



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.

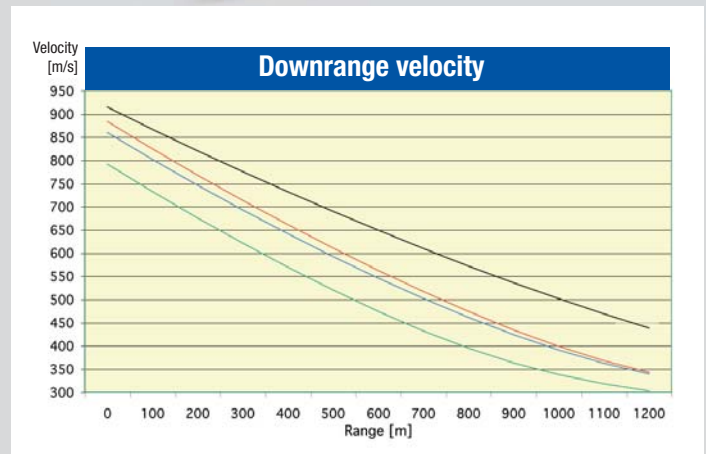
Downrange velocity – Other calibers stay way behind – greater down range velocity also means better penetration and less sensitivity to crosswind. See chart.

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 B408 Ball 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)					Trajectory [mm]				Test barrel length [mm]	Ballistic coefficients Velocity range (m/s)					
								Rifle sighted in at	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 6 635 0	679 3 733 341	558 2 520 958	485 1 907 1 627	421 1 436 2 507	500 m 800 m 1100 m	0 1 483 3 498	-2 372 0 3 224	-2 579 1 451 -1 976	690	0.675	0.645	0.628	0.578	0.728	
	4318033	Lock Base 16,2 g / 250 gr B408	900 6 560 0	663 3 556 365	529 2 263 1 054	448 1 624 1 809	379 1 161 2 863	500 m 800 m 1100 m	0 1 564 3 787	-2 503 0 3 557	-2 767 1 678 -2 255	690	0.662	0.603	0.536	0.455	0.724	
	4318035	Armour Piercing 16,1 g / 248 gr AP485	905 6 595 0	652 3 419 393	518 2 157 1 135	440 1 556 1 925	376 1 140 3 014	500 m 800 m 1100 m	0 1 619 3 918	-2 591 0 3 679	-2 857 1 742 -2 341	690	0.602	0.567	0.546	0.523	0.724	
	4318048	Armour Piercing Incendiary 16,4 g / 253 gr API 526	895 6 568 0	670 3 679 349	549 2 472 980	476 1 862 1 663	413 1 400 2 569	500 m 800 m 1100 m	0 1 524 3 597	-2 439 0 3 316	-2 649 1 496 -2 060	690	0.670	0.640	0.615	0.570	0.726	

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)					Trajectory [inch]				Test barrel length [inch]	Ballistic coefficients Velocity range (m/s)					
								Rifle sighted in at	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 4 893 0	2 161 2 591 16.5	1 801 1 801 40.3	1 585 1 395 64.9	1 392 1 076 96.4	600 yds. 900 yds. 1200 yds.	0 60.5 140.8	-90.8 0 120.4	-94.6 52.6 -69.7	27	0.675	0.645	0.628	0.578	0.728	
	4318033	Lock Base 250 gr / 16,2 g B408	2 953 4 840 0	2 104 2 456 17.6	1 702 1 608 44.4	1 462 1 187 72.2	1 255 874 110.0	600 yds. 900 yds. 1200 yds.	0 64.2 152.9	-96.3 0 133.0	-101.6 60.9 -79.6	27	0.662	0.603	0.536	0.455	0.724	
	4318035	Armour Piercing 248 gr / 16,1 g AP485	2 970 4 865 0	2 064 2 350 19.0	1 667 1 533 47.8	1 435 1 137 76.9	1 245 855 115.9	600 yds. 900 yds. 1200 yds.	0 66.7 158.4	-100.0 0 137.6	-104.9 63.2 -82.8	27	0.602	0.567	0.546	0.523	0.724	
	4318048	Armour Piercing Incendiary 253 gr / 16,4 g API 526	2 935 4 845 0	2 131 2 553 16.8	1 773 1 766 41.3	1 557 1 362 66.4	1 366 1 049 98.8	600 yds. 900 yds. 1200 yds.	0 62.3 144.9	-93.5 0 123.8	-97.1 54.2 -72.8	27	0.670	0.640	0.615	0.570	0.726	

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

Bullet types



Scenar



AP



Lock Base



API



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