



WORLD NOVELTY



SmartMagnum™

10,3x68 Mag. - The new dimension



IT'S A MAGNUM, A SMARTMAGNUM™

Even we hunters avidly chase the latest trends and often let the old ways – which we may have followed for years, or even decades – fall into disuse. Progress is unstoppable, yet it is still worthwhile to look to the past since proven principles have been developed that have often been practiced for generations – and for good reason. Things get interesting when a new idea is born out of both tradi-

tional solutions and modern developments to reveal new horizons and possibilities. On the following pages, you can learn everything about the new 10.3x68 Magnum – the new dimension in rifle calibres.

Hannes Dikhoft
RWS Product Manager



THE TIME IS RIPE TO MATE THE TRADITIONAL WITH THE MODERN

Hunters in the mountainous Swiss canton of Graubünden have relied on the effectiveness of 10.3 mm calibres for the past 150 years. Rimfire Peabodys developed during America's civil war as well as Vetterli and Martini stalking carbines developed after 1867 were the predecessors of the 10.3x60R, to this day the iconic calibre of the Bündner hunter. Members of countless hunting dynasties shot entire lifetimes' worth of chamois, red stag and roe deer with the same rifle, passed on from one generation to the next. Thanks to the effectiveness of its large bullet diameter alone, it caused no problems and always worked.

As time passed, the demands of the hunter changed. Overseas hunting trips, long shots in the mountains and the need for greater stopping power on driven game hunts posed new challenges to the 10.3x60R, especially beyond the borders of Canton Graubünden. One soon realized that there was a definite potential for performance improvement in a cartridge that already worked very well.

Visionary designer Peter Vonow focused on this idea to pursue his desire to exploit the advantages of a large bullet diameter. In the end, he developed an effective universal cartridge for the passionate hunter. The well-known .416 Rem. Mag., .404 Jeffery and 10.75x68 Mauser large game cartridges played important roles as godparents to the new round.

Combined with the legendary RWS case length of 68 mm, the 10.3 mm bullet diameter proves to be optimal for satisfying the most modern of hunting requirements. Thus was born the fundamental idea for the 10.3x68 Magnum calibre. A reduced case length of 68 mm serves as the basis for a balanced, very well-mannered cartridge that offers a unique palette of bullet weights between 11 and 26 grams (169 – 401 grains). Performance levels vary between the .30-06 and the .416 Rem. Mag. with correspondingly comfortable shooting qualities. In this way, the 10.3x68 Mag. uniquely and effectively covers the entire hunting spectrum from marmots to the largest African buffalos.

Born of an idea, the 10.3x68 Magnum opens the door to a new dimension in hunting.



10.3X68 MAGNUM – THE NEW DIMENSION

The uncompromising characteristics of the 10.3x68 Mag. unite long-standing tradition with the newest technologies, opening the door to a new dimension in hunting. Its large

cross-sectional area, choice of bullet weights, and staggering stopping power with comfortable recoil make this calibre unique.

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 dis-

tances 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

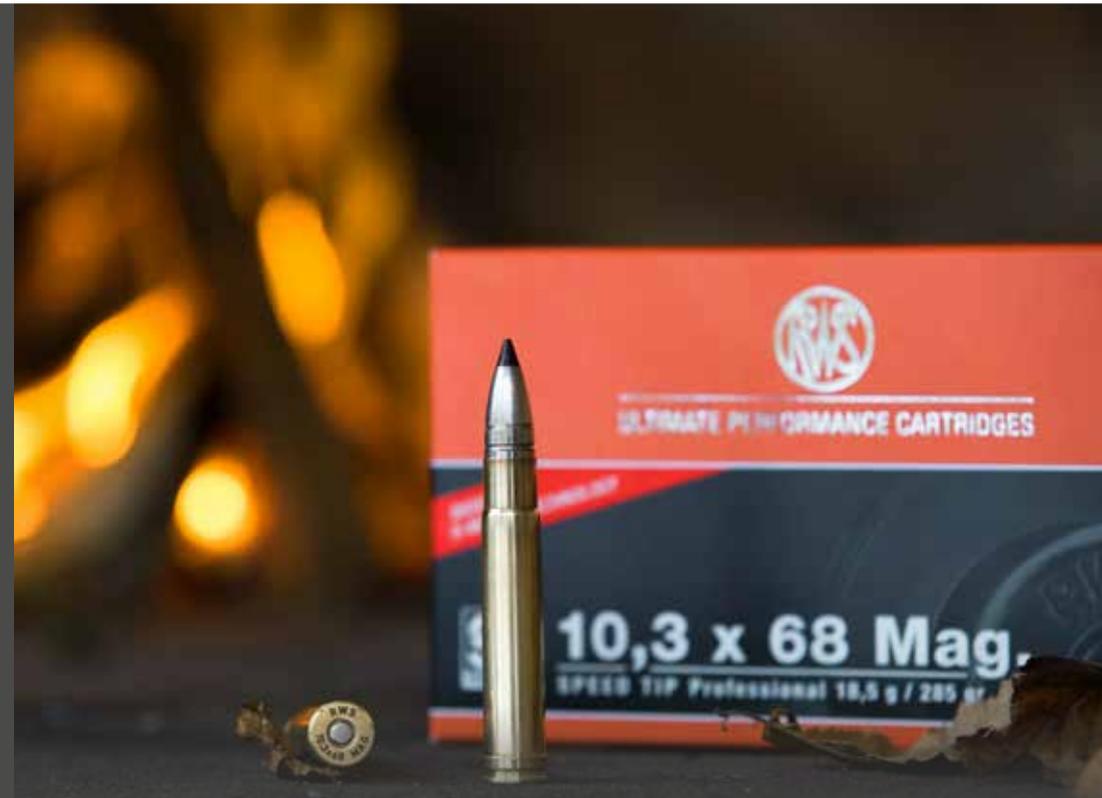
The 10.3x68 Mag. redefines comfortable shooting in the magnum class and expands the useful range of magnum cartridges into an entirely new dimension. Regardless of impact velocity, the enlarged cross-sectional area

assures an extraordinarily great shock effect in the body of the game animal. The variety of bullet weights supports the versatility of this calibre.

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.



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 



EVOLUTION GREEN

Satisfying shocking power - 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.

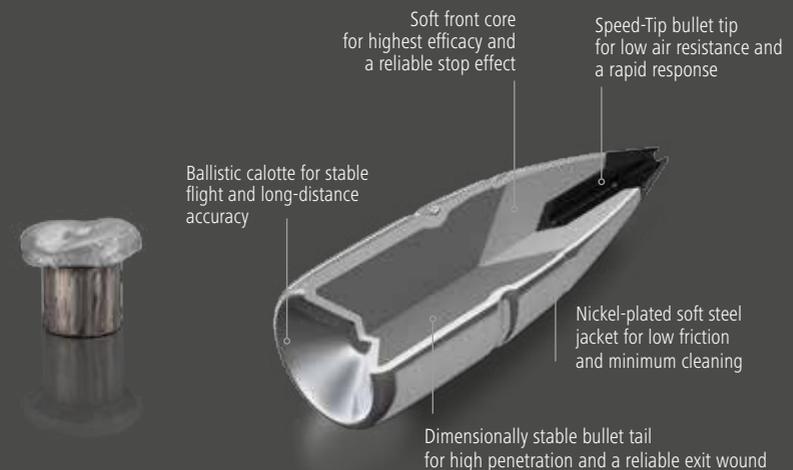
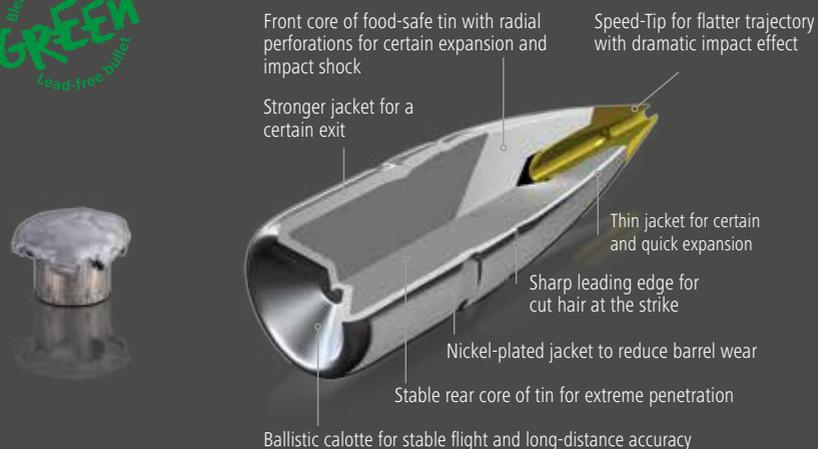


SPEED TIP PRO

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.



THE 10.3X68 MAGNUM IN ITS ELEMENT

The 10.3x68 Mag. reveals its full performance potential during a hunt for a capital wild boar in the new RWS trailer. Breath-taking land-

scapes and spectacular vistas make this trailer an unforgettable experience. See for yourself at www.rws-ammunition.com.

BALLISTIC DATA

10,3x68 Mag. - EVO GREEN 13,5 g / 208 gr

		Barrel length 650 mm						
Distance	(m)	0	50	100	150	200	250	300
Vvelocity	(m/s)	920	861	805	753	702	652	604
Energy	(J)	5713	5004	4374	3827	3326	2869	2463
⊕ 100 m	(cm)		-0,8	⊕	-2,9	-10,2	-22,5	-40,6
RZR* ⊕ 184 m	(cm)		1,2	4,0	3,1	-2,2	-12,4	-28,5

*RZR = Recommended Zero Range

Ballistic coefficient : 0,271

10,3x68 Mag. - SPEED TIP PRO 18,5 g / 285 gr

		Barrel length 650 mm						
Distance	(m)	0	50	100	150	200	250	300
Velocity	(m/s)	810	771	734	698	662	628	593
Energy	(J)	6069	5499	4983	4507	4054	3648	3253
⊕ 100 m	(cm)		-0,4	⊕	-4,1	-13,3	-28,1	-49,0
RZR* ⊕ 167 m	(cm)		1,6	4,0	1,9	-5,3	-18,1	-37,0

*RZR = Recommended Zero Range

Ballistic coefficient : 0,379



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