



# 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.

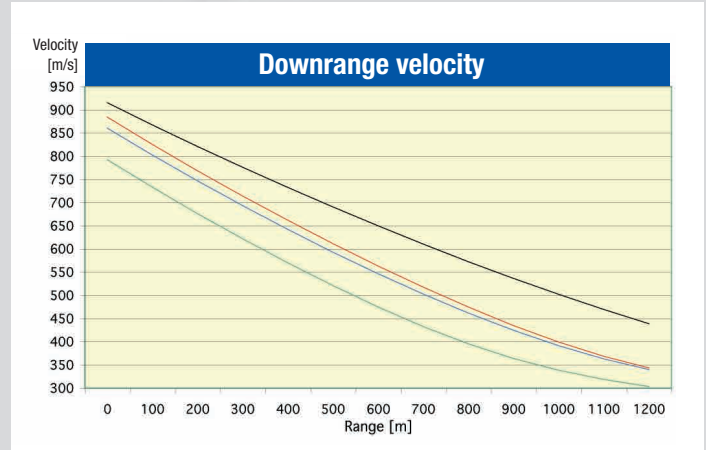
**Downrange velocity** – Other calibers stay way behind – greater down range velocity also means better penetration and less sensitivity to crosswind. See chart.

Nammo 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 (grams/grains) Code	Velocity [m/s] (Note barrel length) Energy [J] Crosswind drift [mm] (wind 4 m/s)					Rifle sighted in at	Trajectory [mm]				Test barrel length [mm]	Ballistic coefficients Velocity range (m/s)				
									Impact point above or below line of sight when scope 40 mm above bore line									
			0 m	500 m	800 m	1000 m	1200 m		500 m	800 m	1000 m	1200 m		> 830	830-600	600-380	380-300	<300
.338 Lapua Magnum	4318017	Scenar 16,2 g / 250 gr GB488	905	679	558	485	421	500 m	0	-2 372			690	0.675	0.645	0.628	0.578	0.728
			6 635	3 733	2 520	1 907	1 436	800 m	1 483	0	-2 579							
								1100 m	3 498	3 224	1 451	-1 976						
	4318033	Lock Base 16,2 g / 250 gr B408	900	663	529	448	379	500 m	0	-2 503			690	0.662	0.603	0.536	0.455	0.724
6 560			3 556	2 263	1 624	1 161	800 m	1 564	0	-2 767								
							1100 m	3 787	3 557	1 678	-2 255							
4318035	Armour Piercing 16,1 g / 248 gr AP485	905	652	518	440	376	500 m	0	-2 591			690	0.602	0.567	0.546	0.523	0.724	
		6 595	3 419	2 157	1 556	1 140	800 m	1 619	0	-2 857								
							1100 m	3 918	3 679	1 742	-2 341							
4318048	Armour Piercing Incendiary 16,4 g / 253 gr API 526	895	670	549	476	413	500 m	0	-2 439			690	0.670	0.640	0.615	0.570	0.726	
		6 568	3 679	2 472	1 862	1 400	800 m	1 524	0	-2 649								
							1100 m	3 597	3 316	1 496	-2 060							

\* NOTE: Required twist is 1 turn in 250 mm or faster. Maximum barrel length 450 mm.

Remark: Ballistic coefficients are based on the result of radar tests.

## IMPERIAL DATA

Caliber	Product no.	Bullet type Weight (grains / grams) Code	Velocity [fps] (Note barrel length) Energy [ft.-lbs.] Crosswind drift [in.] (wind speed 13 fps)					Rifle sighted in at	Trajectory [inch]				Test barrel length [inch]	Ballistic coefficients Velocity range (m/s)				
									Impact point above or below line of sight when scope 1.6 inch above bore line									
			0 yd.	600 yds.	900 yds.	1100 yds.	1300 yds.		600 yds.	900 yds.	1100 yds.	1300 yds.		> 830	830-600	600-380	380-300	<300
.338 Lapua Magnum	4318017	Scenar 250 gr / 16.2 g GB488	2 970	2 161	1 801	1 585	1 392	600 yds.	0	-90.8			27	0.675	0.645	0.628	0.578	0.728
			4 893	2 591	1 801	1 395	1 076	900 yds.	60.5	0	-94.6							
								1200 yds.	140.8	120.4	52.6	-69.7						
	4318033	Lock Base 250 gr / 16.2 g B408	2 953	2 104	1 702	1 462	1 255	600 yds.	0	-96.3			27	0.662	0.603	0.536	0.455	0.724
4 840			2 456	1 608	1 187	874	900 yds.	64.2	0	-101.6								
							1200 yds.	152.9	133.0	60.9	-79.6							
4318035	Armour Piercing 248 gr / 16,1 g AP485	2 970	2 064	1 667	1 435	1 245	600 yds.	0	-100.0			27	0.602	0.567	0.546	0.523	0.724	
		4 865	2 350	1 533	1 137	855	900 yds.	66.7	0	-104.9								
							1200 yds.	158.4	137.6	63.2	-82.8							
4318048	Armour Piercing Incendiary 253 gr / 16,4 g API 526	2 935	2 131	1 773	1 557	1 366	600 yds.	0	-93.5			27	0.670	0.640	0.615	0.570	0.726	
		4 845	2 553	1 766	1 362	1 049	900 yds.	62.3	0	-97.1								
							1200 yds.	144.9	123.8	54.2	-72.8							

\* NOTE: Required twist is 1 turn in 10" or faster. Maximum barrel length 18".

Remark: Ballistic coefficients are based on the result of radar tests.

## Bullet types



Scenar



AP



Lock Base



API



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