

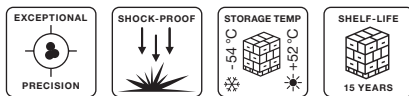
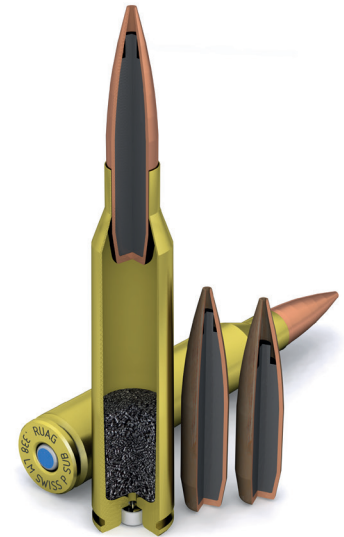
.338 Lapua Mag. SWISS P Subsonic

16.2 g / 250 gr

Enhanced projectile weight provides high energy on target

Physical and ballistic characteristics ensure subsonic flight in all environmental conditions

Best first hit probability due to a special loading technique



Cartridge **8.6x70 / .338 Lapua Mag.**

projectile	HPBT, 16.2 g / 250 gr
projectile material	tombac jacket, lead core
ballistic coefficient G1	0.6782 (ICAO)
primer / propellant	SINOXID / double base powder
case material	CuZn - alloy
cartridge weight	40.9 g

Performance

term of reference	C.I.P.
mean chamber pressure	max. 2 500 bar (21°C)
muzzle velocity	320 m/s (1 050 fps) 22" barrel 1:10" twist
muzzle energy	829 J
accuracy at 100 m	100% radius ≤ 50 mm

Packaging

standard cardboard box	20rds / cardboard box, 200rds / cardboard box, 10000rds EU pallet
military M2A1 metal box	10rds / cardboard box, 200rds / M2A1 metal box, 16000rds EU pallet

Images, drawings, technical details and in particular head stamps are for illustration purpose only, which do not necessarily correspond to actual products. All information and specifications shown in factsheets are non-binding and subject to alterations without prior notice at any time.
04.2020

.338 Lapua Mag. SWISS P Subsonic

16.2 g / 250 gr

Ballistic Coefficients	320 m/s	200 m/s	50 m/s
Drag Coefficient	0.1829	0.1357	0.1562
Ballistic Coefficient G1	0.6782	0.4681	0.4893
Ballistic Coefficient G7	0.3314	0.2748	0.2387

Ballistic Coefficients	1050 fps	656 fps	164 fps
Drag Coefficient	0.1829	0.1357	0.1562
Ballistic Coefficient G1	0.6782	0.4681	0.4893
Ballistic Coefficient G7	0.3314	0.2748	0.2387

Trajectory	0 m	25 m	50 m	75 m	100 m	125 m	150 m	175 m	200 m	225 m	250 m	275 m	300 m
Velocity [m/s]	320	317	313	310	308	305	302	300	297	295	293	290	288
Energy [J]	829	812	796	781	767	754	741	729	717	705	693	682	672
Time of flight [ms]	0	79	158	238	319	401	483	566	650	734	819	905	992
Wind drift [cm]	0.00	0.19	0.76	1.69	2.97	4.59	6.52	8.78	11.35	14.24	17.44	20.96	24.77

Trajectory	0 yds	25 yds	50 yds	75 yds	100 yds	125 yds	150 yds	175 yds	200 yds	225 yds	250 yds	275 yds	300 yds
Velocity [fps]	1050	1040	1030	1021	1013	1004	997	989	981	974	967	960	952
Energy [J]	829	813	799	785	772	759	748	736	725	714	703	693	683
Time of flight [ms]	0	72	144	217	291	366	441	516	592	669	746	824	903
Wind drift [inch]	0	0.07	0.26	0.57	1.00	1.53	2.18	2.92	3.78	4.73	5.79	6.95	8.21

Test barrel length: 650 mm / Twist rate: 10" / Crosswind velocity: 5 m/s Reference conditions: 15 °C/59 °F / 1013.25 hPa / 0% humidity / 0 m/ft above sea level

Trajectory	cm	25 m	50 m	75 m	100 m	125 m	150 m	175 m	200 m	225 m	250 m	275 m	300 m
Rifle zeroed at	25 m	x	-6	-18	-36	-60	-91	-128	-172	-223	-280	-344	-415
	50 m	3	x	-9	-24	-46	-73	-107	-148	-196	-250	-312	-380
	75 m	6	6	x	-12	-30	-55	-86	-124	-168	-220	-278	-343
	100 m	9	12	9	x	-16	-37	-65	-100	-142	-190	-246	-308
	125 m	12	18	18	12	x	-19	-44	-76	-115	-160	-212	-271
	150 m	15	25	28	25	16	x	-22	-50	-86	-128	-178	-233
	175 m	18	31	37	38	31	19	x	-25	-58	-96	-143	-195
	200 m	22	37	47	50	47	38	22	x	-29	-65	-108	-157
	225 m	25	44	56	63	64	58	45	26	x	-32	-72	-118
	250 m	28	50	66	76	79	77	67	52	29	x	-37	-80

Trajectory	inch	25 yds	50 yds	75 yds	100 yds	125 yds	150 yds	175 yds	200 yds	225 yds	250 yds	275 yds	300 yds
Rifle zeroed at	25 yds	x	-1.98	-5.96	-11.85	-19.93	-29.90	-42.21	-56.44	-73.10	-91.81	-112.80	-136.27
	50 yds	0.98	x	-3.01	-7.92	-15.02	-24.01	-35.34	-48.59	-64.26	-81.99	-101.99	-124.49
	75 yds	2.00	2.03	x	-3.84	-9.91	-17.88	-28.19	-40.42	-55.07	-71.78	-90.76	-112.24
	100 yds	2.95	3.91	2.88	x	-5.20	-12.23	-21.59	-32.88	-46.59	-62.35	-80.39	-100.93
	125 yds	3.97	5.95	5.94	4.02	x	-6.10	-14.45	-24.71	-37.40	-52.14	-69.16	-88.68
	150 yds	4.99	8.00	9.00	8.10	5.01	x	-7.30	-16.54	-28.21	-41.93	-57.93	-76.43
	175 yds	6.05	10.12	12.19	12.34	10.32	6.39	x	-8.06	-18.66	-31.33	-46.26	-63.71
	200 yds	7.07	12.16	15.25	16.43	15.42	12.51	7.27	x	-9.47	-21.12	-35.03	-51.46
	225 yds	8.13	14.28	18.43	20.67	20.72	18.87	14.69	8.59	x	-10.52	-23.37	-38.76
	250 yds	9.19	16.40	21.62	24.91	26.03	25.23	22.12	17.07	9.62	x	-11.70	-26.03

Maximum range: 4252 m / 4650 yds

Remark: Technical specification and numerical data are given as an indication only and are of no contractual nature.

Diagram of different zero ranges

