weight shot guns in this calibre are much easier to handle. ROTTWEIL is following this trend by offering GAME EDITION cartridges in calibre 20. These game-specific shot shells are available in this calibre for DUCK, PIGEON and PHEASANT.

Rottweil GAME EDITION shotshells have power levels and energy distributions that have been optimized for hunting particular species of small game as in the product names above. They deliver a PLUS of game-specific pattern energy at short, middle and long shooting distances and thus guarantee the best possible success in small game hunting.

Also available in the following versions:

- GAME EDITION Duck 12/70 (Steel)
- GAME EDITION Pigeon 12/70
- GAME EDITION Hare 12/70
- GAME EDITION Crow 12/70

- GAME EDITION Deer 12/70
- GAME EDITION Pheasant 12/67.5
- GAME EDITION Partridge 12/70
- GAME EDITION Goose 12/76 (Steel)

Item No.		Gauge	Shot size in mm	Shot number	Shot weight in g	Ctg/box
<b>ROTTWEIL PREMIUM LINE LEAD SHOT CARTRIDGES</b>						
231 67 91	<b>ROTTWEIL MAGNUM</b>	12/76	2.7	No. 6	52	10
231 67 92	<b>ROTTWEIL MAGNUM</b>	12/76	3.0	No. 5	52	10
231 67 93	<b>ROTTWEIL MAGNUM</b>	12/76	3.2	No. 4	52	10
231 67 94	<b>ROTTWEIL MAGNUM</b>	12/76	3.5	No. 3	52	10
231 67 95	<b>ROTTWEIL MAGNUM</b>	12/76	3.7	No. 2	52	10
231 67 96	<b>ROTTWEIL MAGNUM</b>	12/76	4.0	No. 1	52	10
231 67 97	<b>ROTTWEIL MAGNUM</b>	20/76	2.7	No. 6	33	10
231 67 98	<b>ROTTWEIL MAGNUM</b>	20/76	3.0	No. 5	33	10
231 67 99	<b>ROTTWEIL MAGNUM</b>	20/76	3.2	No. 4	33	10
231 68 00	<b>ROTTWEIL MAGNUM</b>	20/76	3.7	No. 2	33	10
231 68 01	<b>ROTTWEIL SEMI MAGNUM</b>	12/70	2.7	No. 6	40	10
231 68 02	<b>ROTTWEIL SEMI MAGNUM</b>	12/70	3.0	No. 5	40	10
231 68 03	<b>ROTTWEIL SEMI MAGNUM</b>	12/70	3.2	No. 4	40	10
231 68 04	<b>ROTTWEIL SEMI MAGNUM</b>	12/70	3.5	No. 3	40	10
231 68 05	<b>ROTTWEIL SEMI MAGNUM</b>	12/70	3.7	No. 2	40	10
231 68 06	<b>ROTTWEIL SEMI MAGNUM</b>	12/70	4.0	No. 1	40	10
231 68 08	<b>ROTTWEIL WAIDMANSHEIL Pappe</b>	12/70	2.5	No. 7	36	10
231 68 09	<b>ROTTWEIL WAIDMANSHEIL Pappe</b>	12/70	2.7	No. 6	36	10
231 68 10	<b>ROTTWEIL WAIDMANSHEIL Pappe</b>	12/70	3.0	No. 5	36	10
231 68 11	<b>ROTTWEIL WAIDMANSHEIL Pappe</b>	12/70	3.2	No. 4	36	10
231 68 12	<b>ROTTWEIL WAIDMANSHEIL Pappe</b>	12/70	3.5	No. 3	36	10
231 68 13	<b>ROTTWEIL WAIDMANSHEIL Pappe</b>	12/70	4.0	No. 1	36	10
231 68 18	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	12/70	2.5	No. 7	36	10
231 68 19	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	12/70	2.7	No. 6	36	10
231 68 20	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	12/70	3.0	No. 5	36	10
231 68 21	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	12/70	3.2	No. 4	36	10
231 68 22	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	12/70	3.5	No. 3	36	10
231 68 23	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	12/70	3.7	No. 2	36	10
231 68 24	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	12/70	4.0	No. 1	36	10
231 68 25	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	12/70	4.2	No. 0	36	10
231 68 27	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	16/70	2.7	No. 6	31	10
231 68 29	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	16/70	3.0	No. 5	31	10
231 68 30	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	16/70	3.2	No. 4	31	10
231 68 31	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	16/70	3.5	No. 3	31	10
231 68 32	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	16/70	4.0	No. 1	31	10
231 68 33	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	20/70	2.5	No. 7	28	10
231 68 34	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	20/70	2.7	No. 6	28	10
231 68 35	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	20/70	3.0	No. 5	28	10
231 68 36	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	20/70	3.2	No. 4	28	10
231 68 37	<b>ROTTWEIL WAIDMANSHEIL HV Plastik</b>	20/70	3.5	No. 3	28	10

Item No.		Gauge	Shot size in mm	Shot number	Shot weight in g	Ctg/box
<b>ROTTWEIL PREMIUM LINE COPPER CARTRIDGES</b>						
231 92 11	<b>ROTTWEIL COPPER UNLIMITED</b>	12/70	2.75	No. 6	34	10
231 92 12	<b>ROTTWEIL COPPER UNLIMITED</b>	12/70	3.0	No. 5	34	10
231 92 13	<b>ROTTWEIL COPPER UNLIMITED</b>	12/70	3.25	No. 4	34	10
231 92 14	<b>ROTTWEIL COPPER UNLIMITED MAGNUM</b>	12/76	2.75	No. 6	40	10
231 92 15	<b>ROTTWEIL COPPER UNLIMITED MAGNUM</b>	12/76	3.0	No. 5	40	10
231 92 16	<b>ROTTWEIL COPPER UNLIMITED MAGNUM</b>	12/76	3.25	No. 4	40	10
<b>ROTTWEIL PROFESSIONAL LINE LEAD CARTRIDGES</b>						
231 68 38	<b>ROTTWEIL JAGD braun Plastik</b>	12/70	2.7	No. 6	36	10
231 68 39	<b>ROTTWEIL JAGD braun Plastik</b>	12/70	3.0	No. 5	36	10
231 68 40	<b>ROTTWEIL JAGD braun Plastik</b>	12/70	3.5	No. 3	36	10
231 68 41	<b>ROTTWEIL JAGD braun Plastik</b>	16/70	3.0	No. 5	31	10
231 68 42	<b>ROTTWEIL JAGD braun Plastik</b>	16/70	3.5	No. 3	31	10
231 68 43	<b>ROTTWEIL JAGD braun Streu Plastik</b>	12/70	2.7 ⊗	No. 6	34	10
231 68 44	<b>ROTTWEIL JAGD braun Streu Plastik</b>	12/70	3.2 ⊗	No. 4	34	10
231 68 45	<b>ROTTWEIL JAGD braun Streu Plastik</b>	16/70	2.7 ⊗	No. 6	30	10
<b>ROTTWEIL BASIC LINE LEAD CARTRIDGES</b>						
231 68 64	<b>ROTTWEIL SPECIAL 36</b>	12/70	2.5	No. 7	36	25
231 68 65	<b>ROTTWEIL SPECIAL 36</b>	12/70	2.7	No. 6	36	25
231 68 66	<b>ROTTWEIL SPECIAL 36</b>	12/70	3.0	No. 5	36	25
231 68 67	<b>ROTTWEIL SPECIAL 36</b>	12/70	3.2	No. 4	36	25
231 68 68	<b>ROTTWEIL SPECIAL 36</b>	12/70	3.5	No. 3	36	25
231 68 69	<b>ROTTWEIL SPECIAL 36</b>	12/70	3.7	No. 2	36	25
231 68 70	<b>ROTTWEIL SPECIAL 36</b>	12/70	4.0	No. 1	36	25
231 68 73	<b>ROTTWEIL SPECIAL 12 F</b>	12/67.5	2.2	No. 8	32	25
231 68 74	<b>ROTTWEIL SPECIAL 12 F</b>	12/67.5	2.5	No. 7	32	25
231 68 75	<b>ROTTWEIL SPECIAL 12 F</b>	12/67.5	2.7	No. 6	32	25
231 68 76	<b>ROTTWEIL SPECIAL 12 F</b>	12/67.5	3.0	No. 5	32	25
231 68 77	<b>ROTTWEIL SPECIAL 12 F</b>	12/67.5	3.2	No. 4	32	25
231 81 59	<b>ROTTWEIL SPECIAL 12 F / Streu</b>	12/67.5	2.7 ⊗	No. 6	32	25
231 68 78	<b>ROTTWEIL SPECIAL 16 F</b>	16/67.5	2.5	No. 7	27	25
231 68 79	<b>ROTTWEIL SPECIAL 16 F</b>	16/67.5	2.7	No. 6	27	25
231 68 80	<b>ROTTWEIL SPECIAL 16 F</b>	16/67.5	3.0	No. 5	27	25
231 68 81	<b>ROTTWEIL SPECIAL 20 F</b>	20/67.5	2.5	No. 7	26	25
231 68 82	<b>ROTTWEIL SPECIAL 20 F</b>	20/67.5	2.7	No. 6	26	25
231 86 44	<b>ROTTWEIL SPECIAL 20 F</b>	20/67.5	3.2	No. 4	26	25
231 70 60	<b>ROTTWEIL Mark II 30 HV</b>	12/67.5	2.7	No. 6	30	25
231 80 77	<b>ROTTWEIL Mark II 30 HV</b>	12/67.5	3.2	No. 4	30	25



⊗ = spreader insert

Warning - Fire or projection hazard. - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.



Item No.		Gauge	Shot size in mm	Shot number	Shot weight in g	Ctg/box
<b>ROTTWEIL GAME EDITION</b>						
240 33 60	<b>ROTTWEIL GAME EDITION DUCK</b>	12/70	3.25	No. 4	32	100
240 86 48	<b>ROTTWEIL GAME EDITION DUCK</b>	20/70	3.0	No. 5	24	100
240 33 63	<b>ROTTWEIL GAME EDITION PIGEON</b>	12/70	2.8	No. 6	32	100
240 86 52	<b>ROTTWEIL GAME EDITION PIGEON</b>	20/70	2.8	No. 6	30	100
240 33 64	<b>ROTTWEIL GAME EDITION HARE</b>	12/70	3.5	No. 3	36	25
240 33 66	<b>ROTTWEIL GAME EDITION CROW</b>	12/70	2.9	No. 5.5	34	25
240 33 68	<b>ROTTWEIL GAME EDITION DEER</b>	12/70	3.75	No. 2	38	10
240 66 01	<b>ROTTWEIL GAME EDITION PHEASANT</b>	12/67.5	2.7	No. 6	28	25
240 86 51	<b>ROTTWEIL GAME EDITION PHEASANT</b>	20/70	2.7	No. 6	28	25
240 54 50	<b>ROTTWEIL GAME EDITION GOOSE*</b>	12/76	3.25	No. 4	35	10
240 86 54	<b>ROTTWEIL GAME EDITION PARTRIDGE</b>	12/70	2.5	No. 7	32	25

\* Only for shotguns carrying steel proof marks

**ROTTWEIL EXTRA LINE CARTRIDGES WITH LEAD BUCKSHOT**

231 68 84	<b>ROTTWEIL EXPRESS</b>	12/67.5	4.5	(BBBB)	38 (70P)	10
231 68 85	<b>ROTTWEIL EXPRESS</b>	12/67.5	5.0	(AA)	35 (47P)	10
231 68 86	<b>ROTTWEIL EXPRESS</b>	12/67.5	6.2	(SSSG)	38 (27P)	10
231 68 87	<b>ROTTWEIL EXPRESS</b>	12/67.5	7.4	(SpSG)	28.5 (12P)	10
231 68 88	<b>ROTTWEIL EXPRESS</b>	12/67.5	8.6	(SG/LG)	33 (9P)	10
231 68 89	<b>ROTTWEIL EXPRESS</b>	16/67.5	7.4	(SpSG)	22 (9P)	10

**ROTTWEIL EXTRA LINE CARTRIDGES WITH SHOTGUN SLUGS**

231 68 90	<b>ROTTWEIL BRENNEKE MAGNUM</b>	12/76			39	5
231 68 91	<b>ROTTWEIL BRENNEKE CLASSIC MAGNUM</b>	12/70			31.5	5
231 68 92	<b>ROTTWEIL BRENNEKE Classic</b>	12/70			31.5	10
231 68 93	<b>ROTTWEIL BRENNEKE Classic</b>	12/67.5			31.5	10
231 68 97	<b>ROTTWEIL BRENNEKE Classic</b>	20/67.5			24	10
231 74 66	<b>ROTTWEIL EXACT MAGNUM</b>	12/76			32	5
231 71 55	<b>ROTTWEIL EXACT MAGNUM</b>	12/70			32	5
231 70 54	<b>ROTTWEIL EXACT MAGNUM</b>	20/76			26	5
231 70 51	<b>ROTTWEIL EXACT</b>	12/70			32	10
231 71 54	<b>ROTTWEIL EXACT</b>	12/67.5			32	10
231 70 52	<b>ROTTWEIL EXACT</b>	16/70			29	10
231 75 31	<b>ROTTWEIL EXACT</b>	16/67.5			29	10
231 70 53	<b>ROTTWEIL EXACT</b>	20/70			26	10

**NEW**

**NEW**

**NEW**

**NEW**

**NEW**

**NEW**

**NEW**

**NEW**

**NEW**

**NEW**

**NEW**



**ROTTWEIL STEEL LINE SOFT IRON CARTRIDGES**

Item No.		Gauge	Shot size in mm	Shot number	Shot weight in g	Ctg/box
<b>ROTTWEIL STEEL GAME HV- ONLY FOR SHOTGUNS CARRYING STEEL PROOF MARKS</b>						
231 69 09	<b>ROTTWEIL STEEL GAME HV</b>	12/70	3.0	No. 5	32	25
231 69 10	<b>ROTTWEIL STEEL GAME HV</b>	12/70	3.25	No. 4	32	25
231 69 11	<b>ROTTWEIL STEEL GAME HV</b>	12/70	3.5	No. 3	32	25
231 69 12	<b>ROTTWEIL STEEL GAME HV</b>	12/70	3.75	No. 2	32	25
231 69 15	<b>ROTTWEIL STEEL GAME HV</b>	20/70	3.25	No. 4	24	10
<b>ROTTWEIL STEEL GAME- ONLY FOR SHOTGUNS CARRYING STANDARD PROOF MARKS</b>						
231 69 18	<b>ROTTWEIL STEEL GAME</b>	12/70	2.6	No. 6.5	32	25
231 69 19	<b>ROTTWEIL STEEL GAME</b>	12/70	3.0	No. 5	32	25
231 69 20	<b>ROTTWEIL STEEL GAME</b>	12/70	3.25	No. 4	32	25
231 73 14	<b>ROTTWEIL STEEL GAME</b>	16/67.5	3.0	No. 5	26	10
231 69 22	<b>ROTTWEIL STEEL GAME</b>	20/70	2.6	No. 6.5	24	10
<b>ROTTWEIL STEEL GAME SPEED 28- ONLY FOR SHOTGUNS CARRYING STANDARD PROOF MARKS</b>						
231 69 80	<b>ROTTWEIL STEEL GAME SPEED 28</b>	12/70	3.0	No. 5	28	25
231 69 81	<b>ROTTWEIL STEEL GAME SPEED 28</b>	12/70	3.25	No. 4	28	25

**ROTTWEIL COMPETITION LINE LEAD CARTRIDGES**

241 04 80	<b>ROTTWEIL TRAP GOLD 24 HV</b>	12/70	2.4	No. 7.5	24	25
241 03 72	<b>ROTTWEIL SKEET GOLD 24 HV</b>	12/70	2.0	No. 9	24	25
241 04 78	<b>ROTTWEIL SPORT GOLD 24 HV</b>	12/70	2.2	No. 8	24	25
241 04 79	<b>ROTTWEIL SPORT GOLD 28 HV</b>	12/70	2.2	No. 8	28	25
241 04 81	<b>ROTTWEIL SKEET STREU GOLD 24 HV</b>	12/70	2.0 ⊗	No. 9	24	25
240 51 53	<b>ROTTWEIL SPECIAL SKEET</b>	12/70	2.0	No. 9	24	25
231 92 17	<b>ROTTWEIL SPECIAL SPORT</b>	12/70	2.2	No. 8	24	25
231 91 04	<b>ROTTWEIL SPECIAL TRAP</b>	12/70	2.4	No. 7.5	24	25
231 91 05	<b>ROTTWEIL SPECIAL TRAP</b>	12/70	2.4	No. 7.5	28	25
231 94 69	<b>ROTTWEIL SPECIAL SKEET STREU</b>	12/67.5	2.0 ⊗	No. 9	24	25
231 50 65	<b>ROTTWEIL SPECIAL SKEET STREU</b>	12/67.5	2.0 ⊗	No. 9	28	25
231 81 10	<b>ROTTWEIL SUBSONIC TRAP 28</b>	12/67.5	2.4	No. 7.5	28	25
231 69 34	<b>ROTTWEIL FASAN FF</b>	12/67.5	2.4	No. 7.5	28	25
231 69 35	<b>ROTTWEIL FASAN FF</b>	16/67.5	2.0	No. 9	28	25
231 69 36	<b>ROTTWEIL FASAN FF</b>	16/67.5	2.4	No. 7.5	28	25
231 69 37	<b>ROTTWEIL FASAN FF</b>	20/67.5	2.0	No. 9	24	25
231 69 38	<b>ROTTWEIL FASAN FF</b>	20/67.5	2.4	No. 7.5	24	25

**ROTTWEIL COMPETITION LINE SOFT IRON CARTRIDGES**

<b>ROTTWEIL COMPETITION STEEL CARTRIDGES - FOR SHOTGUNS CARRYING STANDARD PROOF MARKS</b>						
231 91 02	<b>ROTTWEIL STEEL SKEET HV</b>	12/70	2.2	No. 8	24	25
231 91 03	<b>ROTTWEIL STEEL TRAP HV</b>	12/70	2.5	No. 7	24	25
231 91 01	<b>ROTTWEIL STEEL TRAP HV</b>	12/70	2.5	No. 7	28	25








You can find out everything about our Rottweil brand shotshells at: [rws-ammunition.com](http://rws-ammunition.com) → About us → Hunting → Rottweil











**RWS RIMFIRE CARTRIDGES**

Product	Item No.	Calibre/Use	Ctg./box
 Without ball	213 16 41	4 mm short	100
 With No. 7 ball	213 16 76	4 mm short	100
 Without ball	213 16 68	4 mm long	100
 Plus without ball	231 76 96	4 mm long	100
 With No. 7 ball	213 16 84	4 mm long	100

**RWS FLOBERT CARTRIDGES**

 Flobert Ball Bullet BB	231 93 55	6 mm	150
 Flobert Conical Bullet CB	231 93 56	6 mm	150
 Flobert Ball Bullet BB	213 09 98	9 mm	50
 Flobert Conical Bullet CB	213 10 05	9 mm	50
 Flobert Double Shot	213 20 95	9 mm 1.9 mm No. 10	50

**RWS BLANK CARTRIDGES**

	211 90 64	8x57 IS Blank	50
---	-----------	---------------	----

**RWS LIVESTOCK STUN BLANKS**

 for small livestock	*231 74 26	9x17 mm green	50
 for large livestock	*231 74 25	9x17 mm yellow	50
 for bulls and oxen	*231 74 28	9x17 mm blue	50
 for heaviest livestock	*231 74 27	9x17 mm red	50

**RWS SHOTGUN BLANKS**



	213 48 45	Gauge 12	10
	213 48 53	Gauge 16	10



**GECO BLANK CARTRIDGES**

Product	Item No.	Calibre/Use	Ctg./box
	*231 86 31	6 mm Flobert Blank	100
	*231 86 30	.22 long Blank	50
	*231 73 19	8 mm Blank	50
	*231 75 30	9 mm PA Blank	25
	*231 73 22	9 mm PA Blank	50
 With extra-bright flash	*231 76 95	9 mm PA Blank Super Flash	25
	*231 86 38	9 mm R Blank (BP-RK)	50
	*231 75 08	9 mm R Blank (Nitro-RB)	50

**GECO PLASTIC BLANK / DUMMY CARTRIDGES**

	212 82 84	9 mm Luger	Blank	50
	*231 76 08	9 mm Luger	Dummy	50

Products marked \* can be purchased without licence.





# RELOADING

The ammunition counts

Handloading or reloading, the 'custom making' of their own cartridges offers both game and target shooters completely new possibilities. Alone the feeling of adjusting the cartridge exactly to their own needs by using first-class components is already a big thing for many. Apart from that, shooting becomes cheaper and the self-loader makes valuable experience with regard to ammunition and weapon.



Item No.	Primer-No.	Ø mm	Type	Suitability	Ctg./box	Sales pack.
----------	------------	------	------	-------------	----------	-------------

### RWS-ANVIL PRIMERS SINOXID (in slide-out packages)

210 22 50	<b>4031</b>	<b>4.45</b>	small pistols	6.35; 7.65; 9 mm Luger; .32 S&W long; .38 S&W; .38 Special; .40 S&W; .357 Mag.	250	2500
210 30 60	<b>4047</b>	<b>4.45</b>	small pistols, Magnum	9 mm Luger; .32 S&W long; .38 Special; .40 S&W; .357 Mag.	250	2500
210 23 15	<b>5337</b>	<b>5.33</b>	small pistols	.45 Auto; .45 Colt; .44-40; .44 Mag.; .41 Mag.	250	2500
210 22 85	<b>4033</b>	<b>4.45</b>	small rifle	.22 Hornet; .222 Rem.; 5.6 x 50 5.6 x 50 R; .30 Carbine; .223	250	2500
210 23 58	<b>5341</b>	<b>5.33</b>	large rifle	5.6 x 52 R; 5.6 x 57; .243 Win.; 6.5 x 57; 7 x 57 R; 7 x 64; 8 x 57 IS; .404	250	2500
210 23 90	<b>5333</b>	<b>5.33</b>	large rifle cartridges, Magnum	6.5 x 68; 7 x 64; 7 mm Rem.Mag.; 8 x 68 S	250	2500

### RWS-ANVIL PRIMERS - LEAD FREE (in slide-out packages)

GreenFire Technology

231 56 19	<b>4066</b>	<b>4.45</b>	small pistols	6.35; 7.65; 9 mm Luger; .40 S&W; .32 S&W long; .38 S&W; .38 Special; .357 Mag.	250	2500
-----------	-------------	-------------	---------------	--	-----	------

### RWS-BERDAN PRIMERS SINOXID (in collapsible packages)

210 43 34	<b>4506</b>	<b>4.50</b>	small pistols	6.35 mm; 7.65 mm; 9 mm short etc.	250	2000
210 43 50	<b>4521</b>	<b>4.50</b>	small pistols	9 mm Luger etc.	250	2000
210 43 85	<b>5005</b>	<b>5.00</b>	large rifle	diverse pistol cartridges, not standardised	250	2000
210 44 23	<b>5620</b>	<b>5.50</b>	large rifle cartridges	from 6.5 to 9.3 mm etc.	250	2000

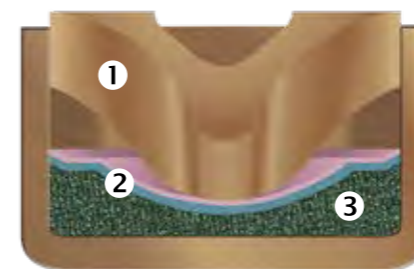
### RWS PERCUSSION CAPS FOR MUZZLE LOADERS SINOXID (in tins)

231 93 54	<b>1075</b>	<b>4.47</b>	ribbed	muzzle-loader	250	2500
231 93 53	<b>1075</b>	<b>4.47</b>	ribbed plus (heightened)	muzzle-loader	250	2500
210 38 93	<b>1218</b>	<b>5.90</b>	firing hammer		200	1000
210 52 76	<b>1081</b>	<b>6.12</b>	muzzle-loader		200	1000

### RWS-PRIMER SINOXID (in slide-out packages)

210 14 91	<b>7213</b>	<b>6.17</b>	medium ignition 209 S	shotgun cartridges	100	1000
210 16 88	<b>7002</b>	<b>5.68</b>	ignition VI	shotgun cartridges	100	1000

These products can be purchased without licence.



Schematic sectional view:

- ① Anvil
- ② lacquered coating
- ③ priming material

## THREE.... TWO.... ONE.... IGNITION

RWS primers are manufactured in a modern advanced production system and are subject to demanding quality control tests. The production is done in the order of punching, cup drawing, priming compound fill, drying and compression as well as pressing in of the anvil. It is accompanied by integrated automatic quality inspections. With the latest optoelectronic testing equipment the deviations in the construction and dimensional accuracy are checked. The priming sensitivity of our primers is adjusted in a way that the ignition is caused with a 100 % certainty at a sufficiently deep and central impact of the firing pin of the weapon.









## RIFLE CARTRIDGE BULLETS










Worldwide RWS is the only major manufacturer of rifle cartridges who offers hunting bullets exclusively from their own production. With more than ten different game bullets and various others for military, police and sporting purposes, RWS is sure to have the widest range of bullets available.

RWS use the most modern production methods to ensure highest dimensional stability and a flawless surface structure. Only bullets that comply with the strict internal RWS specifications arrive at the gun dealers.






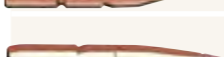


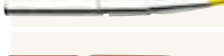

Item No.	Type	Weight g gr	Dia.	bullets/ box
<b>CALIBRE 5.6 MM</b>				
	214 61 77 <b>TMS</b>	3.0 46	.224	100
	214 57 82 <b>MJ</b>	3.0 46	.224	100
	214 68 43 <b>MJ</b>	3.0 46	.224	1000
	214 58 47 <b>VMS</b>	3.0 46	.224	100
	214 56 50 <b>TMS</b>	3.24 50	.224	100
	231 33 43 <b>MJ</b>	3.4 52	.224	100
	231 33 44 <b>MJ</b>	3.4 52	.224	1000
	214 59 60 <b>TMS</b>	3.6 55	.224	100
	214 57 90 <b>TMS</b>	4.1 63	.224	100
	214 62 31 <b>KS</b>	4.8 74	.224	50
	214 56 42 <b>TMS</b>	4.6 71	.228	50

Item No.	Type	Weight g gr	Dia.	bullets/ box
<b>CALIBRE 6 MM</b>				
	214 64 36 <b>KS</b>	6.2 96	.243	50
	214 56 77 <b>TMS</b>	6.5 100	.243	50


Item No.	Type	Weight g gr	Dia.	bullets/ box
<b>CALIBRE 6.5 MM</b>				
	240 74 46 <b>EVO GREEN</b>	6.0 93	.264	50
	214 64 60 <b>KS</b>	8.2 127	.264	50
	231 14 63 <b>DK</b>	9.1 140	.264	50
	214 56 85 <b>TMR</b>	10.3 159	.264	50


Item No.	Type	Weight g gr	Dia.	bullets/ box
<b>CALIBRE 7 MM</b>				
	214 62 90 <b>KS</b>	8.0 123	.284	50
	231 85 20 <b>EVO GREEN</b>	8.2 127	.284	50
	241 10 37 <b>SPEED TIP PRO</b>	9.7 150	.284	50
	231 59 60 <b>EVO</b>	10.3 159	.284	50
	214 62 58 <b>KS</b>	10.5 162	.284	50
	214 55 29 <b>ID Classic</b>	10.5 162	.284	50
	214 57 07 <b>TMR</b>	11.2 173	.284	50
	214 60 29 <b>HMK</b>	11.2 173	.284	50
	214 55 37 <b>ID Classic</b>	11.5 177	.284	50


Item No.	Type	Weight g gr	Dia.	bullets/ box
<b>CALIBRE .270</b>				
	214 59 95 <b>HMK</b>	8.4 130	.277	50
	214 64 28 <b>KS</b>	9.7 150	.277	50


Item No.	Type	Weight g gr	Dia.	bullets/ box
<b>CALIBRE 7.62 MM / .30</b>				
	231 85 21 <b>EVO GREEN</b>	8.8 136	.308	50
	214 63 04 <b>KS</b>	9.7 150	.308	50
	214 54 80 <b>ID Classic</b>	9.7 150	.308	50
	241 10 35 <b>SPEED TIP PRO</b>	10.7 165	.308	50
	214 63 71 <b>KS</b>	10.7 165	.308	50
	214 60 45 <b>DK</b>	10.7 165	.308	50
	214 60 10 <b>HMK</b>	11.7 181	.308	50
	214 54 99 <b>UNI Classic</b>	11.7 181	.308	50
	231 59 59 <b>EVO</b>	11.9 184	.308	50
	214 62 07 <b>KS</b>	13.0 200	.308	50
	231 47 19 <b>UNI Classic</b>	13.0 200	.308	50


Item No.	Type	Weight g gr	Dia.	bullets/ box
<b>CALIBRE 8 MM S</b>				
	231 85 22 <b>EVO GREEN</b>	9.0 139	.323	50
	214 64 44 <b>KS</b>	11.7 181	.323	50
	214 60 53 <b>HMK</b>	12.1 187	.323	50
	214 55 10 <b>ID Classic</b>	12.8 198	.323	50


Item No.	Type	Weight g gr	Dia.	bullets/ box
	231 74 11 <b>EVO</b>	13.0 200	.323	50


Item No.	Type	Weight g gr	Dia.	bullets/ box
<b>CALIBRE 8.6 MM</b>				
	241 10 38 <b>SPEED TIP PRO</b>	16.2 250	.338	50


Item No.	Type	Weight g gr	Dia.	bullets/ box
<b>CALIBRE 9.3 MM</b>				
	231 85 23 <b>EVO GREEN</b>	11.9 184	.366	50

Item No.	Type	Weight g gr	Dia.	bullets/ box
	214 60 02 <b>DK</b>	14.6 226	.366	50


Item No.	Type	Weight g gr	Dia.	bullets/ box
	214 64 52 <b>KS</b>	16.0 247	.366	50

Item No.	Type	Weight g gr	Dia.	bullets/ box
	214 60 88 <b>HMK</b>	16.7 258	.366	50

Item No.	Type	Weight g gr	Dia.	bullets/ box
	214 57 74 <b>TMR</b>	18.5 285	.366	50

Item No.	Type	Weight g gr	Dia.	bullets/ box
	231 74 12 <b>EVO</b>	18.8 291	.366	50

Item No.	Type	Weight g gr	Dia.	bullets/ box
<b>CALIBRE 10.3 MM</b>				
	214 58 71 <b>KS</b>	16.4 253	.413	50

Item No.	Type	Weight g gr	Dia.	bullets/ box
<b>CALIBRE .375</b>				
	214 59 28 <b>UNI Classic</b>	19.5 301	.375	50

These products can be purchased without licence.

**Explanations:**  
 TMS = Soft Point with pointed tip  
 TMR = Soft Point with round tip  
 MJ = Hunting Match with hollow point  
 VMS = Full Metal Jacket with pointed nose  
 KS = Kegelspitz  
 DK = Doppelkern  
 HMK = H-Mantel



## CASES

Rifle cartridge cases must withstand extreme pressures of up to 7,000 bar and experts consider them to be the life insurance of the shooter. To maintain the highest levels of quality and safety we have developed a series of demanding quality control tests. At the beginning of the production process samples are taken from every batch, loaded and exposed to excessive stress tests:

- With 10 % overpressure in specially prepared test barrels with partially inadmissible headspaces of 0.2 mm and 0.4 mm. To simulate rifles that are still being used although possibly shot out.
  - With 30 % overpressure in test barrels that are made according to CIP specifications.
- A case that passes this quality control is of special format. It is a RWS.



## RWS RIFLE CASES FOR BOXER PRIMERS

Item No.	Calibre	Cases/box
214 44 68	<b>.22 Hornet</b>	20
214 45 06	<b>.222 Rem.</b>	20
214 45 22	<b>.223 Rem.</b>	20
214 46 03	<b>5.6 x 50 Magnum</b>	20
214 45 81	<b>5.6 x 50 R Magnum</b>	20
214 45 57	<b>5.6 x 52 R</b>	20
214 45 73	<b>5.6 x 57</b>	20
214 46 46	<b>6.5 x 55 SE</b>	20
214 46 38	<b>6.5 x 57</b>	20
214 46 54	<b>6.5 x 57 R</b>	20
214 46 62	<b>6.5 x 65 RWS</b>	20
214 46 70	<b>6.5 x 65 R RWS</b>	20
214 46 89	<b>6.5 x 68</b>	20
214 47 19	<b>.243 Win.</b>	20
214 47 27	<b>.270 Win.</b>	20
214 44 84	<b>7 x 57</b>	20
214 44 92	<b>7 x 57 R</b>	20

Item No.	Calibre	Cases/box
214 48 08	<b>7 x 64</b>	20
214 48 32	<b>7 x 65 R</b>	20
214 48 75	<b>7 mm Rem. Magnum</b>	20
214 44 33	<b>.30-06</b>	20
214 47 51	<b>.308 Win.</b>	20
214 47 94	<b>.30 R Blaser</b>	20
214 47 78	<b>.300 Win. Mag.</b>	20
214 49 48	<b>8 x 57 JS</b>	20
214 49 80	<b>8 x 57 JRS</b>	20
214 50 30	<b>8 x 68 S</b>	20
214 50 49	<b>8.15 x 46 R</b>	20
214 50 81	<b>9.3 x 62</b>	20
214 51 03	<b>9.3 x 64</b>	20
214 51 46	<b>9.3 x 74 R</b>	20
214 51 97	<b>10.3 x 60 R</b>	20
214 51 62	<b>.375 H &amp; H Mag.</b>	20

These products can be purchased without licence.



## RELOADING

### RIFLE CARTRIDGE BULLETS

Item No.	Type	Weight g	gr	Dia.	Bullets/box
----------	------	----------	----	------	-------------

#### CALIBRE .243

214 58 55	<b>TM</b>	6.8	105	.243	50

#### CALIBRE 6.5 MM

231 85 68	<b>TM</b>	10.1	156	.264	50

231 85 62	<b>Plus</b>	10.1	156	.264	50

#### CALIBRE 7 MM

214 54 05	<b>TM</b>	10.7	165	.284	50

231 85 63	<b>Plus</b>	11.0	170	.284	50

#### CALIBRE .30

214 54 13	<b>TM</b>	11.0	170	.308	50

231 85 64	<b>Plus</b>	11.0	170	.308	50

#### CALIBRE 8 MM S

214 54 21	<b>TM</b>	12.0	185	.323	50

231 85 65	<b>Plus</b>	12.7	196	.323	50

These products can be purchased without licence.

Item No.	Type	Weight g	gr	Dia.	Bullets/box
----------	------	----------	----	------	-------------

#### CALIBRE 9.3 MM

214 54 48	<b>TM</b>	16.5	255	.366	50

231 85 66	<b>Plus</b>	16.5	255	.366	50

### ANVIL PRIMERS

**NEW**



Item No.	Type	Ø mm	Suitability	Calibre	pcs/box	Sales pack.
240 94 51	Small Pistol primer	4.45	small pistol	6.35 7.65 9 mm Luger 9x21 .32 S&W long .38 Special WC .38 Special .38 Super Auto .40 S&W .357 Mag.	250	2500
240 94 52	Small Rifle primer	4.45	small rifle	.22 Hornet .222 Rem. 5.6 x 50 5.6 x 50 R .30 Carbine .223 Rem.	250	2500

### ROTTWEIL X-HARD SHOT











Item No.	Shot size	Shot number		Bag wt. kg
231 77 24	<b>2.0 mm</b>	9	Lead	5 kg
231 77 25	<b>2.4 mm</b>	7.5	Lead	5 kg
231 77 26	<b>3.0 mm</b>	5	Lead	5 kg

### GECO CASES FOR PISTOL AND REVOLVER CARTRIDGES

Item No.	Calibre	Cases/box
231 81 29	<b>9mm Luger</b>	100
231 81 30	<b>9mm Luger</b>	1000
231 81 31	<b>.38 Super Auto</b>	100
231 81 32	<b>.38 Super Auto</b>	1000
231 81 33	<b>.40 S&amp;W</b>	100
231 81 34	<b>.40 S&amp;W</b>	1000

Item No.	Calibre	Cases/box
231 81 35	<b>.45 Auto</b>	100
231 81 36	<b>.45 Auto</b>	1000
231 81 37	<b>.38 Special</b>	100
231 81 38	<b>.38 Special</b>	1000
231 81 39	<b>.357 Mag</b>	100
231 81 40	<b>.357 Mag</b>	1000

### GECO BULLETS FOR PISTOL AND REVOLVER CARTRIDGES

	Item No.	Calibre	Style	Weight		Dia.	Bullets/Box
				g	gr		
	240 04 00 240 04 01	<b>9mm</b>	FMJRN	8.0	124	.355	200 1500
	231 90 10 231 90 11	<b>9mm</b>	HEXAGON	8.0	124	.355	200 1500
	231 81 47 231 81 48	<b>9mm</b>	FMJFN	10.0	154	.355	200 1500
	231 81 49	<b>9mm</b>	HP	7.5	115	.355	200
	231 81 50 231 81 51	<b>.40 S&amp;W</b>	FMJFN	11.7	180	.401	200 1500
	231 81 53	<b>.45 Auto</b>	FMJRN	14.9	230	.451	200
	231 81 54	<b>.45 Auto</b>	HP	14.9	230	.451	200
	231 81 55 231 81 56	<b>.38 SP/.357 Mag.</b>	FMJFN	10.2	158	.357	200 1500
	231 81 57	<b>.38 SP/.357 Mag.</b>	HP	10.2	158	.357	200
	231 94 83 231 94 84	<b>.38 SP/.357 Mag.</b>	HEXAGON	11,7	180	.357	200 1500



### POWDER

There is a suitable type of powder for every purpose – it is gelatinized nitrocellulose, partially with special additives. Basic materials, form and final treatment decide whether it burns slowly or fast, and how well it functions with the different calibres and bullets. You differentiate between monobasic, bibasic and tri-basic propellant powders. Powder that is made of pure nitrocellulose is called monobasic. In case of ammunition with relatively low bullet weight but high muzzle velocity, i. e. with high-performance ammunition with extended trajectory, the energy of pure nitrocellulose is no longer sufficient. It is increased by adding higher energy like nitro-glycerine or similar materials. All propellant powders are without exception subject to the requirements of the law on explosives. We buy our propellant powders from renowned European powder manufacturers. Before their use we test them in the chemistry lab against deterioration whether the specific features of the powder type has been preserved.



### FOR RIFLE CARTRIDGES

Product	Amount	Item No.
<b>R 901</b>	<b>Canister 500 g</b>	<b>240 71 91</b>
Offensive powder, e.g. for the .222 Rem. 5.6 x 50 (R) Magnum cartridges. This powder is primarily suitable for small capacity cases when light bullets are used. In addition, it is also suitable for producing reduced loads with light to medium weight bullets.		
<b>R 902</b>	<b>Canister 500 g</b>	<b>240 71 92</b>
This powder burns slower than the R 901 and is therefore suitable for many types of cases ranging from the .222 Rem. to the 9.3 x 74 R. It is generally considered to be suitable for medium cases and light to medium-weight bullets as well as for short barrels.		
<b>R 903</b>	<b>Canister 500 g</b>	<b>240 71 93</b>
This is the universal powder for all medium-sized rifle cartridges and bullets of normal weight. It is suitable for calibres ranging from 5.6 x 50 to 9.3 x 74 R. Decisive for the universality of R 903 is not only its adoptability to many different types of case forms, but also its flexibility in terms of the ignition, which still leads to uniform and complete burn-up of the powder even when the load has a low density.		

Product	Amount	Item No.
<b>R 904</b>	<b>Canister 500 g</b>	<b>240 71 94</b>
This powder burns more slowly than the R 907 and can possibly cause weaker gas pressure in suitable cases while at the same time exhibiting the same performance. In comparison to the next slower R 905 Rottweil Powder, the extremely progressive powder of the Rottweil product range, the R 904 has the advantage of requiring less volume. Thus, if the case volume is limited, better performance can be achieved.		
<b>R 905</b>	<b>Canister 500 g</b>	<b>240 71 95</b>
This is the most progressive powder in the Rottweil product range and is particularly well suited for loading large volume high-performance cartridges when heavy bullets are to be shot from long barrels. The range of application extends from 5.6 x 57 to 8 x 68 S and other Magnum cartridges.		
<b>R 907</b>	<b>Canister 500 g</b>	<b>240 71 96</b>
In terms of its burn-up rate, the R 907 is between the R 903 and the R 904. It fills the relatively large void between the two types of powder. Load data has been recorded for several different calibres. It appears to be particularly well suited for 8 mm cartridges (.318 diameter).		



Warning - Fire or projection hazard. - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. - Keep only in original packaging. - Wear protective gloves/protective clothing/eye protection/face protection. - In case of fire: Explosion risk. Evacuate area. DO NOT fight fire when fire reaches explosives.



**NEW**

**WELCOME TO THE WORLD OF GECO OPTICS!**

Gustav Genschow & Co. (GECO) started selling binoculars under the GECO brand back in the 1930s. Following on from this tradition, GECO today offers binoculars and riflescopes in the highest optical and mechanical quality at a uniquely unbeatable price. They are focused and adapted to the most exacting demands of hunters, sports shooters and nature lovers and can be used anywhere, true to the motto: **"GECO - ALL YOU NEED"**.



**OPTICS**

**GECO**

GECO offers the ideal introduction to the field of high-quality riflescopes and observation optics. A modern design, the use of selected materials and a level of optical and mechanical quality and performance that is unparalleled in this price class define a new standard. Despite their extremely compact and lightweight form,

technical precision coupled with practical suitability for hunting and durability were the priorities during their development. With their focus on what is essential, these products are the perfect companions in any hunting situation.

**GECO GOLD**

GECO Gold optics stand for the highest levels of quality and performance. State-of-the-art coating technologies combined with the use of special types of glass and other high-quality materials define this portfolio of optical products with their outstanding performance characteristics. Transmission values, fields of view, edge

definition and exit pupils compare favourably with premium class optics. Optimum ergonomics and an extremely compact and lightweight design are combined with the unrivalled value for money that GECO is renowned for. GECO Gold products stand for maximum reliability in any hunting situation.

**GECO BLACK**

GECO Black optics take the extremely high optical quality standard of GECO Gold one step further. They also offer unbeatable value for money that is unparalleled in this class. These products were especially developed for sporting and tactical shooting. High zoom

ratios, ballistic solutions, reticles in the 1st image plane and a central tube diameter of up to 34 mm define this class of very compact products. All the optical elements have a lens thread and are supplied with a flip cover as standard.

HD glass for images with maximum brilliance	34mm central tube diameter for large adjustment ranges	Hard-shell carry case for maximum protection during transport	<b>GECOcontrol</b> – intelligent automatic shutoff for maximum energy efficiency
ED glass for razor-sharp images	Tactical turret for fast and accurate bullet drop compensation	<b>5 YEARS GUARANTEE</b> – 5-year guarantee (warranty on electronic components limited to 24 months)	<b>GECOtrac</b> – height elevation and target turret in one
Extended field of view for optimum observation	Tool-free resetting for ultra-fast locking	<b>10 YEARS GUARANTEE</b> – 10-year guarantee (warranty on electronic components limited to 24 months)	<b>GECO TR1</b> – Accurate long-range shooting without reticle adjustments
Lightweight, rugged magnesium housing	Extremely ergonomic thanks to the microbridge	<b>GECObright</b> – maximum transmission in even the most adverse lighting conditions	With integral rangefinder <b>243 m</b>
Eyecups made from highest-quality aluminium	Central focusing with integrated dioptre adjustment makes handling easy	<b>GECOdrop</b> – dirt- and water-repellent, hydrophobic coating for clear sight	Diverse measuring options: distance, angle, ballistic range <b>340 m 300 m</b>
Reticle in the first image plane for tactical shooting	Lightweight construction for optimum handling	<b>GECOdot</b> – minimum target coverage	

## GECO Red dot sights

### RED DOT 1x20

The ideal companion for driven hunts over difficult terrain. The finely dimmable illuminated dot with a diameter of 2 MOA facilitates quick, intuitive and reliable target acquisition in every situation. The built-in weaver mount means the GECO Red Dot can be attached quickly and easily.



**NEW FOR SUMMER 2019** **RED DOT 1x20 GenII**

The new, waterproof GECO Red Dot 1x20 Gen II is a reliable companion for driven game hunts in any weather. The sight comes standard with clear flip-up covers so that a clear view can be had at any time. The adjustable 2 MOA red dot, which has 11 settings, helps to define the target quickly – even under difficult lighting. Through the use of modern low-energy technology, battery life can be as long as 30,000 hours! The sight can be quickly and securely mounted with its integral Weaver base.



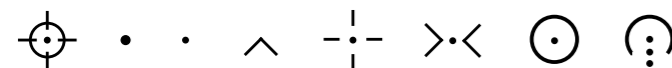
### OPEN RED DOT SIGHT

The new GECO Open Red Dot Sight is exceptionally compact, lightweight and at the same extremely robust. With its open field of view, it is the optimal companion on driven hunts for targets at short and medium distances with intuitive target acquisition. The fine 2 MOA dot is adjustable to six brightness levels. The specially coated and scratch-resistance glass lens prevents reflections. Replacing batteries is exceedingly user-friendly and can be done on the side compartment even when mounted, using commercially available mounting adapters on all bases. ATTENTION: Not suitable for use on handguns!



### MULTIDOT

The GECO MultiDot is a robust and exceptionally flexible red dot sight. It has the capacity to switch between 8 different reticles (3 or 10 MOA dot, circle dot, etc.) in either green or red without having to zero in again. There are five brightness settings, and the batteries are accessible from the side even when mounted. The integrated quick-release mount allows for fast mounting on Weaver/Picatinny rails.



#### GECO Red dot sights

Item no.	Product	Reticle	Field of view at 100 m	Central tube Ø	Overall length	Weight approx.
231 92 19	<b>Red Dot 1x20</b>	2 MOA Dot	100 m	30 mm	67 mm	130 g
241 07 26	<b>Red Dot 1x20 GenII</b>	2 MOA Dot	100 m	20 mm	68 mm *	112 g
240 71 55	<b>Open Red Dot Sight</b>	2 MOA	100 m	19x23 mm	46 mm	30 g
240 71 56	<b>MultiDot</b>	Changing reticle	100 m	33x24 mm	95 mm	260 g

\* with flip-up-covers: 82 mm

GECO optics are not yet available in all countries. Please ask your dealer.

**NEW**

## GECO Riflescopes

The wide range of GECO riflescopes offers a riflescope for practically every imaginable situation. From tracking to hunting from a blind to driven hunts, from daytime to dusk and even nighttime hunting, but also for long range shots and sport shooting.

The range includes riflescopes with 3x, 4x and 5x zoom, leaving little to be desired.

The 3x zoom riflescopes catch the eye with their slender and extremely compact length and low weight. The imperial optics from this range are excellently suited to be mounted on older mounts or weapons with a narrow build. The excellent optical quality is reflected in the very good fields of view and high transmission

values. Large lens diameters ensure sufficient light reserves that extend into twilight. The illuminated GECOdot with automatic shut-off and the integrated GECOtrac target turret are unique features in this class.

### 3-9x42/40i

This all-rounder has proven its worth for decades and is extremely compact and easy to handle, making it ideal for stalking or sitting game. Thanks to its illuminated reticle and greater lens diameter, it is also suitable for twilight hunting.



fig. 3-9x40i

### 4-12x42/50i

Higher magnification renders precise shooting over long distances. Thanks to the large lens diameter and illuminated reticle, it is also ideal in adverse lighting conditions.



fig. 4-12x50i

The 4x zoom riflescopes have a central tube diameter of 30 mm and stand out thanks to their optical performance specs for transmission, field of view and exit pupil. With the 3-12x56 and the

6-24x50, the range includes two absolute classics with outstanding performance specs for this price class.

### 3-12x56/56i

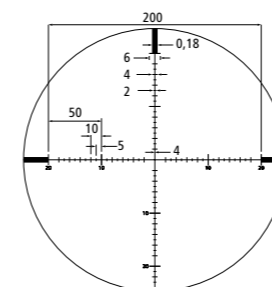
The classic all-rounder for hunting from a blind and nighttime hunting. Its 56 mm diameter lens, high transmission, and illuminated reticle offer increased reliability, even in extremely unfavourable lighting.



fig. 3-12x56i

### 6-24x50

The specialist for long distances. Its high magnification is perfect for accurate shooting at long distances. This is supported by the GECO TR1 reticle and the high optical performance allows the recognition of even the finest details at long distances.



Reticle GECO TR1

**NEW**

## GECO Riflescopes

The 5x zoom riflescopes with a central tube diameter of 30 mm stand out for their optimized zoom factor and thus increased flex-

ibility and versatility without sacrificing their high optical performance.

### 1-5x24i

The perfect companion for driven hunts. Its large field of view ensures the shooter always has the ideal overview and provides increased safety. The 5x zoom enables fast shooting even at long distances.



### 3.5-18x56i

This rifle scope ensures you are always ready for near or far shots. Even in unfavourable lighting, thanks to its large lens diameter and the illuminated reticle. The focus here is on its flexibility and high optical performance.



#### GECO Riflescopes

Item no.	Product	Reticle	Field of view at 100 m	Central tube Ø	Overall length	Weight approx.
240 37 11	<b>3-9x42</b>	Plex	15.0 – 5.5 m	1"	300 mm	400 g
240 37 13	<b>3-9x40i</b>	4	12.0 – 4.0 m	1"	317 mm	428 g
240 37 14	<b>4-12x42</b>	Plex	11.0 – 4.5 m	1"	310 mm	390 g
240 37 15	<b>4-12x50i</b>	4	9.0 – 3.0 m	1"	336 mm	516 g
240 64 72	<b>3-12x56</b>	4	12.5 – 3.0 m	30 mm	340 mm	674 g
240 64 75	<b>3-12x56i</b>	4	12.5 – 3.0 m	30 mm	340 mm	674 g
240 64 71	<b>6-24x50</b>	TR1	5.6 – 1.5 m	30 mm	362 mm	750 g
240 64 76	<b>1-5x24i</b>	4	37.0 – 6.0 m	30 mm	260 mm	550 g
240 64 77	<b>3.5-18x56i</b>	4	11.8 – 2.2 m	30 mm	335 mm	850 g

GECO optics are not yet available in all countries. Please ask your dealer.

**NEW**

## GECO Binoculars

The binoculars in the GECO range offer the perfect introduction to high-quality observation optics with unbeatable value for money. The slimline, ergonomic design has been combined with high-quality materials. The entire housing is made of magnesium. Thanks to ED glass, multi-layer coating and adjusted optical calculation, they offer wide fields of view, high edge definition and excellent trans-

mission values as well as a shortened close focus. Their ruggedness, low weight and optical performance make them unrivalled representatives of their type.

All models come with a tripod mount, carry strap and hard case.

### 8x32/10x32

The perfect companion for virtually every observation scenario. Extreme compactness and low weight make for optimum handling. Their optics deliver razor-sharp images in good ambient light.



fig. 8x32

### 8x42/10x42

Thanks to a wide field of view, they offer an excellent overall view coupled with a steady image. A greater lens diameter, ED glass and GECObright multi-layer coating create sufficient light reserves for use into advanced twilight.



fig. 8x42

### 8x56/10x56

Both powerful and effective. The compact and lightweight design combined with the very large fields of view and the large exit pupil make spotting a relaxed activity. The high transmission values create bright and high-contrast images for hunting until nearly nightfall.



fig. 8x56



#### GECO Binoculars

Item no.	Product	Exit pupil	Field of view at 100 m	Close focus	Overall length	Weight approx.
240 37 24	8x32	4	136 m	2	125 mm	500 g
240 37 25	10x32	3.28	105 m	2.5	125 mm	500 g
240 37 26	8x42	5.25	142 m	2	145 mm	670 g
240 37 27	10x42	4.2	113 m	2.5	145 mm	670 g
240 37 28	8x56	7	129 m	2.3	192 mm	1200 g
240 37 29	10x56	5.6	114 m	2.5	192 mm	1200 g

**NEW**

## GECO GOLD Riflescopes

The GECO Gold riflescopes combine high zoom ratios with outstanding optical performance. They offer flexible use in virtually any hunting situation and in the most adverse lighting conditions, delivering excellent performance in terms of transmission, field of view and exit pupil. This is made possible by the use of state-of-the-art multi-layer coatings and optical calculations. Apart from the fine GECOdot illuminated dot, emphasis was placed on a large

adjustment range and tool-free resetting together with an integrated GECOtrac target turret.

**The extremely compact form is made from high-quality materials and includes an integrated lens thread. The high level of quality and reliability is reflected in the 10-year guarantee.**

### 1-6x24i

The specialist for drive or big game hunting. Its wide field of view ensures fast and reliable target acquisition. The 6x zoom also makes precise, medium-distance shooting possible.



### 2.5-15x50i/56i

The all-rounder for virtually any hunting scenario. Thanks to parallax adjustment, the zoom ratio and field of view enable use ranging from drive hunting to precise distance shooting. A large lens diameter offers maximum accuracy in even the most adverse conditions.



fig. 2.5-15x50i

### 1-8x24i

This all-rounder covers the full range: from drive hunting to long-distance shooting. Maximum zoom ratio, wide field of view, fine illuminated dot and large exit pupil offer maximum accuracy.



#### GECO GOLD Riflescopes

Item no.	Product	Reticle	Field of view at 100 m	Central tube Ø	Overall length	Weight approx.
240 37 18	<b>1-6x24i</b>	4	38.0 – 6.0 m	30 mm	269 mm	530 g
240 37 19	<b>2.5-15x50i</b>	4	14.4 – 2.5 m	30 mm	381 mm	700 g
240 37 20	<b>2.5-15x56i</b>	4	15.0 – 2.5 m	30 mm	381 mm	780 g
240 37 21	<b>1-8x24i</b>	4	36.0 – 4.5 m	30 mm	273 mm	610 g

GECO optics are not yet available in all countries. Please ask your dealer.

**NEW**

## GECO GOLD Binoculars

The binoculars in the GECO Gold line are members of the absolute premium class. HD glass optical design combined with state-of-the-art multi-layer coating results in outstanding optical performance in terms of transmission, edge definition, close focus and colour reproduction. Thanks to the GECOdrop hydrophobic coating, all optics are dirt- and water-repellent. The innovative micro-bridge results in a high-quality and particularly ergonomic design. A magnesium housing, a coated magnesium bridge and high-quality aluminium adjustable eyecups render maximum ruggedness

with minimum weight. Dioptre adjustment has been integrated into the central focusing wheel. If you are looking for uncompromising quality in binoculars with very good value for money, look no further.

**All models come with a tripod mount, carry strap, hard case and a 10-year guarantee.**

### 8x42/10x42

The products combine compactness and low weight with top-quality optical performance. They are the optimum companion for sitting, drive or stalking hunts. Thanks to the extremely short close focus, they ensure unforgettable perceptions of nature at even the shortest of distances.



fig. 8x42

### 8.5x50/10x50/12.5x50

Thanks to a good field of view, large exit pupil and HD glass, they deliver extremely bright, sharp and high-contrast images even in the most adverse lighting conditions. This enables observation and response over large distances, resulting in an impressive and unforgettable visual experience.



fig. 8.5x50



#### GECO GOLD Binoculars

Item no.	Product	Exit pupil	Field of view at 100 m	Close focus	Overall length	Weight approx.
240 37 30	<b>8x42</b>	5.25	125 m	2	156 mm	830 g
240 37 31	<b>10x42</b>	4.2	112 m	2	156 mm	840 g
240 37 32	<b>8.5x50</b>	5.9	105 m	3	175 mm	940 g
240 37 33	<b>10x50</b>	5	103 m	3	175 mm	960 g
240 37 34	<b>12.5x50</b>	4	95 m	3	175 mm	965 g

geco-optics.com

**NEW**

## GECO Binocular RF

The GECO RF stands out not only because of its outstanding optics, but also due to its precise and reliable built-in rangefinder and its rock-solid ballistics. The magnesium housing and the high-grade aluminum eye cups make this binocular very robust, and therefore a natural companion for nature lovers. The GECO 10x50 RF unites

top-grade optics with first-class laser technology at an attractive price.

The GECO 10x50 RF comes already equipped with a carry strap and a hard case.

### 10x50 RF

The GECO 10x50 RF pairs a magnesium housing with a robust and shock-absorbing rubber armor so that it can offer an optimal protection for sensitive optical and electronic elements as well as moving parts. With the use of high-quality HD optics in combination with cutting edge multiple lens coatings, top performance in light transmission, field of view, edge sharpness and color fidelity are

achieved. The distance to all objects from 10 to 1600 meters away can be simply and reliably determined at the touch of a button. In addition, the GECO RF can measure both angle of elevation and temperature, and its integral compass aids in land navigation.



#### GECO Binocular RF

Item no.	Product	Exit pupil	Field of view at 100 m	Close focus	Overall length	Max. width	Measuring range	Weight approx.
240 64 79	<b>10x50 RF</b>	5	110 m	3	160 mm	130 mm	10 m – 1600 m	1000 g

**NEW**

## GECO BLACK Riflescopes

This class includes an 8x zoom with a 34 mm tube and a 6x zoom with a 30 mm tube. The GECO Black line mirrors the outstanding optical performance specs of the GECO GOLD line, but was developed specifically for tactical and dynamic shooting. This includes high adjustment travel, the illuminated reticle in the first

focal plane, the integrated target turret, as well as the included flip cover.

You can be sure of high quality and reliability with our 10-year guarantee.

### 1-8x24i (34 MM)

The classical representative of a tactical riflescope in a military-style design. Thanks to its horseshoe reticle, intuitively fast shots at close distance can be combined with precise shooting over greater ranges. 1st image plane, 34 mm central tube and lockable target turret leave nothing to be desired.



### 1-6x24i (30 MM)

Compared to its bigger brother, the 1-8x24i, the 1-6x24i has a central tube diameter of 30 mm and is therefore significantly more compact. With its field of view measuring 38 m and a horseshoe reticle in the first focal plane, this riflescope is perfectly designed for dynamic shooting.



Reticle Horseshoe



#### GECO BLACK Riflescopes

Item no.	Product	Reticle	Field of view at 100 m	Central tube Ø	Overall length	Weight approx.
240 37 22	1-8x24i	Horseshoe	35.0 – 4.4 m	34 mm	273 mm	770 g
240 37 23	1-6x24i	Horseshoe	38.0 - 6.3 m	30 mm	269 mm	550 g



# SUBSIDIARIES

## AUSTRIA

RUAG Ammotec Austria GmbH  
IZ-NÖ-Süd. Strasse 7 - Obj. 58 D  
2355 Wiener Neudorf  
phone: +43 2236 677735  
fax: +43 2236 677736

## BELGIUM

RUAG Ammotec Benelux BVBA  
Kapelleveldstraat 18  
2530 Boechout (Antwerpen)  
phone: +32 3 4557508  
fax: +32 3 4540446

## FINLAND

Ruag Ammotec Finland OY  
Teollisuustie 4A2  
66100 Maalathi  
phone: +358 6 347 1 800  
fax: +358 6 347 1 801

## FRANCE

RUAG Ammotec France  
47. Avenue des Genottes  
95800 Cergy Pontoise  
phone: +33 1 34351591  
fax: +33 1 34351599

## GREAT BRITAIN

RUAG Ammotec UK Ltd.  
Upton Cross, Liskeard  
Cornwall PL14 5BQ  
phone: +44 1579 362319  
fax: +44 1579 36403

## ITALY

RUAG Ammotec Italia s.r.l.  
Via Galileo Galilei No. 56  
25046 Cazzago San Martino - Brescia  
phone: +39 030 7255323  
fax: +39 030 7255323

## SWEDEN

RUAG Ammotec Sweden AB  
Dammbrövägen 1  
691 80 Karlskoga  
phone: +46 10 602 34 00  
fax: +46 10 602 34 10

## SWITZERLAND

RUAG Ammotec Switzerland Ltd.  
Im Hoelderli 10  
8405 Winterthur  
phone: +41 52 23515376  
fax: +41 52 2322738

## USA

RUAG Ammotec USA Inc.  
5402 East Diana Street  
FL 33610 Tampa  
phone: +1 813 6260077  
fax: +1 813 6260078

## DENMARK

GUNTEX A/S  
Jägervej 7  
6900 Skjern  
phone: +45 96 802000  
fax: +45 96 802010

## ESTONIA

Trapper Ltd.  
Voru 80  
50111 Tartu  
phone: +372 7 343900  
fax: +372 7 343991

## GREECE

DORKAS S.A  
Finos Film Str.  
Xousmiza-Spata-Attiki,  
19004 Athens  
phone: +30 210 6019920  
fax: +30 210 6019930

## GREECE

BARREL Advanced Armament  
564 Vouliagmenis Ave. & 14 Ethn.  
Antistasseos str.  
16452 Argiroupoli, Athens  
phone: +30 210 9945161  
fax: +30 210 9941956

## HUNGARY

Harmónia 91 Ltd.  
Széchenyi U. 10  
4025 Debrecen  
phone: +36 52 430468  
fax: +36 52 412633

## HUNGARY

Magnum Vadász és Hajós Kft.  
Dr. Csányi L. krt. 55  
2600 Vac  
phone: +36 1 280 83 11

## ICELAND

HLAD ehf  
Bíldshöfða  
110 Reykjavík  
phone: +354 567 5333

## INDIA

The National Rifle Association  
of India NRAI House  
51-B, Institutional Area Tughlakabad  
110062 New Delhi  
phone: +91 11 29964091  
fax: +91 11 29964090

## INDIA

SYNDICATE INNOVATIONS  
INTERNATIONAL LIMITED  
E-14, Sahibabad Industrial Area Site-IV,  
Ghaziabad-201010,  
phone: +91 120 4167639  
fax: +91 120 4167620

## INDIA

HANS WRAGE & CO GMBH  
Alstertor 17  
20095 Hamburg, Germany  
phone: +49 40 7810710  
fax: +49 40 78107122

## INDONESIA

PT. Maju Purnama Abadi  
Jl. Mangga Besar IX No. 2BM  
11170 Jakarta Barat - Indonesia  
phone: +62 21 3454 136  
fax: +62 21 3453 548

## INDONESIA

PT. Megah Karunia Mandiri  
Kel. Situsaeur Kec. Bojongloa Kidul  
40234 Kota Bandung, Jawa Barat  
phone: +62 822 9955 6655

## ISRAEL

L.H.B. Ltd.  
28 Menachem Begin Rd  
61364 Tel Aviv  
phone: +972 3 6338440

## JAPAN

GINZA GUN LIMITED  
14-19, Ginza 6 Chome  
104-0061 Chuo-ku, Tokyo  
phone: +81 3 62266133  
fax: +81 3 35431444

## JAPAN

ISHII GUNSHOP CO., LTD  
9-3, 1-Chome, Uemachi, Chuo-Ku,  
0005 Osaka 540  
phone: +81 6 67620266  
fax: +81 6 67620268

## JAPAN

Gunsmith of Kunimoto Co.LTD  
Shimogyo Teramachi Bukkoji  
Kyoto 600-8032  
phone: +81 75 351 3037  
fax: +81 75 351 3041

## KASAKHSTAN

HANS WRAGE & CO GMBH  
Alstertor 17  
20095 Hamburg, Germany  
phone: +49 40 7810710  
fax: +49 40 78107122

## KOREA

Il Heung GS Co. Ltd.  
RM. 401. Sung Bldg. 571-13  
Kongnung-Dong, Nowon-GU  
phone: +82 2 974 7400  
fax: +82 2 976 5828

## LATVIA

SIA Purnavu muiza  
Martinmuiza  
Marupes pag.  
1002 Rigas raj.  
phone: +371 67708420  
fax: +371 67886939

## LITHUANIA

SIA Purnavu muiza  
Martinmuiza  
Marupes pag.  
1002 Rigas raj., Latvia  
phone: +371 67708420  
fax: +371 67886939

## MACEDONIA

Mikei INTERNACIONAL  
Kamnik b.b.  
1000 Skopje  
phone: +38 922523523

## MALAYSIA

DRii WATAN SDN BHD, C-5-7, Blok C,  
Park Avenue Office, No. 5  
Jalan Pju 10/1, Damansara Damai,  
47830 Petaling Jaya, Selangor  
phone: +60 361578838

## MALAYSIA

Perusahaan Al Nur,  
No. 39, Arked Sri Teruntum,  
Jalan Mahkota  
25000 Kuantan

## MALTA

Shooting Supplies  
Żebbiegħ Road,  
Mgarr MGR8036  
phone: +356 2157 4683

# DISTRIBUTORS

## ANDORRA

Ando Arm SL  
Armeria Andorrana  
Avda. Riberaigua, 33  
33 AD 500  
Andorra La Vella  
phone: +376 820 888  
fax: +376 860 222

## AUSTRALIA

Outdoor Sporting Agencies  
27 Efficient Drive  
Truganina VIC 3029  
phone: +61 3 8353 2626  
fax: +61 3 8353 2627

## BOSNIA-HERZEGOVINA

JACIMOVIC DOO  
Karadjordjeva 83  
78000 Banja Luka  
phone: +387 51 215 030  
fax: +387 51 215 030

## BULGARIA

Star Force Ltd.  
29, Ekzarh Josph Str.  
1000 Sofia  
phone: +359 2 9872310  
fax: +359 2 9808039

## BULGARIA

Special Tactical Supplies  
46 „Shipchenski prohod“ Blvd.  
1574 Sofia  
phone: +359 2 9712257  
fax: +359 2 9712257

## BULGARIA

ZARIMEX Ltd.  
Osmi Dekemvri blvd No. 1  
1700 Sofia  
phone: +359 2 874 10 80  
fax: +359 2 876 44 28

## CANADA

MD Charlton Company  
Units 3 and 4  
4100-B Sladeview Cres  
Mississauga Ontario Canada L5L 5Z3  
phone: +1 905 6259846  
fax: +1 905 6253538

## CANADA

North Sylva Co.  
19 Ingram Drive  
M6M2L7 Toronto Ontario  
phone: +1 416 2424867

## CANADA

BowMac/GunPar (1996) Inc.  
9094 Cavanagh Rd.  
KOA 1B0 Ashton, Ontario  
phone: +1 800 6682509

## CHINA

China Glory  
Sporting Goods Promotion Company  
3, Tiyuguan Road  
100763 Beijing P.R.C.

## CROATIA

Lovac trgovina d.o.o.  
Teslina 4  
10000 Zagreb  
phone: +385 1 4811 854  
fax: +385 1 4811 834

## CYPRUS

Pedmar Handels Ltd.  
32, Nikolaou Rossou Str.  
6021 Larnaka  
phone: +357 24667776


## CZECH REPUBLIC

KOZAP Uherský Brod  
zbrane a strelivo, spol. sr. o.  
U kostela 134  
68754 Banov  
phone: +420 572 646280  
fax: +420 572 646220

 **MONGOLIA**  
HANS WRAGE & CO GMBH  
Alstertor 17  
20095 Hamburg, Germany  
phone: +49 40 7810710  
fax: +49 40 78107122

 **MONTENEGRO**  
KULJAČA COMPANY D.O.O.  
BEČIĆI, UL. STEVANA ŠILJEGOVIĆA BR.7  
85310 Budva

 **NAMIBIA**  
L&O Group SA (Pty.) Ltd.  
Plot 7 Mountain drive  
186 Pretoria, South Africa  
phone: +27 7 95015611

 **NEW ZEALAND**  
Shooting Stuff Limited  
PO Box 202083 Southgate  
2246 AUCKLAND


 **NEW ZEALAND**  
Aoraki Ammunition Company Limited  
14 Branscombe Street  
7910 Highfield Timaru  
phone: +64 274516783

 **NORWAY**  
NORMA AS  
Nils Hansens vei 7  
667 Oslo  
phone: +47 22 07 13 00


 **NORWAY**  
Jakt & Friluft AS  
Bryggeriveien 4  
4848 Arendal  
phone: +47 37 060700  
fax: +47 37 060702


 **POLAND**  
M.K. Szuster  
Al. Waszyngtona 38/40  
03-913 Warszawa  
phone: +48 22 6176181  
fax: +48 22 6176335


 **PORTUGAL**  
Luis M. P. Gil, Distribuição Lda  
Av. Egas Moniz nº 15  
2135-232 Samora Correia  
phone: +351 263 656 210  
fax: +351 263 656 210


 **QATAR**  
Qatar Shooting & Archery Association  
P. O. Box 5225 Doha,  
Qatar  
phone: +974 44953114  
fax: +974 44170140


 **ROMANIA**  
SC ARROW International SRL  
Str. Apusului, nr. 5  
Sat Catelu, Comuna Glina  
077105, Judet Ilfov  
phone: +40 21 2210690  
fax: +40 21 2211210

 **ROMANIA**  
SC Material Group SRL  
Str. Decebal nr. 96  
410219 Oradea  
phone: +40 2 59474040  
fax: +40 2 59406422


 **RUSSIA**  
RUSIMPEKS OOO  
Kotelnicheskaya Str. 24a  
140 000, Lubertsy  
phone: +7 495 554 70 67


 **RUSSIA**  
Kolchuga OOO  
Varvarka Str., 3  
109 012, Moscow  
phone: +7 495 234 34 43

 **RUSSIA**  
Bars OOO  
Professora Popova Str., 23  
197 376, St. Petersburg  
phone: +7 812 234 91 29


 **RUSSIA**  
Buryi Medved OOO  
Dobrolubova str., 1  
620 014, Ekaterinburg  
phone: +7 343 376 46 05


 **RUSSIA**  
Vympel OOO  
Chernaya Gryaz, 2L  
141 580, Moscow region  
phone: +7 495 761 41 31


 **RUSSIA**  
Izhevskiy Arsenal OOO  
Votkinskoe shosse, 298  
462 039, Izhevsk  
phone: +7 3412 90 45 32

 **RUSSIA**  
Mir Ohoty OOO  
Uralskaya str., 99I/3  
350 080 Krasnodar  
phone: +7 8612 34 33 59

 **RUSSIA**  
Ruzheynaya Kompania GOU OOO  
Deryabina prospect 3 / 4, ap. 33  
426 011, Izhevsk  
phone: +7 3412 23 03 23

 **RUSSIA**  
Rys OOO  
202 Mikrorayon, 1 / 2  
677 000, Yakutia  
phone: +7 4112 33 32 95


 **RUSSIA**  
Temp OOO  
Zavodskaya str., 2  
142 181, Klimovsk  
phone: +7 495 996 89 08

 **RUSSIA**  
TKN 17 OOO  
Stanzionnaya str., 30A, 203/67  
630 108, Novosibirsk  
phone: +7 383 364 01 00


 **SERBIA**  
Capriolo Hunting  
Edvarda Kardelja bb  
24300 Backa Topola  
phone: +381 24 715918  
fax: +381 25 712057


 **SINGAPORE**  
PRECISION PRO PTE LTD  
126 JOO SENG ROAD #04-04  
GOLD PINE INDUSTRIAL BUILDING  
SINGAPORE 368355  
phone: +65 9754 2917

 **SINGAPORE**  
Hock Ann (Sports) PTE Ltd.  
273 Beach Road  
199548  
Singapore  
phone: +65 6298 0551  
fax: +65 6294 8733

 **SLOVAKIA**  
Velkoobchod-Zbrane s.r.o.  
Zelena 11  
949 05 Nitra  
phone: +421 37 6512405  
fax: +421 37 6512407

 **SLOVAKIA**  
Dynax Obchod A Sprostredkovanie  
Centrum 12/17  
01728 Povazska Bystrica  
phone: +421 42 4327711  
fax: +421 42 4326362

 **SLOVENIA**  
HAMEX D.O.O.  
S.L. House  
Stara Vrhnika 161  
1360 Vrhnika  
phone: +386 1 7557770  
fax: +386 1 7551530

 **SOUTH AFRICA**  
L&O Group SA (Pty.) Ltd.  
Plot 7 Mountain drive  
186 Pretoria  
phone: +27 7 95015611

 **SPAIN**  
GAMO Outdoor, S.L.  
Ctra. Sta. Creu de Calafell, Km 10  
08830 Sant Boi de Llobregat - Barcelona  
phone: +34 93 6400254

 **SPAIN**  
Chano Shooting  
C/ Maria de Echarri, 18-20  
50018 Zaragoza  
phone: +34 976 522684  
fax: +34 976 741695

 **SPAIN**  
Excopesa  
Apdo. 428  
24080 León  
phone: +34 987 215208  
fax: +34 987 216922

 **SRI LANKA**  
Rifle Point.  
4/23, 1st Lane  
Thalakotuwa Gardens  
Colombo 5  
phone: +94 114 942577  
fax: +94 112 512688

 **TAIWAN**  
Jen Shuenn Enterprise  
No.62 Kuang Chou 1-St Street  
Kaohsiung  
phone: +886 7 7227172  
fax: +886 7 7232616

 **TAIWAN**  
U-Shot Inc.  
4F, No. 12, Sec. 1, Beisin Rd.  
23147 SINDIAN CITY - TAIPEI COUNTY  
phone: +886 2 29139086  
fax: +886 2 29185418

 **TURKEY**  
TURAC Dis Ticaret Ltd. Sti.  
Tandogan Meydani Anit Cad. No:4/16  
6580 Ankara, Turkey  
phone: +90 312 2127061  
fax: +90 312 2120533

 **TURKEY**  
MEYDAN  
Kemeraltı Caddesi Şefkat İş  
Merkezi No. 1 Kat. 2  
34420 Karaköy-Istanbul  
phone: +90 212 292 50 16  
fax: +90 212 243 93 97

 **TURKEY**  
Makina Ve Kimya Endüstrisi  
06330 Tandogan  
Ankara

 **UKRAINE**  
Europa Arm Sport LLC  
7 Boulevard Druzhby  
Narodov, off. 106  
01042 Kiev  
phone: +380 44 529 9522  
fax: +380 44 529 7040

 **USA**  
UMAREX USA  
7700 Chad Colley Boulevard  
72916 Fort Smith, AR  
phone: +1 479 646 4210

 **USA**  
Walther Arms Inc.  
7700 Chad Colley Boulevard  
72916 Fort Smith, AR  
phone: +1 479 646 4210

 **USA**  
GSI - Gun South Inc.  
7661 Commerce Lane  
35173-2837 Trussville, AL  
phone: +1 205 655 7500

 **VIETNAM**  
GAET  
Cong Vi Ward  
102 Kim Ma Thuong Street  
HANOI





■ DE – Achtung – Gefahr durch Feuer oder Splitter, Spreng- und Wurfstücke. – Von Hitze, heißen Oberflächen, Funken, offenen Flammen sowie anderen Zündquellen fernhalten. Nicht rauchen. ■ EN – Warning – Fire or projection hazard. – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. ■ BG – Внимание – Опасност от пожар или разпръскване. – Да се пази от топлина, нагорещени повърхности, искри, открит пламък, и други източници на запалване. Топноопушването забранено. ■ ES – Atención – Peligro de incendio o de proyección. – Mantener alejado del calor, de superficies calientes, de chispas, de llamas abiertas y de cualquier otra fuente de ignición. No fumar. ■ CS – Varování – Nebezpečí požáru nebo zasazení částicemi. – Chraňte před teplem, horkými povrchy, jiskrami, otevřeným ohněm a jinými zdroji zapálení. Zákaz kouření. ■ DA – Advarsel – Fare for brand eller udslyngning af fragmenter. – Holdes væk fra varme, varme overflader, gnister, åben ild og andre antændelseskilder. Røgning forbudt. ■ ET – Hoiatus – Sütimis- või laialpaiskumisoht. – Hoida eemal soojusallikast, kuumadest pindadest, sädemetest, leekidest ja muudest süüteilikatest. Mitte suitsetada. ■ EL – Προσοχή – Κίνδυνος πυρκαγιάς ή εκτόξευσης. – Μοχλά από θερμότητα, θερμές επιφάνειες, σπινθήρες, γυμνές φλόγες και άμεσες πηγές ανάφλεξης. Μην καπνίζετε. ■ FR – Attention – Danger d'incendie ou de projection. – Tenir à l'écart de la chaleur, des surfaces chaudes, des étincelles, des flammes nues et de toute autre source d'inflammation. Ne pas fumer. ■ IT – Attenzione – Pericolo di incendio o di proiezione. – Tenere lontano da fonti di calore, superfici calde, scintille, fiamme libere o altre fonti di accensione. Non fumare. ■ LV – Uzmanību – Uguns vai izmetes bīstamība. – Sargāt no karstuma, karstām virsmām, dzirksteļēm, atklātās uguns un citiem aizdegšanās avotiem. Nesmēkēt. ■ LT – Atsargiai – Gaisro arba išsivaidymo pavojus. – Laikyti atokiau nuo šilumos šaltinių, karštų paviršių, žiežirbų, atviro liepsnos arba kitų degimo šaltinių. Nerūkyti. ■ HU – Figyelem – Tűz vagy kivetés veszélye. – Hőből, forró felületektől, szikráktól, nyílt lángtól és más gyújtóforrástól távol tartandó. Tilos a dohányzás. ■ NL – Waarschuwing – Gevaar voor brand of scherfwerking. – Verwijderd houden van warmte, hete oppervlakken, vonken, open vuur en andere onstekingsbronnen. Niet roken. ■ PL – Uwaga – Zagrożenie pożarem lub rozrzutem. – Przechowywać z dala od źródeł ciepła, gorących powierzchni, źródeł iskrzenia, otwartego ognia i innych źródeł zapłonu. Nie palić. ■ PT – Atenção – Perigo de incêndio ou projecções. – Manter afastado do calor, superfícies quentes, fúscas, chama aberta e outras fontes de ignição. Não fumar. ■ RO – Atenție – Pericol de incendiu sau de proiectare. – A se păstra departe de surse de căldură, suprafețe fierbinți, scântei, flăcări și alte surse de aprindere. Fumatul interzis. ■ SK – Pozor – Nebezpečstvo požáru alebo rozetenia úlomkov. – Uchovávať mimo dosahu tepla, horúcich povrchov, iskiev, otvoreného ohňa a iných zdrojov zapálenia. Nefajčiť. ■ SL – Pozor – Nevarnost za nastanek požara ali drobocev. – Hraniti ločeno od vročine, vročih površin, isker, odprtega ognja in drugih virov žviga. Kajenje prepovedano. ■ FI – Varoitus – Palo- tai sirpalevaara. – Suojaa lämmöltä, kuumilta pinoilta, kipinöiltä, avotulelta ja muilta sytytyslähteiltä. Tupakointi kielletty. ■ SV – Varning – Fara för brand eller splitter och kaststycken. – Får inte utsättas för värme, heta ytor, gnistor, öppen låga eller andra antändningskällor. Rökning förbjuden. ■ CN – 警告 – 起火或喷射危险。 – 远离热源/火花/明火/热表面。禁止吸烟。 ■ JP – 警告 – 火災又は飛散危険性。 – 熱/火花/燻火/高温のもののような着火源から遠ざけること。 - 禁煙。 ■ KR – 주의 – 화재 또는 발사 위험. – 열 스파크/화염/고열로부터 멀리하십시오. 금연. ■ HR – Upozorenje – Eksplozivno; opasnost od vatre ili rasprskavanja. – Čuvati odvojeno od toplote/iskre/otvorenog plamena/nužnih površina. – Ne pušiti. ■ NO – Advarsel – Fare for brann eller utkast av fragmenter. – Holdes vekk fra varme, varme overflater, gnister, åpen ild og andre antenningskilder. Røyking forbudt. ■ RU – Внимание – Опасность пожара или разбрасывания. – Беречь от тепла/искры/открытого огня/горячих поверхностей. – Не курить. ■ ARAB – راجع إلى تجنب طيفي – راتناتال أو قيرجل رطخ – ريخت – ريخت. ■ TR – Dikkat – Yangın veya yansım zarar. – Isidani/ kıvılcımdan/alevden/iscık yızeylerden uzak tutun. – Sigara içilmez. ■ TH – ระวัง – อันตรายจากไฟไหม้หรือสะเก็ดกระเด็น – ห้ามสูบบุหรี่ จากความร้อน- ระวัง! ห้ามสูบบุหรี่ ห้ามวางไฟ ห้ามสูบบุหรี่

© 2019 RUAG Ammotec GmbH  
In accordance with the Weapons Act of the Federal Republic of Germany, purchase records must be kept and permission to purchase is required for many products in this catalogue. Products for which no records must be kept and/or for which no permission to purchase is required by law are marked accordingly.

We reserve the right to make technical alterations to the products illustrated or described without giving prior notice.

The complete range of products is not available in every country!

Although the information contained in this brochure is correct to the best of our knowledge, we cannot accept liability for any errors or inaccuracies. We reserve the right to discontinue or modify any product at any time without giving prior notice. Delivery of the products depicted may be subject to legal restrictions.

All rights to photocopies and to the reprinting of excerpts are to be granted solely with the written permission of RUAG Ammotec GmbH.

RWS is a partner and sponsor of



DEUTSCHER SCHÜTZENBUND E.V.  
the German Shooting Sport Federation National Team



the Swiss Shooting Federation



the French Shooting Federation



the Hungarian Shooting Federation



and the BDB  
(coalition of professional hunters)

Dealer stamp

231 46 73

