



THE AMMUNITION COUNTS



AIR GUN PELLETS - RIMFIRE CARTRIDGES



READY FOR SUCCESS

Top athletes demand a great deal of themselves in order to succeed in reaching their goals. That makes it all the more important for them to be able to trust that with regard to ammunition, the manufacturer has the same aspirations and wants to achieve perfection with their products. Millions of target shooters trust RWS for a reason.



*Christoph Dürr
Member of Swiss National squad*

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Bogacka Sylvie

Sylvia Bogacka
Silver medalist Olympic Games 2012



Andrea Arsovic

Andrea Arsovic
Silver medalist World cup Final 2014



Barbara Engleder

Barbara Engleder
Gold medalist Olympic Games 2016

RWS BRANDED PRODUCTS

World-class performance with the perfect ammunition

The RWS brand proves its outstanding ammunition expertise with an extensive product range in the sporting and hunting area for small arms and air guns. Since their introduction, RWS cartridges have enjoyed worldwide success with the extensive range of RWS rimfire and air gun products for both target shooting and hunting. Millions of users have placed their confidence with the world famous brand and this trust is repaid

daily by the quality products demonstrating their superior performance and total reliability.

From training sessions to winning Olympic titles or hunting RWS has a product to suit every purpose.

RWS produces branded products which hunters all over the world appreciate and without which some Olympic victories in shooting would not have been won. Of course, it's clear that this

top German quality is not cheap. But your own safety and the best possible chances for greater success are worth the price of this top class ammunition.

RWS AND THE TARGET SHOOTERS

A successfully proven combination

There is good reason for so many renowned and internationally successful target shooters to rely upon the RWS brand. By working closely with top athletes and experts the product range is continually improved and expanded. Decades of experience in the manufac-

ture of ammunition are the basis on which RUAG Ammotec repeatedly seek improvements thus securing the international reputation for leading products. It is important to actively exchange ideas with the world's top shooters and to consider their views. Only then, can

daily precision manufacturing optimise top ammunition.



Jean Quiquampoix
Silver medalist Olympic Games 2016



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



Alin Moldoveanu
Gold medalist Olympic Games 2012

WORLD RECORDS & OLYMPIC VICTORIES WITH RWS

Gold with R50

Olympic Games 2016
Rio de Janeiro, Brazil

3x Gold with R10

European Championship 2015
Arnheim, Netherlands

Gold with R10

World Cups 2015
Changwon, Korea
Fort Benning, USA

4x Gold with R50

World Championship 2014
Granada, Spain

Gold with R50

ISSF World Cup Final 2014
Gabala, Azerbaijan

Gold with R10

World Cup 2013
Changwon, Korea

2x Gold with R10

Olympic Games 2012
London, Great Britain

Gold with R50

World Cup Final 2011
Munich, Germany

Gold with R10 Match

European Championship 2011
Brescia, Italia

Gold with R50

European Championship 2011
Belgrade, Serbia

4x Gold with R10

2x Gold with R50

World Championship 2010
Munich, Germany

Gold with R50

Olympic Games 2008
Beijing, China

600 out of 600 with R50

ISSF World Cup 2005
Fort Benning, USA

Gold with R10

Olympic Games 2004
Athens, Greece

and more





BARBARA ENGLER AND DANIEL BRODMEIER IN AN INTERVIEW WITH RWS

Why did you choose RWS for your ammunition?

Engleder:

The all-important thing was that because of its proximity, RWS was the easiest to get. I have always shot with this ammunition, I have always been happy with it, and I have never even considered using a different brand.

Brodmeier:

That's easy. It's in my family. As a little boy, my Grandpa took me with him to Fürth to an ammunition test. I know every tester from recent year and have a personal connection with the employees in production.

What impresses you about RWS?

Engleder:

I always find something good, back in the day, when Heiner Jahns was at the test shooting range, and now with Christian Thomas. First, I choose some

batches and then they're tested. And there's always some ammunition there that I would use. But then Christian Thomas says he has to check just one more time because he thinks there's something else there for me. And that's even better. I just know that they're taking really good care of me.

Brodmeier:

That's a group of crazy „scientists“. Boy, do they look at the details. They think about whether they should change the agent for washing the cartridges because they want to exclude sources of error. The brass delivery is inspected meticulously; the person responsible for setting up the machine exercises extreme care. You can see that the employees enjoy their work, that they have a passion for it – exactly like we do with shooting.

You're in Fürth quite often. How many cartridges do you use in a year?

Engleder:

Yes, I'm there often and I also know many of the employees personally. In a year I use 10,000 to 15,000 rounds each of air gun and small bore ammunition.

Brodmeier:

In an Olympic Games year, I need at most two boxes for the air gun because I concentrate completely on small bore, for which I use 35,000 to 40,000 rimfire cartridges. And I've noticed that the RWS employees aren't quite done with the job yet when I leave the company grounds. After my success in 2014, they made a very distinctive R50 with a special inscription, „Brodi special edition“ – with the writing in gold, of course.

*The „Burning Eye“ training team
with trainer Mario Gonsierowski
(at center in back)*



THE INTERPLAY BETWEEN RWS AND THE TOP SHOOTERS

It's totally clear to Daniel Brodmeier: „We can't tell the specialists in production that they have to change this or that detail.“ Ammunition manufacturing demands too much specialized knowledge for that. But the top shooter can provide important information from their experiences. Like, as happened recently at the World Cup in Rio, how differently the bullets react to heat and humidity. Only top athletes, with the experience they've collected from all over the world, are able to recognize these fine distinctions.

„But that's still just pure speculation on our part“, says Barbara Engleder modestly. But the technicians do take their input seriously. This practical information is reason enough for them to experiment and try things out in production to improve what might still be made even better. In addition, infor-

mation from the top shooters has also resulted in intensified cooperation with gun manufacturers.

To obtain the best results, the ammunition and barrel must match each other as best they can. In this interplay, the shooters, who have the best connections to both sides, ensure that information is exchanged often enough.

And if they're successful, wherever it may be in the world, then the RWS employees at all levels are tremendously pleased because they truly know that they are also part of that victory.

When one of their own wins, like Barbara Engleder did recently with the gold medal at the Olympic Games in Rio, the employees are among the first well-wishers by email, text or What's App.



RIMFIRE CARTRIDGES

A characteristic of target shooting is that no two barrels are identical; therefore, RWS rimfire calibre cartridges are available in various types. Despite the use of the best materials and greatest care during production there will always be slight differences, which influence the accuracy of a shot. The tolerances within in a manufacturing batch of ammunition are extremely low but there are microscopic differences from batch to batch. The accuracy of the RWS small bore ammunition and the minimal differences from lot to lot - only noticeable when shooting - enable the right ammunition for each barrel to be found.

Therefore, experienced shooters have always selected the best RWS ammunition for their rifle barrel from different batches. When they have found the correct batch they stock up in sufficient quantity to avoid testing for some time. Following this practice of the top shooters will enable everyone to find the right ammunition for their rifle and thus improve their shooting performance.

Barbara Engleder
Gold medalist Olympic Games 2016



A HAIR'S BREADTH IS TOO MUCH

Just think of the reliability and precision expected of such a small cartridge like the rimfire cartridge. A great many components have to work perfectly together so that in a fraction of a second, the target can be hit „hole in a hole“. In order to coax such performance from a cartridge, each individual production step has to be performed meticulously:

The cartridge casings are drawn in a multiple step press process from a brass strip. Then the case blank is cleaned, relaxed (elongated) and its characteristic rim is formed; in addition, the brand stamp is pressed into the bottom of the cartridge. These processed casings are

measured and selected (sorted). The measurement tolerance is 0.02 millimeters – a hair, with a diameter of 0.06 millimeters would be three times as thick.

The next part of production is the most sensitive, and safety and care count as much here as precision does. The primer is seated and rotation spins it into the casing rim. The powder and shot are loaded in the semi-finished cartridge .22 lfB (lang für Büchse) or .22 lr (long rifle); the precise designation according to bore and casing length is 5.6x16mm R. For small bore cartridges, RWS always uses smokeless, usually dibasic, propellant powder, which is measured out

down to the five decimal places. To classify the bullets into precision levels, ballistic testing is carried out. The loaded cartridges that have been inspected several times are packaged in batches that can be tested by shooters with their guns in the company's own test shooting range. Then decisions are made to purchase cartridges from one of the batches.

Marco de Nicolo
Olympia squad Italy



THE PRODUCT LINES

RWS rimfire cartridges have received top medal positions and Olympic honors.

For us, that is an incentive to continue perfecting and expanding the product spectrum in close cooperation with top athletes and experts.

Decades of experience in manufacturing ammunition is the basis upon which RWS continues to produce improvements.

However, it is not only the cartridge that is continuously optimized to meet highest technical demands and inspection specifications. The design of the package has also been modernized and now displays an inno-

vative character. The RWS rimfire cartridges are clearly separated into product lines, enabling easy selection of the right ammunition. The colour coding for the product lines correspond to the RWS air gun pellet range to create uniformity.



Stars are used to classify match products in the area of sport to indicate the respective precision and shooting performance.

PREMIUM LINE

50

2,6 g
40 gr



.22 lr

The pictograms on the packages represent the calibre, bullet weight, quantity and use for pistol or rifle.

Through top performance and absolute reliability every single RWS rimfire brand product proves daily its superior quality. Whether for international competitions, sport in general, training or for special applications RWS rimfire cartridges invariably stand for the highest reliability and accuracy.



The Premium Line stands for cartridges of the highest quality and performance for high end applications.



The Professional Line identifies high-performance cartridges for competition and training.



The Sport Line comprises solid training cartridges for price conscious shooters.



The Field Line incorporates all cartridges for special applications.

PRODUCT GUIDE

Classification	Product	Rifle	Pistol	Hunting	Order number	Barrel length mm	Velocity (m/s)			Impact energy (Joule)		
							V ₀	V ₅₀	V ₁₀₀	E ₀	E ₅₀	E ₁₀₀
*****	R 100	●			213 41 95	650	345	304	277	155	120	100
*****	R 50	●	●		213 41 87	650	330	295	270	142	113	95
****	Special Match	●	●		213 42 33	650	330	295	270	142	113	95
***	Rifle Match S	●			231 43 72	650	345	304	277	155	120	100
***	Rifle Match	●			213 42 25	650	330	295	270	142	113	95
***	Pistol Match		●		213 24 43	130	275	250	235	98	86	76
***	Pistol Match SR		●		231 77 99	130	260	244	229	88	77	68
**	Target Rifle	●			213 24 78	650	330	295	270	142	113	95
**	Target Pistol		●		213 27 10	130	285	262	244			
*	Club	●	●		213 28 85	650	330	295	270	142	113	95
	Semi Auto	●	●		231 86 01	650	355	309	281	164	124	103
	Z Lang	●		●	213 27 53	650	235	219	204	52	46	40
	Subsonic HP			●	213 26 64	650	315	285	262	129	106	89
	High Velocity			●	213 24 86	650	385	328	293	193	140	112
	High Velocity HP			●	213 24 94	650	385	328	293	193	140	112
	. 22 Magnum SP			●	213 30 75	600	595	495	418	460	319	227
	. 22 Magnum FMJ			●	213 30 83	600	595	495	418	460	319	227



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.'

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



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, 2,6g, V_0 330 m/s (barrel length: 65 cm)

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, 2,6g, V_0 345 m/s (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, 2,6g, V_0 330 m/s (barrel length: 65 cm)



Mario Knögler
3 times Olympian



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/s (barrel length: 65 cm)

PISTOL MATCH SR

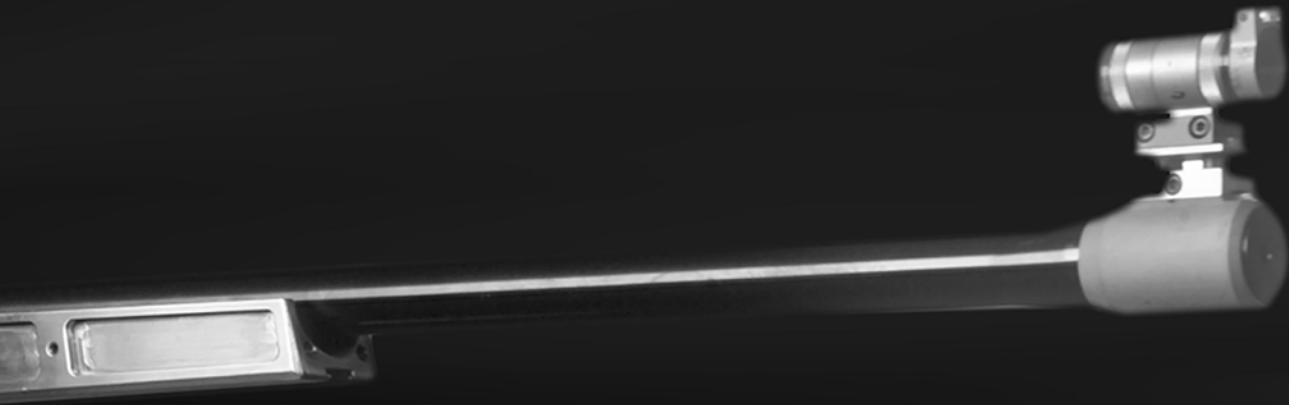
- Top grade pistol ammunition
- Softer recoil thanks to less priming material and new propellant
- Uniform and minimal muzzle jump due to a very consistent burning characteristic
- Reduced muzzle impulse, smaller muzzle flash
- Perfect combination of hardly noticeable recoil and soft shot development
- Calibre: .22 long rifle
- Lead bullet, 2,6 g, V_0 260 m/s (barrel length: 13 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/s (barrel length: 65 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/s (barrel length: 13 cm)



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/s (barrel length: 65 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/s (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/s (barrel length: 13 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/s +/- 10m/s (barrel length: 65 cm),
- V_0 330 m/s (barrel length: 42 cm),
- V_0 295 m/s (barrel length: 15 cm)



FIELD LINE

Designed for successful hunting and special applications

HIGH VELOCITY

- Copper coated solid lead bullet for hunting and small game
- Excellent impact and penetration with a tangible increase of 80 m/s in speed
- Suitable for long rifles and insert barrels
- Calibre: .22 long rifle
- Lead bullet, 2,6 g, V_0 385 m/s (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 80 m/sec velocity increase
- 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)

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/s (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/s (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/s (barrel length: 60 cm)
(Hollow Point Bullet)

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/s (barrel length: 65 cm)



FASCINATION BIATHLON

RWS aims to win

No other sport shooting discipline generates more interest within the media than the biathlon during winter. In combination with physically demanding cross country skiing, this sport is gaining in popularity. The shooting stops form the most spectacular appearances of the biathletes during the competition. In the midst of their cross country run they stop to fire several shots at a distance of 50 m.

It is hard to imagine how exact the physical and chemical reactions of both ammunition and system of the biathlon rifle must be in order to hit the target accurately. What is said in general

terms under the heading of 'rimfire cartridges' also applies here.

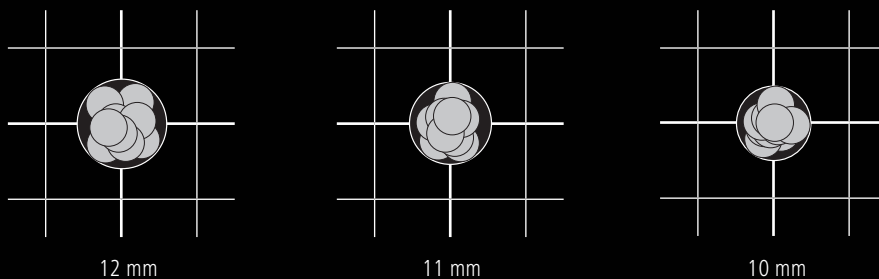
However, the demand of biathletes for more precise and consistent ammunition is much higher than that of most target shooters. Biathletes can never be sure what wind and weather conditions they will encounter but at least they need not worry about the ammunition when using RWS R 100. The materials used, the velocity and the arising gas pressure have been fine-tuned so that in all weathers an excellent result can be achieved. Even in extreme subzero temperatures a faultless

Swiss National Biathlon Team



function is guaranteed and enables outstanding performance. During winter training the RWS Rifle Match S is best suited as the performance of this cartridge is also not impaired by cold weather.

As official partner of the Swiss National Biathlon Team and numerous German top athletes, RWS ensures that the shooters go into the competition with the best ammunition. Accuracy counts for everything – that's why we have made a sport of it. RWS – the brand of champions!



12 mm

11 mm

10 mm



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



RWS TEST RANGE

We test so choosing batches isn't like drawing straws

Everyone that shoots knows how important it is for ammunition to match up with rifle and pistol barrels. With ammunition, no production batch is like any other; they all have different characteristics, even if they aren't obvious. And barrels differ too, for example, due to barrel rifling. But in the end, when the shooter is at the line, the barrel and the ammunition must work together – as well as possible. And only one thing can help out here: Trying it out, so buying a batch isn't like drawing straws. For this purpose, for more than 25 years RWS has run a test shooting range at its production location in Fürth which is open to anyone interested in shooting. Just give us a call or send an email to set up an appointment with shooting range manager Christian Thomas. There are many possibilities. Regional dealers can bring the sporting guns from several of their customers. Or the rifles or pistols can be sent in. Or you can decide to travel to Fürth in person. Then you only have to bring the barrel along. „Before we load, we clean and check the barrel,“ says Christian Thomas.

Small bore sporting guns and air guns can be tested.

- Air guns
- Air and CO₂ pistols
- Short guns in the following calibres:
 - .22 long for rifles, .32 S&W long
- Small bore guns with calibre .22 long for rifles

And then a group of ten from each batch is tested at 10, 15, 25 and 50 meters on electronic Meyton systems. The conditions are ideal because the shooting range is completely enclosed, so there are no weather effects. Christian Thomas can immediately check the shooting results, and the optimum production batch is found in a flash. Customers that have a German firearms possession license or permission to purchase can take the ammunition right with them – if they haven't bought too much so that the car is loaded down to the ground. After all, 5,000 rimfire cartridges weigh 19 kg, and anyone who buys a whole group of them will quickly have a weight problem. But RWS will also send the items directly to a local

dealer. The invoice is also handled in any case by the dealer.

To make an appointment, please contact Christian Thomas:

RUAG Ammotec GmbH

RWS Test Range
Kronacher Str. 63, 90765 Fürth
Germany

phone: +49 911 / 79 30-156

fax: +49 911 / 79 30-282

E-Mail: Christian.Thomas@ruag.com

The low usage fee includes the test ammunition.



Norman Sausmikat
(Shooting Club Hamwarde)

Norman Sausmikat, why did you choose RWS for your ammunition?

The Hamwarde shooting club has gotten outstanding service. The employees are open to us, all of our questions are answered. I have been a customer since the 1970s and RWS supported by RWS even before that. Moreover, it's a German company and that is important to me. And of course, I am quite satisfied with the quality of the ammunition – as long as I am responsible for the Hamwarde club, we'll stay with RWS.

What impresses you about RWS?

I can rely on the employees 100%. I just need to call if I need something. That's important to me.

You represent a large, very active club. How many cartridges do you use in a year?

Every year it's more than 100,000 rounds, which are delivered by our dealer on pallet. On the evening before, four or five of us always make our way to Fürth and right away the next morning we head to the test shooting range. We bring the barrels of about 30 top shooters who need between 3,000 and 5,000 rounds per year. Tests are made and then we note the series numbers of the batches. In the afternoon we travel back home near Hamburg. The delivery arrives in the next few days on a pallet.



*Nicolas Schallenberger
Member of DSB National squad*

AIR GUN PELLETS

When precision counts

The RWS brand stands for excellent quality and high technological expertise. That also applies to RWS air gun pellets, which are characterized by their special material composition and surface quality as well as optimum weight for the respective shape.

All RWS Match pellets are produced in the classic diabolo shape. Head

design, tail section and the special form of pellet head plate are decisive factors for the optimum stabilisation of the pellet in the barrel and therefore also for sharply punched holes. Tight production tolerances combined with strict testing conditions lead to further optimisation of accuracy – this is where quality is newly defined.

The product range offers a comprehensive selection of high accuracy pellets for competitions and training in the Olympic disciplines as well as for the Field-Target shooting and numerous varieties for special applications like pest control or plinking.

THE LONG ROAD TO THE PERFECT DIABOLO

QUALITY CONTROL is highly emphasized from the very beginning in the production of RWS air gun pellets. Even the raw materials are inspected. Then, during smelting, the composition of the lead and/or tin alloy is adjusted for the respective type of pellet and the intended application area and then checked again. In the production process, the correct shape is selected according to the pellet type. Unevenness or deformation is quickly recognized, at the latest during the washing process when the residue of lubricants or excess material from the forming process is removed. Each production step is monitored extremely closely. Samples from a wide variety of phases

in the manufacturing process are sent to the company's own laboratories and examined carefully there. Here computers are used to analyze the density, hardness and uniformity in the pellet structure. Spectrum analysis is used to examine the molecular structure of the alloy along with the chemical composition of the pellets.

Some of the quality control measures are based on ultra-modern technologies, others on conventional methods. After the RWS R10 Match plus has gone through the entire production process, an employee carries out a visual inspection of each individual pellet. Pellets with even the most inconspicuous

defects are selected out and replaced by perfect products. All of the batches are numbered and the name of the person responsible is noted on each batch. Many control and inspection steps are taken before the finished products can be packaged and sent. Everything has to be right before they leave the company or a customer loads his sporting gun at the company's own test shooting range and then finally selects the batch that's right for him.



Premium Line
Highest quality for top sports



Professional Line
Powerful match pellets – precision for competition and training



Sport Line
Proven training pellets for getting started in shooting



Field Line
Constructed for the Field Target shooting and hunting

PRODUCT GUIDE



	Product		Weight	Calibre	Rifle	Pistol	Field Target	Hunting	Plinking
Premium Line	R 10 Match Plus		0,53 g	4,5 mm	●				
	R 10 Match		0,53 g	4,5 mm	●				
			0,45 g	4,5 mm		●			
	Hypermatch		0,33 g	4,5 mm	●	●		●	
Professional Line	Meisterkugeln		0,53 g	4,5 mm	●				
			0,45 g	4,5 mm		●			
			0,91 g	5,5 mm				●	
Sport Line	Club		0,45 g	4,5 mm	●	●			
	Hobby		0,45 g	4,5 mm	●	●			
			0,77 g	5,5 mm	●				
	Training		0,53 g	4,5 mm	●				
Field Line	Supermag		0,60 g	4,5 mm				●	●
	Superdome		0,54 g	4,5 mm				●	
			0,94 g	5,5 mm				●	●
	Superpoint Extra		0,53 g	4,5 mm				●	●
			0,94 g	5,5 mm				●	
	Super-H-Point		0,45 g	4,5 mm				●	
			0,92 g	5,5 mm				●	
	Super Field		0,54 g	4,5 mm			●	●	
			1,03 g	5,5 mm				●	
	Hypermax		0,34 g	4,5 mm				●	●
			0,64 g	5,5 mm				●	●
	Hyperdome		0,36 g	4,5 mm				●	●
		0,71 g	5,5 mm				●	●	
Power Piercing		0,58 g	4,5 mm				●	●	
		0,89 g	5,5 mm				●	●	
Power Ball		0,61 g	4,5 mm			●	●	●	
Power Bolt		0,92 g	4,5 mm				●	●	
			1,60 g	5,5 mm				●	●

*Alin Moldoveanu
Gold medalist Olympic Games 2012*



READY FOR SUCCESS

'I have been shooting RWS R10 match air rifle 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 rifle pellets. They helped me win the Olympics. Thanks, RWS!'

*Alin Moldoveanu -
Gold medalist Olympic Games 2012*



PREMIUM LINE

Premium Match pellets – Highest quality for top sports

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. New in the RWS premium range is the first lead-free RWS match pellet Hypermatch. R10 Match pellets are the top choice of the world's elite shooters as well as ambitious club shooters interested in high performance.

product	order no.	calibre mm	pellet weight g	diameter mm	pellet length mm	single pack	sales pack
R 10 MATCH PLUS / 0,53 g	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
R 10 MATCH / 0,53 g	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
R 10 MATCH / 0,45 g	231 54 40	4,5	0,45	4,48	5,4	500	5000
	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
HYPERMATCH / 0,33 g	231 88 69	4,5	0,33	4,50	5,6	250	2500





Maximilian Dallinger -
Twice the Junior European Champion

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.



product	order no.	calibre mm	pellet length g	diameter mm	pellet length mm	single pack	sales pack
MEISTERKUGELN / 0,53 g	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
MEISTERKUGELN / 0,91 g	213 59 30	5,5	0,91		6,4	500	2500
	213 59 22	4,5	0,45	4,48	5,4	500	5000
MEISTERKUGELN / 0,45 g	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



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.

RWS HOBBY

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

RWS TRAINING

The new 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 Matchkugeln in this weight class.

product	order no.	calibre mm	pellet weight g	pellet length mm	single pack	sales pack
CLUB	213 61 98	4,5	0,45	5,2	500	5000
HOBBY	213 64 06	4,5	0,45	5,3	500	5000
	213 64 30	5,5	0,77	6,4	500	2500
TRAINING	231 88 72	4,5	0,53	5,5	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.

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.

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.

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.

RWS SUPER FIELD

The new 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.

product	order no.	calibre mm	pellet weight g	diameter mm	pellet length mm	single pack	sales pack
SUPERMAG	213 67 59	4,5	0,60		6,0	500	5000
	231 71 62	4,5	0,54	4,51	6,6	500	5000
SUPER FIELD	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
SUPERDOME	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
SUPERPOINT EXTRA	213 67 16	4,5	0,53		7,0	500	5000
	213 67 24	5,5	0,94		8,7	500	2500
SUPER-H-POINT	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



LEAD FREE AIR GUN PELLETS

For maximum velocity, accuracy and effectiveness at pest control

The new RWS air gun pellets made of tin are environmentally friendly and eliminate lead fouling in the rifle bore.

RWS HYPERMAX

RWS HYPERMAX air gun pellets have the power to impress with up to 25-30% higher velocity, best performance and high accuracy. The conical point assures an extraordinary penetrating power.

RWS HYPERDOME

RWS HYPERDOME air gun pellets are light, high-speed pellets and, thanks to their "bulldog" head shape, pair great penetrating power with extraordinary accuracy.



POWER PERFORMANCE PELLETS

Designed primarily for hunting and silhouette shooting

RWS POWER PIERCING



The RWS POWER PIERCING is a smooth skirted air rifle pellet with an extremely sharp lead hollow point. It combines the advantages of both bullet types: Maximum impact power, high energy transfer at the target, and high slug impact with stunning precision values.

RWS POWER BALL

The RWS POWER BALL features a coated steel ball embedded into the pellet. That ensures high-depth impact and penetration at the target. The precision: nearly match quality.

RWS POWER BOLT

The RWS POWER BOLT is a super heavy air gun pellet designed for pest control on average distances.

product	order no.	calibre mm	pellet weight g	pellet length mm	single pack	sales pack
HYPERMAX 	231 81 61	4,5	0,34	7,10	200	2000
	231 81 96	5,5	0,64	8,60	150	1500
HYPERDOME 	231 81 62	4,5	0,36	6,45	200	2000
	231 81 63	5,5	0,71	7,80	150	1500
POWER PIERCING	240 00 64	4,5	0,58	8,8	200	1200
POWER PIERCING	231 86 03	5,5	0,89	9,4	100	600
POWER BALL	231 86 05	4,5	0,61	7,1	200	1200
POWER BOLT	231 88 71	4,5	0,92	8,9	150	900
POWER BOLT	231 88 70	5,5	1,60	9,1	100	600



Jean Quiquampoix

*Jean Quiquampoix
Silver medalist Olympic Games 2016*

PISTOL AMMUNITION

The perfect loading for everyone's requirements

Whether in the Olympic air pistol discipline, 25 m pistol, Olympic rapid fire pistol or free pistol, every shooter is aware of the difficulty of the pistol discipline and knows that their ability will be tested.

Therefore, the ammunition must be accurate and reliable. RWS offer pistol shooters a variety of ammunition for specific competitions and training. The optimum development of the rimfire cartridge is taken care of: from soft and consistent shot development, with noticeably gentle recoil to high velocity and a stronger recoil action – RWS offers the right cartridge for every requirement.


After extensive research special ammunition has been developed for the air pistol discipline. Both of the High

Velocity pellets R10 MATCH and Meisterkugeln have been custom-made for pistol shooters and are lighter and faster than normal air gun pellets. With these High Velocity pellets RWS produces the fastest match pellets on the market.

For air gun shooters, RWS recommends:

- R10 Match and Match plus High Velocity air pistol pellets

And for small bore pistol shooters:

- R50
- Pistol Match or Pistol Match 
- Target Pistol



German Shooting Sport
Federation National Team



Hungarian Shooting
Federation



French Shooting
Federation



Swiss Shooting
Federation

RWS - PARTNER OF ELITE SPORTS

High performance ammunition for high performance athletes

With our RWS brand, we are proud to be the official partner of shooting squads of many international sport shooting associations, national state associations and to provide support (especially for biathlons) for a great number of training operations as well as to make appearances at national and international competitions.

As a globally renowned manufacturer and supplier of ammunition we are able to make a special contribution to the outstanding results of many shooters and, at the same time, take part in their success.

Keeping pace with the continuing increases in our reputation and the high quality of our products, our involvement in recent years has increased as well. Accordingly, more and more successful, top athletes rely on small bore ammunition and air gun pellets by RWS.

We are the partner of the DSB national team and the Swiss, French and Hungarian shooting sport associations, and we are looking forward to continue supporting them in the future!



THE AMMUNITION COUNTS



German Shooting Sport Federation National Team



Swiss Shooting Federation



French Shooting Federation



Hungarian Shooting Federation



RWS IS AN OFFICIAL PARTNER