



LAPUA



TACTICAL AMMUNITION



TACTICAL

The most accurate long-range cartridges

The accuracy and reliability of Lapua's tactical ammunition is renowned worldwide. Each cartridge is manufactured with the same unconditional precision and care as our leading sport shooting target ammunition. Our pinnacle of precision and quality is the .338 Lapua Magnum, which has an effective range out to 1500 meters. Despite this, the .338 Lapua Magnum operating systems are about the same size and weight as the 7.62mm systems. It's considerably lighter than the .50 caliber system making it an exceptional alternative to either platform.

Lapua is world renowned for offering the highest quality ammunition for elite forces and military / law enforcement professionals around the globe. All of Lapua's Tactical ammunition is produced to the same match-grade requirement as our target ammunition.

TACTICAL BULLETS // BALLISTIC COEFFICIENT

.338 BULLETS

BULLET NAME	Weight	Code	Ballistic coefficient G1 Velocity range [m/s] / [fps]					Ballistic coefficient G7
			> 830 m/s > 2720 fps	830-600 m/s 2720-1970 fps	600-380 m/s 1970-1250 fps	380-300 m/s 1250-980 fps	<300 m/s <980 fps	
Naturalis (Solid)	15.0 g / 231 gr	N508	0.373	0.363	0.276	0.397		0.193
Scenar	16.2 g / 250 gr	GB488	0.648	0.632	0.588	0.613		0.322
Lock Base	16.2 g / 250 gr	B408	0.625	0.589	0.527	0.545		0.310
Armour Piercing	16.1 g / 248 gr	AP485	0.564	0.562	0.539	0.559		0.289
Armour Piercing Incendiary	16.4 g / 253 gr	API526	0.554	0.531	0.482	0.480		0.269
Scenar	19.4 g / 300 gr	GB528	0.736	0.756	0.726	0.728		0.368
Armour Piercing	19.4 g / 300 gr	AP529	0.726	0.707	0.683	0.632		0.366
Armour Piercing Incendiary	19.4 g / 300 gr	API571	0.738	0.726	0.690	0.638		0.369

.30 BULLETS

BULLET NAME	Weight	Code	Ballistic coefficient G1 Velocity range [m/s] / [fps]					Ballistic coefficient G7
			> 830 m/s > 2720 fps	830-600 m/s 2720-1970 fps	600-380 m/s 1970-1250 fps	380-300 m/s 1250-980 fps	<300 m/s <980 fps	
Scenar-L	10.0 g / 155 gr	GB552	0.473	0.459	0.436	0.442		0.230
Armour Piercing	10.7 g / 165 gr	AP492	0.447	0.425	0.382	0.313		0.213
Armour Piercing	10.8 g / 167 gr	AP555	0.454	0.428	0.383	0.318		0.218
Lock Base	11.0 g / 170 gr	B476	0.511	0.476	0.402	0.287		0.249
			> 740 m/s > 2430 fps	740-550 m/s 2430-1800 fps	550-380 m/s 1800-1250 fps	380-300 m/s 1250-980 fps	< 300 m/s < 980 fps	> 380 m/s > 1250 fps
Scenar	10.85 g / 167 gr	GB422	0.473	0.446	0.405	0.365		0.223
Naturalis (Solid)	11.0 g / 170 gr	N558	0.367	0.353	0.365	0.429		0.177
Scenar-L	11.3 g / 175 gr	GB550	0.488	0.482	0.469	0.507		0.247
MaxRT	11.3 g / 175 gr	GB581	0.575	0.550	0.485	0.388		0.286
Scenar	12.0 g / 185 gr	GB432	0.503	0.486	0.453	0.468		0.242
D46	12.0 g / 185 gr	D46	0.527	0.510	0.460	0.461		0.254
Subsonic	13.0 g / 200 gr	B416				0.515	0.413	0.229

6.5 MM / .264 BULLETS

BULLET NAME	Weight	Code	Ballistic coefficient G1 Velocity range [m/s] / [fps]					Ballistic coefficient G7
			> 830 m/s > 2720 fps	830-600 m/s 2720-1970 fps	600-380 m/s 1970-1250 fps	380-300 m/s 1250-980 fps	<300 m/s <980 fps	
Scenar	8.0 g / 123 gr	GB489	0.536	0.523	0.483	0.441		0.263
Scenar-L	8.8 g / 136 gr	GB546	0.564	0.539	0.521	0.533		0.274
MaxRT	9.3 g / 144 gr	GB582	0.670	0.638	0.599	0.474		0.355
Armour Piercing	9.4 g / 145 gr	AP570	0.591	0.574	0.498	0.483		0.297

For ultimate accuracy and precision, Lapua uses radar based data for all tactical projectile ballistics.

INDUSTRY STANDARD SINCE THE 80'S

The world's most accurate at extra-long distances. We are proud to say that the .338 Lapua Magnum is simply the world's best long-range precision cartridge – the original one from Lapua. It outperforms all .30 caliber cartridges at longer ranges, delivering exceptional performance up to 1500 m. The .338 Lapua Magnum comes factory loaded with a choice of world leading precision bullets.

.338 Lapua Magnum - The global benchmark in long-range precision



The Original .338 Lapua Magnum

The .338 Lapua Magnum has earned its place as a globally recognized standard in long-range precision shooting. Celebrated for its outstanding ballistic performance, it bridges the gap between traditional .30 caliber systems and larger, heavier alternatives — delivering superior range and terminal effect without the weight penalty. Its widespread adoption by military, law enforcement, and civilian marksmen worldwide ensures excellent product availability and long-term supply security.

This broad market presence not only supports logistical efficiency but also enhances cost-effectiveness through a stable, competitive supply of both firearms and ammunition. With moderate barrel wear compared to many other magnum calibers and noticeably more shooting comfort, the .338 Lapua Magnum stands out as a highly efficient, modern precision system — lightweight, powerful, and built to last.

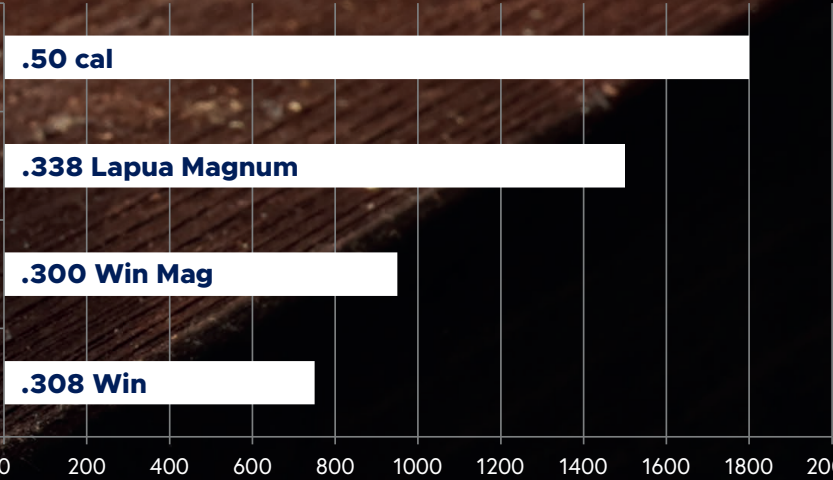
Comparison of different calibers

While accompanied with optics, other accessories and ammunition, different types of Sniper Rifle systems have different weight and size figures.			
Caliber	Rifle	Ammunition (40 rds)	System Weight
.308 Win	6.2 kg	1.1 kg	7.3 kg
.338 Lapua Magnum	7.1 kg	1.8 kg	8.9 kg
.50 cal	15.0 kg	4.6 kg	19.6 kg

All .338 Lapua Magnum cartridges are packed in M2A1 steel cases

.338 Lapua Magnum cartridges are available also in a loading practice (drill) and blank cartridge versions

Effective range



FOR MID-RANGE



6.5 CREEDMOOR

The 6.5 Creedmoor has received a lot of attention and continues to grow in popularity also in tactical applications. The 6.5 Creedmoor is a very flat shooting cartridge with excellent ballistics that often exceed the .308 Winchester in windy, long range conditions. The 6.5 Creedmoor size is similar to the .308 Winchester and it will fit in similar actions and platforms. The 6.5 Creedmoor is a true 1000 m round that can be used with both semi-auto and bolt action rifles.

Lapua offers 6.5 Creedmoor ammunition for tactical applications loaded with several different bullet types.

.308 WINCHESTER

.308 Winchester (7.62x51mm) possesses mild recoil, good terminal ballistics, and an effective range of 800 meters (875 yards). This versatility is the reason the caliber remains the most popular choice for use in law enforcement and military sniping applications.

Lapua is the world leader in providing match grade projectiles in this caliber, offering several types of Ball, Open-Tip, Armour Piercing, Solid, and Subsonic bullets.

Since the introduction of the legendary D46 cartridge, still in use today, Lapua's .308 Winchester ammunition is in use by militaries and government agencies throughout the world. Lapua .308 ammunition is not only the world's most accurate, but the closely matched ballistic trajectories between different projectile types increases its tactical effectiveness for the operator.

.308 Winchester is probably the most versatile centerfire rifle caliber today, and capable of outstanding accuracy. The caliber was introduced in 1952.

TACTICAL BULLETS



SCENAR

Scenar is an extremely accurate open-tip match bullet. The boat tail base provides an outstanding ballistic coefficient. Lapua Scenar bullets give superb results at long ranges.



MAXRT

Lapua's boat-tailed MaxRange Target projectile offers a streamlined trajectory, optimized ballistics and improved stability for extended distances. This provides unmatched long-range performance with pinpoint precision.



SCENAR-L

Lapua's Scenar-L bullet is the result of decades of experience and state of the art manufacturing capabilities combined with extensive testing. The Scenar-L has the refined qualities of the original Scenar bullet with higher standards of jacket wall concentricity, weight variation and dimensional uniformity.



TRX (solid)

Solid copper TRX® delivers industry leading precision from short to long distances with the highest ballistic coefficient (BC) values in its class. Upon impact, TRX offers exceptional terminal performance, unmatched energy transfer, and nearly 100% weight retention with a solid-copper, polymer-tipped design.



D46

Often copied, never equaled. The legendary D46 in caliber 7.62 is one by which all others of its type are measured. Manufactured to the strictest tolerances for concentricity, uniformity of shape and weight, it has shot its way to the record books since the 1930's.



NATURALIS (solid)

Innovative bullet design enables controlled expansion with 100% retention weight. Bullet construction with valve design offers a maximal shock effect over the wide terminal velocity range (500-1000 m/s). For operational purposes the solid frame construction enables a straight bullet path through laminated glass without fragmentation.



LOCK BASE

Unbeatable accuracy over extra long distances. Lock Base tail structure provides exceptional accuracy also at high pressures and high muzzle velocities. FMJBT configuration reduces drag and provides a flatter trajectory.



AP

Lapua's AP is the most accurate armour piercing ammunition that is manufactured using proven match grade technology. It provides excellent penetration against hard targets.



SUBSONIC

Lapua is the most widely used 7.62 mm caliber subsonic ammunition for military and law enforcement special operations. Designed especially for specialized short barrelled tactical rifles that have sound suppressors.



API

Designed to be used against vehicles and structures in situations when excellent penetration, incendiary and point of impact effect are needed. The API (Armour Piercing Incendiary) bullet is designed to meet current insensitive munitions concerns.

METRIC DATA

TACTICAL CARTRIDGES .338 LAPUA MAGNUM																										
Caliber	Product no.	Bullet name Weight Code	Velocity [m/s] Energy [J] Crosswind drift [mm] (Sidewind 4 m/s)										Trajectory [mm]										Test barrel length [mm]			
													Impact point above or below line of sight (Scope 40 mm above bore line)													
			Rifle sighted in at [m]	100 m	200 m	300 m	600 m	800 m	1000 m	1200 m	1500 m	100 m	200 m	300 m	600 m	800 m	1000 m	1200 m	1500 m							
.338 Lapua Mag. (8.6x70)	N318020	Naturalis 15,0 g / 231 gr N508	920 6348 0	835 5233 21	753 4251 88	674 3410 211	473 1678 1014						100 300 600	0 125 40	-100 149 -29	-374 0 -280	-2729 -1982 -2663							680		
	4318017	Scenar 16,2 g / 250 gr GB488	890 6416 0	841 5735 13	794 5108 53	748 4533 122	618 3097 538	539 2354 1025	466 1757 1724	399 1289 2682	324 852 4715		100 300 600	0 118 361	-99 137 628	-353 0 746	-2265 -1559 0	-4781 -3840 -1761	-8658 -7481 -4882	-14361 -12948 -9829	-27853 -26085 -22184		680			
	4318033	Lock Base 16,2 g / 250 gr B408	890 6416 0	840 5711 13	790 5054 55	741 4448 128	602 2837 576	516 2161 1112	437 1546 1897	336 1079 3004	308 768 5309		100 300 600	0 119 378	-99 138 656	-356 -1595 780	-2307 -3964 0	-4914 -7821 -1838	-9008 -13760 -10570	-15185 -28509 -24518	-30292 -28509 -25646		680			
	4318035	Armour Piercing 16,1 g / 248 gr AP485	895 6448 0	839 5662 15	784 4921 60	732 4311 140	587 2776 622	502 2026 1192	425 1245 2018	358 881 3159	306 754 5483		100 300 600	0 120 393	-100 140 686	-359 0 819	-2356 -1639 0	-5049 -4101 -1917	-9337 -8139 -5409	-15813 -14376 -11098	-31544 -29745 -25646		680			
	4318048	Armour Piercing Incendiary 16,4 g / 253 gr API526	885 6442 0	828 5624 15	772 4892 63	718 4227 148	565 2621 676	473 1836 1319	390 1245 2280	328 881 3634	286 674 6217		100 300 600	0 124 409	-103 144 714	-371 0 855	-2452 -1710 0	-5318 -4327 -2048	-9661 -8723 -5873	-17218 -15732 -12311	-35141 -33281 -29001		680			
	4318013	Scenar 19,4 g / 300 gr GB528	820 6536 0	780 5907 12	741 5330 47	703 4801 109	597 3462 469	532 2747 880	471 2157 1457	344 1152 2245	344 1152 3852		100 300 600	0 141 421	-122 160 725	-422 0 855	-2609 -1765 0	-5404 -4278 -1865	-9595 -13876 -5082	-15565 -13876 -10021	-29006 -26894 -21766		680			
	43M8055	Armour Piercing 19,4 g / 300 gr AP529	830 6682 0	787 6008 13	746 5398 53	705 4821 123	591 3388 536	522 2643 1014	459 2044 1685	401 1560 2490	331 1063 4010		100 300 600	0 138 431	-118 157 743	-413 0 878	-2583 -1757 0	-5391 -4289 -1946	-9647 -8270 -5342	-15737 -14090 -10587	-29738 -27678 -23297		680			
	43M8052	Armour Piercing Incendiary 19,4 g / 300 gr API571	830 6682 0	792 6085 11	754 5516 47	716 4970 109	608 3582 483	541 2839 915	479 2224 1523	394 1503 2342	344 1146 4060		100 300 600	0 135 419	-116 154 721	-406 0 850	-2512 -1701 0	-5206 -4124 -1856	-9248 -7895 -5060	-15012 -13389 -9987	-28053 -26022 -21768		680			

TACTICAL CARTRIDGES .308 WINCHESTER										1) NOTE: Required twist is 1 turn in 250 mm or faster. Maximum barrel length 450 mm.											
Caliber	Product no.	Bullet name Weight Code	Velocity [m/s] Energy [J]		Trajectory [mm]										Test barrel length [mm]						
					Impact point above or below line of sight (Scope 40 mm above bore line)																
			Crosswind drift [mm] (Sidewind 4 m/s)						Rifle sighted in at [m]	100 m	200 m	300 m	600 m	800 m		1000 m					
0 m	100 m	200 m	300 m	600 m	800 m	1000 m															
.308 Win. (7.62x51)	4317076	Scenar-L	860	794	730	669	503	408	331	100	0	-115	-414	-2813	-6265	-12106	660				
		10,0 g / 155 gr	3698	3151	2663	2235	1254	833	548	300	138	161	0	-1984	-5160	-10726					
		GB552	0	18	76	180	831	1640	2857	600	469	822	992	0	-2515	-7418					
	43M7075	Armour Piercing	855	786	718	589	472	369		100	0	-119	-430	-2978	-6788		660				
		10,8 g / 167 gr	3948	3334	2782	1873	1201	735		300	143	167	0	-2118	-5641						
		AP555	0	20	85	379	962	1946		600	496	873	1059	0	-2817						
	4317515	Scenar	820	754	690	628	459	364		100	0	-132	-470	-3212	-7258		660				
		10,85 g / 167 gr	3648	3083	2579	2138	1144	717		300	157	181	0	-2271	-6003						
		GB422	0	20	85	200	946	1899		600	535	938	1135	0	-2975						
	4317596 HPS	Lock Base	840	779	718	659	493	390	310	100	0	-122	-435	-2924	-6522	-12765	660				
		11,0 g / 170 gr	3881	3337	2839	2392	1338	836	527	300	145	168	0	-2054	-5362	-11315					
B476		0	18	77	182	855	1724	3103	600	487	852	1027	0	-2623	-7891						
4317520	Scenar-L	793	733	675	619	468	384	323	100	0	-143	-501	-3332	-7362	-14087	660					
	11,3 g / 175 gr	3553	3039	2577	2166	1239	833	588	300	167	191	0	-2329	-6025	-12415						
	GB550	0	19	80	190	879	1720	2944	600	555	968	1165	0	-2919	-8532						
4317523	Scenar	755	697	640	585	438	356		100	0	-162	-563	-3735	-8288		660					
	12,0 g / 185 gr	3420	2911	2454	2052	1152	761		300	188	214	0	-2609	-6787							
	GB432	0	21	88	207	963	1898		600	622	1083	1304	0	-3308							
N317105	Naturalis	800	717	639	566				100	0	-151	-543				660					
	11,0 g / 170 gr	3520	2829	2243	1762				300	181	211	0									
	N558	0	27	115	276																
4317590	FMJBT	760	704	650	597	452	369		100	0	-157	-547	-3588	-7908		660					
	12,0 g / 185 gr	3466	2974	2533	2141	1228	815		300	182	207	0	-2495	-6450							
	D46	0	20	82	193	895	1772		600	598	1039	1247	0	-3123							
4317340	Subsonic	325	309	296	284				100	0	-988	-3097				410 ¹					
	13,0 g / 200 gr	687	620	568	524				300	1033	1077	0									
	B416	0	33	127	277				600												
43M7643 SEMI-AUTO	Armour Piercing	770	702	637	575	407			100	0	-155	-552	-3849			410					
	10,8 g / 167 gr	3202	2664	2193	1784	892			300	184	228	0	-2746								
	AP555	0	24	103	244	1170			600	642	1128	1373	0								
43M7600 SEMI-AUTO	Lock Base	744	684	626	570	411	321		100	0	-170	-589	-3951	-8683		410					
	11,0 g / 170 gr	3044	2575	2158	1788	931	568		300	196	223	0	-2772	-7391							
	B476	0	23	96	228	1087	2228		600	658	1147	1386	0	-3694							

TACTICAL CARTRIDGES 6.5 CREEDMOOR																			
6.5 Creed- moor	4316060	Scenar 8,0 g / 123 gr GB489	850	792	736	681	532	444	362	100	0	-116	-412	-2720	-5919	-11138	600		
			2890	2510	2164	1856	1133	787	526	300	137	159	0	-1896	-4819	-9763			
			0	16	67	158	716	1394	2409	600	453	791	948	0	-2292	-6603			
	4316063	Scenar-L 8,8 g / 136 gr GB546	835	780	725	673	529	446	375	100	0	-122	-430	-2814	-6087	-11351	600		
			3068	2674	2314	1990	1233	877	618	300	143	165	0	-1953	-4939	-9916			
			0	19	76	179	807	1564	2671	600	469	816	976	0	-2335	-6661			
43M6001	Armour Piercing 9,4 g / 145 gr AP570	845	794	744	695	558	473	392	100	0	-116	-409	-2637	-5642	-10424	600			
		3356	2963	2602	2273	1464	1052	724	300	136	157	0	-1819	-4550	-9059				
		0	15	62	145	650	1259	2169	600	440	763	909	0	-2125	-6027				

NOTE! The data in this catalog is subject to change and may be updated during the year.
The print catalogue data may differ from other data sources.
If necessary, confirm current data from sales department.

IMPERIAL DATA

TACTICAL CARTRIDGES .338 LAPUA MAGNUM																									
Caliber	Product no.	Bullet name Weight Code	Velocity [fps] Energy [ft.-lbs.]		Trajectory [inch]										Test barrel length [inch]										
					Impact point above or below line of sight (Scope 1.6 in. above bore line)																				
			Crosswind drift [in] (Sidewind 9 mph)										Rifle sighted in at [yd]												
			0 yd	100 yd	200 yd	300 yd	600 yd	800 yd	1000 yd	1200 yd	1500 yd		100 yd	200 yd	300 yd	600 yd	800 yd	1000 yd	1200 yd	1500 yd					
.338 Lapua Mag. (8.6x70)	N318020	Naturalis 15,0 g / 231 gr N508	3018 4681 0	2764 3925 1	2515 3251 3	2276 2663 7	1651 1401 32						100 300 600	0 4 1	-3 5 0	-11 0 -7	-83 -61 -75					27			
	4318017	Scenar 16,2 g / 250 gr GB488	2920 4723 0	2774 4272 0	2632 3844 2	2493 3449 4	2099 2445 16	1855 1911 30	1629 1472 50	1419 1117 78	1143 726 136		100 300 600	0 4 12	-3 5 21	-11 0 25	-49 -71 -55	-149 -120 -150	-268 -232 -298	-440 -397 -298	-836 -781 -658	27			
	4318033	Lock Base 16,2 g / 250 gr B408	2920 4732 0	2769 4255 0	2619 3808 2	2472 3392 4	2051 2334 17	1789 1776 33	1543 1776 55	1315 959 87	1059 622 156		100 300 600	0 4 12	-3 4 21	-11 0 25	-72 -50 -57	-153 -124 -157	-278 -241 -157	-461 -418 -317	-899 -844 -718	27			
	4318035	Armour Piercing 16,1 g / 248 gr AP485	2936 4755 0	2767 4223 0	2603 3737 2	2444 3295 4	2003 2213 19	1739 1667 36	1498 1237 61	1282 907 95	1053 611 166		100 300 600	0 4 12	-3 4 22	-11 0 26	-74 -52 -59	-157 -128 -164	-287 -250 -164	-480 -436 -332	-937 -882 -753	27			
	4318048	Armour Piercing Incendiary 16,4 g / 253 gr API526	2904 4739 0	2733 4198 0	2566 3698 2	2401 3240 5	1937 2108 21	1653 1536 41	1271 1088 70	1164 762 110	992 553 194		100 300 600	0 4 13	-3 5 22	-11 0 27	-76 -54 0	-165 -134 -63	-304 -266 -177	-516 -471 -363	-1036 -979 -844	27			
	4318013	Scenar 19,4 g / 300 gr GB528	2690 4821 0	2569 1395 0	2451 4001 2	2337 3638 4	2015 2704 15	1816 2196 28	1629 1767 46	1453 1410 71	1224 996 121		100 300 600	0 4 14	-4 5 24	-13 0 28	-82 -56 -60	-170 -135 -163	-300 -257 -163	-483 -431 -318	-887 -821 -680	27			
	43M8055	Armour Piercing 19,4 g / 300 gr AP529	2723 4934 0	2595 4481 0	2470 4060 2	2347 3666 4	2000 2662 17	1788 2128 32	1591 1685 54	1411 1325 78	1171 913 133		100 300 600	0 4 14	-4 5 24	-13 0 28	-81 -56 -61	-169 -135 -165	-301 -258 -165	-486 -435 -324	-903 -839 -700	27			
	43M8052	Armour Piercing Incendiary 19,4 g / 300 gr API571	2723 4929 0	2609 4525 0	2496 4140 2	2380 3766 4	2052 2799 16	1848 2271 29	1657 1824 49	1477 1450 75	1230 1005 128		100 300 600	0 4 13	-4 5 23	-13 0 27	-79 -54 0	-164 -130 -58	-289 -247 -157	-466 -415 -307	-856 -793 -658	27			



Part of Nammo Group



PASSION FOR PRECISION

2026

Nammo Lapua Oy

P.O. Box 5

FI-62101 Lapua

Finland

Phone +358 10 5233 800

info@lapua.com

lapua.com