



The original .338 Lapua Magnum

During the years the .338 Lapua Magnum has received a steady footstep in many western hemisphere armies and similar organizations. This is why:

Weight factor – Compared to other Sniper Rifle Systems it is slightly heavier than 7.62 NATO but half the weight of .50 BMG.

The .338 Lapua Magnum fills the gap between the 7.62 mm and .50 caliber sniping systems. The .338 Lapua Magnum has an effective range up to 1500 meters but the sniper rifle still has the size and weight approximately similar to the 7.62 mm NATO caliber systems.

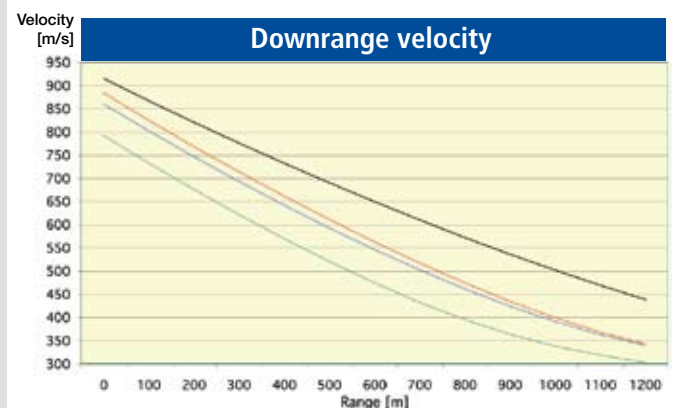
Downrange velocity – Other calibers stay way behind – greater down range velocity also means better penetration and less sensitivity to crosswind. See chart.

Lapua offers a complete selection of the .338 Lapua Magnum ammunition including Ball, Armour Piercing, Armour Piercing Incendiary, HPBT, Blank and Drill cartridges.

Bullet path – It has a straighter bullet path meaning longer effective range and reduced influence of errors with range estimation.

The Sniper Ball B 408 features a 250 gr (16,2 g) Lock Base FMJBT bullet. The bullet maintains its velocity supersonic up to 1300 meters. The AP485 features a 16,1 g Armour Piercing bullet having trajectory tailored to match the B408 Ball path. The worlds most accurate armour piercing ammunition still has penetration power to 10 mm armour steel plate after 800 meters.

Some cartridges are hermetic and packed in M2A1, optional for all products. Excellent performance with all leading manufacturers' weapons.



- .338 Lapua Magnum (Lapua 16.2 g HPBT)
- .300 Win Mag (12.3 g HPBT)
- 7.62x51 HPS (Lapua 11 g FMJBT)
- 7.62 mm M118LR (11.3 g HPBT)

.338 Lapua Magnum



Some of the products are available for authorities' use only.

METRIC DATA

Caliber	Product no.	Bullet type Weight (gram/grain) Code	Velocity [m/s] Energy [J] Crosswind drift [mm] (sidewind 4 m/s)							Trajectory [mm] Rifle sighted in at Impact point above or below line of sight (Scope 40 mm above bore line)							Test barrel length [mm]
			0 m	100 m	200 m	300 m	600 m	800 m	1000 m	100 m	200 m	300 m	600 m	800 m	1000 m		
			* NOTE: Required twist is 1 turn in 250mm / 10" or faster. ● Sport Shooting ● Hunting ● Special Purpose														
.338 Lapua Mag. (8.6x70)	N318020	Naturalis 15,0 g / 231 gr N508	920	835	753	674	473	375		100	0	-100	-374	-2729	-6375		680
			6348	5233	4251	3410	1678	1054		300	125	149	0	-1982	-5378		
			0	21	88	211	1014	2024		600	455	809	991	0	-2736		
	4318017	Scenar 16,2 g / 250 gr GB488	905	856	808	762	631	551	477	100	0	-93	-336	-2164	-4570	-8274	680
			6634	5937	5294	4703	3225	2457	1840	300	112	131	0	-1493	-3674	-7155	
	4318033	Lock Base 16,2 g / 250 gr B408	900	850	800	751	611	525	444	100	0	-95	-343	-2231	-4753	-8711	680
			6561	5846	5179	4563	3023	2230	1600	300	114	134	0	-1544	-3838	-7567	
	4318035	Armour Piercing 16,1 g / 248 gr AP485	905	848	794	741	595	509	431	100	0	-96	-346	-2282	-4901	-9046	680
			6593	5794	5069	4417	2851	2084	1496	300	115	135	0	-1589	-3977	-7891	
	4318048	Armour Piercing Incendiary API526	895	840	786	735	592	508	431	100	0	-98	-355	-2325	-4982	-9171	680
6568			5782	5068	4425	2876	2113	1527	300	118	138	0	-1615	-4035	-7987		
4318013	Scenar 19,4 g / 300 gr GB528	830	789	750	712	605	539	478	100	0	-117	-407	-2524	-5231	-9289	680*	
		6696	6054	5465	4925	3558	2827	2223	300	136	155	0	-1710	-4146	-7932		
			0	12	47	109	469	880	1457	600	421	725	855	0	-1865	-5082	

IMPERIAL DATA

Caliber	Product no.	Bullet type Weight (gram/grain) Code	Velocity [fps] Energy [ft.-lbs.] Crosswind drift [inch] (sidewind 13 fps)							Trajectory [inch] Rifle sighted in at Impact point above or below line of sight (Scope 1.6 inch above bore line)							Test barrel length [inch]
			0 yd.	100 yd.	200 yd.	300 yd.	600 yd.	800 yd.	1000 yd.	100 yd.	200 yd.	300 yd.	600 yd.	800 yd.	1000 yd.		
			* NOTE: Required twist is 1 turn in 250mm / 10" or faster. ● Sport Shooting ● Hunting ● Special Purpose														
.338 Lapua Mag. (8.6x70)	N318020	Naturalis 15,0 g / 231 gr N508	3018	2764	2515	2276	1651	1328		100	0	-3	-11	-83	-192		27
			4681	3925	3251	2663	1401	906		300	4	5	0	-61	-162		
			0	1	3	7	32	64		600	14	25	30	0	-81		
	4318017	Scenar 16,2 g / 250 gr GB488	2970	2823	2680	2539	2141	1896	1666	100	0	-3	-10	-68	-143	-256	27
			4896	4424	3985	3579	2545	1994	1540	300	3	4	0	-47	-115	-222	
	4318033	Lock Base 16,2 g / 250 gr B408	2953	2802	2652	2504	2080	1816	1568	100	0	-3	-11	-70	-148	-268	27
			4840	4356	3902	3479	2401	1831	1365	300	4	4	0	-49	-120	-233	
	4318035	Armour Piercing 16,1 g / 248 gr AP485	2970	2800	2635	2475	2030	1764	1520	100	0	-3	-11	-71	-152	-278	27
			4866	4324	3829	3379	2274	1716	1275	300	4	4	0	-50	-124	-243	
	4318048	Armour Piercing Incendiary API526	2935	2769	2608	2452	2017	1756	1518	100	0	-3	-11	-73	-155	-283	27
4840			4308	3821	3377	2287	1733	1295	300	4	4	0	-51	-126	-246		
4318013	Scenar 19,4 g / 300 gr GB528	2723	2600	2482	2367	2042	1842	1653	100	0	-4	-13	-80	-165	-291	27*	
		4938	4504	4102	3731	2778	2259	1819	300	4	5	0	-54	-131	-249		
			0	0	2	4	15	28	46	600	13	23	27	0	-58	-158	

Bullet types

Scenar 300 gr



Scenar 250 gr



AP 248 gr



Lock Base 250 gr



API 253 gr



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