



The Lapua .223 Remington

For decades Lapua has concentrated in developing components and production machinery for target shooting cartridges. This determination has created the legendary quality sport shooting cases. They have been measured and manufactured to be strong and uniformly precise. Lapua cases are manufactured to be reloaded, again and again, dozens of times.

The Lapua .223 Remington match ammunition has been designed to match the strict demands of sport shooting. The base, body and neck of the case are perfected to maintain exact tolerances over multiple reloading cycles. Advanced metallurgical research and manufacturing techniques ensure that Lapua cases are leaders in uniformity and quality.



The case

The Lapua .223 Remington case is produced with extremely tight tolerances including neck concentricity, base straightness and wall thickness. Consistent quality guarantees consistent results. The large case volume ensures high velocity potential. Strong case construction, optimized strength and grain structure allow multiple reloading cycles.

The bullets

The Lapua bullets are known for their accuracy and superior ballistic design. The Scenar and FMJ bullets are available for the Lapua .223 Remington. The FMJ bullet is designed for hunting.

Lapua offers a magazine length bullet of higher Ballistic Coefficient for Service Rifle category of HighPower rifle competition. The Lapua 77 grain Scenar provides long-range wind-bucking ability for the 300 yard line, and beyond.

.223 Remington

SPORT SHOOTING CARTRIDGES, centerfire rifle

METRIC DATA

Caliber	Product no.	Bullet type Weight (grams/grains) Code	Velocity [m/s] (Note barrel length) Energy [J]				Rifle sighted in at	Trajectory [mm]			Test barrel length [mm]
			Crosswind drift [mm] (wind 4 m/s)					Impact point above or below line of sight when scope 40 mm above bore line			
			0 m	200 m	400 m	600 m		200 m	400 m	600 m	
.223 Rem.	4315510	Scenar 4,5 g / 69 gr GB501	925	733	566	428	150 m	-62	-826		610
			1 925	1 209	721	412	300 m	155	-384	-2204	
			0	106	481	1248	500 m	590	477	-875	

IMPERIAL DATA

Caliber	Product no.	Bullet type Weight (grams/grains) Code	Velocity [fps] (Note barrel length) Energy [ft.-lbs.]				Rifle sighted in at	Trajectory [inch]			Test barrel length [inch]
			Crosswind drift [in.] (wind speed 13 fps)					Impact point above or below line of sight when scope 1.6 inch above bore line			
			0 yd.	200 yds.	400 yds.	600 yds.		200 yds.	400 yds.	600 yds.	
.223 Rem.	4315510	Scenar 69 gr / 4,5 g GB501	3 030	2 462	1 957	1 525	150 yds.	-1.9	-25.6		24
			1 420	935	590	360	300 yds.	4.9	-12.0	-66.1	
			0	3.5	15.4	39.0	500 yds.	18.2	14.6	-26.1	

HUNTING CARTRIDGES

METRIC DATA

Caliber	Product no.	Bullet type Weight (grams/grains) Code	Velocity [m/s] (Note barrel length) Energy [J]						Rifle sighted in at	Trajectory [mm]					GEE PBR [m]	Test barrel length [mm]*
			Crosswind drift [mm] (wind 4 m/s)							Impact point above or below line of sight when scope 1.6 inch above bore line						
			0 m	50 m	100 m	150 m	200 m	300 m		50 m	100 m	150 m	200 m	300 m		
.223 Rem 5.56 mm	4315040	FMJ 3,6 g / 55 gr S538	955	888	825	765	707	598	100 m	-4	0	-32	-105	-409	188	660
			1 642	1 421	1 225	1 052	899	645	150 m	6	21	0	-63	-346		
			0	8	32	74	137	333	200 m	22	53	47	0	-251		

RELOADING COMPONENTS

Caliber	BRASS CASES		Caliber	BULLETS				WEIGHT			
	Product code	Designation		Product code	Application (diameter mm/inch)	Bullet name	Product code	Type	g	grs	Ballistic coefficient
5,69 mm (.224)	4PH5003	.223 Rem (5.56 x 45)	.22	4PL5004	.223 Rem (5,69 mm / .224)	Soft Point	E372	SP	3.60	55	0.202
			4PL/HL5005	.223 Rem (5,69 mm / .224)	Spitzer	S538	FMJ	3.60	55	0.251	
			4PL/HL5010	.223 Rem (5,69 mm / .224)	Scenar	GB501	HPBT	4.50	69	0.321	
			NEW 4PL/HL5012	.223 Rem (5,69 mm / .224)	Scenar	GB527	HPBT	5.00	77	0.402	

Case construction



Base

The base section is hard and strong, and the dimensions remain constant even after repeated reloading. No risk of an expanded base or loose primer pockets.

Body

The brass body section is hard and firm. It is easy to extract after firing, especially if only necksizing was used in reloading.

Neck

Strict tolerances in concentricity and wall thickness are used in manufacturing. The neck and shoulder are annealed to withstand repeated reloading.

Bullet type



Scenar



FMJ



Soft Point



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