

“ Ballistical data for rifle cartridges ”

Cartridge	Weight of bullet		Velocity m/s						Bullet energy Joule						Point of impact in relation to sighting line, with scope mounted, in cm						
	g	grs	V ₀	V ₁₀₀	V ₁₅₀	V ₂₀₀	V ₂₅₀	V ₃₀₀	E ₀	E ₁₀₀	E ₁₅₀	E ₂₀₀	E ₂₅₀	E ₃₀₀	GEE	50	100	150	200	250	300
.22 Hornet	2.92	45	770	605	530	465	410	360	866	534	410	316	245	189	140	+2,0	+4,0	-1,0	-15,0	-40,0	-80,0
.222 Rem.	3.24	50	985	789	710	635	564	496	1572	1008	817	653	515	399	191	-0,3	+3,7	+3,4	-1,2	-12,0	-29,0
.222 Rem.	3.6	55	935	809	750	694	640	588	1574	1178	1013	867	737	622	180	+1,0	+4,0	+3,0	-2,5	-13,0	-30,0
.222 Rem.	3.6	55	935	813	758	707	659	615	1574	1190	1034	900	782	681	182	+1,0	+4,0	+3,0	-2,5	-12,5	-28,0
.222 Rem. Mag.	3.6	55	1000	860	795	734	675	618	1800	1331	1138	970	820	687	195	+1,0	+4,0	+3,5	-0,5	-9,5	-24,0
.222 Rem. Mag.	3.6	55	1000	869	809	754	703	655	1800	1359	1178	1023	890	772	195	+1,0	+4,0	+3,5	-0,5	-9,5	-23,0
.222 Rem. Mag.	3.6	55	955	795	725	660	600	545	1642	1138	946	784	648	535	190	+1,0	+4,0	+3,5	-1,0	-10,5	-26,0
.223 Rem.	3.6	55	1000	860	795	734	675	618	1800	1331	1138	970	820	687	195	+1,0	+4,0	+3,5	-0,5	-9,5	-24,0
.223 Rem.	3.6	55	1000	869	809	754	703	655	1800	1359	1178	1023	890	772	195	+1,0	+4,0	+3,5	-0,5	-9,5	-23,0
.223 Rem.	3.6	55	955	795	725	660	600	545	1642	1138	946	784	648	535	190	+1,0	+4,0	+3,5	-1,0	-10,5	-26,0
.223 Rem. VM-Sp	3.6	55	1010	878	817	760	706	656	1836	1388	1202	1039	897	774	195	+0,7	+3,9	+3,5	-1,0	-9,0	-22,0
5,6 x 50 Mag.	3.6	55	1000	860	795	734	675	618	1800	1331	1138	970	820	687	195	+1,0	+4,0	+3,5	-0,5	-9,5	-24,0
5,6 x 50 Mag.	3.6	55	1000	869	809	754	703	655	1800	1359	1178	1023	890	772	195	+1,0	+4,0	+3,5	-0,5	-9,5	-23,0
5,6 x 50 Mag.	3.6	55	1005	840	765	698	635	578	1818	1270	1053	877	726	601	205	+1,0	+4,0	+4,0	+0,5	-8,5	-24,0
5,6 x 50 R Mag.	3.6	55	1000	860	795	734	675	618	1800	1331	1138	970	820	687	195	+1,0	+4,0	+3,5	-0,5	-9,5	-24,0
5,6 x 50 R Mag.	3.6	55	1000	869	809	754	703	655	1800	1359	1178	1023	890	772	195	+1,0	+4,0	+3,5	-0,5	-9,5	-23,0
5,6 x 50 R Mag.	3.6	55	1005	840	765	698	635	578	1818	1270	1053	877	726	601	205	+1,0	+4,0	+4,0	+0,5	-8,5	-24,0
.243 Win.	6.2	95	940	845	800	756	714	674	2739	2213	1984	1772	1580	1408	190	+1,0	+4,0	+3,5	-1,5	-10,0	-23,0
.243 Win.	6.2	95	950	854	810	768	728	690	2798	2261	2034	1828	1643	1476	190	+1,0	+4,0	+3,5	-1,5	-10,0	-23,0
.243 Win.	6.5	100	920	820	773	727	683	640	2751	2185	1942	1718	1516	1331	185	+1,0	+4,0	+3,0	-2,0	-12,0	-27,0
.243 Win.	6.5	100	880	832	745	704	666	630	2517	2014	1802	1612	1442	1290	171	+1,0	+4,0	+2,5	-3,5	-14,0	-30,5
6,5 x 54 Msch	10.4	160	670	593	558	525	494	465	2334	1829	1619	1433	1269	1124	140	+3,0	+4,0	-1,5	-15,5	-38,0	-71,0
6,5 x 55	10.4	160	760	679	642	607	573	542	3004	2397	2143	1916	1707	1528	155	+2,5	+4,0	+0,5	-9,5	-27,0	-51,0
6,5 x 57	6.8	105	940	820	764	710	658	609	3004	2286	1985	1714	1472	1261	185	+1,0	+4,0	+3,0	-2,0	-12,5	-28,0
6,5 x 57	7.8	120	880	803	767	733	700	668	3020	2514	2294	2093	1909	1742	179	+1,0	+4,0	+2,5	-3,0	-12,5	-27,5
6,5 x 57	8.1	125	865	795	761	729	697	665	3030	2560	2345	2152	1968	1791	180	+1,0	+4,0	+2,5	-3,0	-13,0	-29,0
6,5 x 57	9.1	140	810	740	706	674	642	610	2985	2492	2268	2067	1875	1693	165	+1,5	+4,0	+1,5	-5,0	-17,5	-36,5
6,5 x 57 R	6.8	105	875	757	702	650	601	555	2608	1948	1676	1437	1228	1047	170	+1,0	+4,0	+2,0	-4,8	-17,5	-37,0
6,5 x 57 R	7.8	120	840	762	725	691	658	626	2752	2263	2052	1861	1687	1530	171	+1,5	+4,0	+2,0	-4,5	-16,0	-33,0
6,5 x 57 R	8.1	125	810	740	706	674	642	610	2657	2218	2019	1840	1669	1507	165	+1,5	+4,0	+1,5	-5,0	-17,5	-36,5
6,5 x 57 R	9.1	140	755	723	689	627	597	569	2594	2378	2160	1789	1622	1473	155	+1,5	+4,0	+1,0	-8,0	-23,5	-45,0
6,5 x 68	6.8	105	1030	915	860	808	759	711	3607	2847	2515	2220	1959	1719	200	+0,5	+3,5	+3,5	+0,0	-7,0	-18,5
6,5 x 68	7.8	120	985	896	855	815	777	741	3784	3131	2848	2590	2356	2143	198	+0,5	+3,5	+3,5	+0,0	-7,5	-19,0
6,5 x 68	8.1	125	950	860	817	776	736	697	3655	2995	2703	2439	2194	1968	195	+1,0	+4,0	+3,5	-0,5	-9,0	-21,5
6,5 x 68	9.1	140	890	805	765	725	685	650	3604	2949	2663	2392	2135	1922	180	+1,1	+3,9	+2,8	-2,7	-12,7	-28,0
.270 Win.	8.4	130	910	840	806	774	742	710	3478	2964	2728	2516	2312	2117	190	+1,0	+4,0	+3,0	-1,0	-9,5	-23,0
.270 Win.	8.4	130	890	812	776	742	709	677	3327	2772	2531	2310	2109	1925	181	+1,0	+3,5	+2,5	-2,5	-12,0	-26,5
.270 Win.	9.7	150	860	792	760	728	697	667	3587	3042	2801	2570	2356	2158	180	+1,5	+4,0	+2,5	-3,0	-13,5	-28,5
7 x 57	9.1	140	830	780	746	714	682	650	3287	2768	2532	2320	2116	1922	175	+1,0	+4,0	+2,5	-3,5	-14,5	-31,0
7 x 57	9.1	140	850	772	736	702	669	638	3287	2715	2467	2242	2037	1851	173	+1,5	+4,0	+2,0	-4,0	-15,0	-31,5
7 x 57	11.3	175	760	700	671	643	615	588	3263	2769	2544	2336	2137	1953	160	+2,0	+4,0	+1,0	-7,5	-21,5	-43,0
7 x 57 R	9.1	140	820	750	716	684	652	620	3059	2559	2333	2129	1934	1749	170	+1,5	+4,0	+2,0	-4,5	-16,5	-35,0
7 x 57 R	9.1	140	800	730	697	666	636	608	2912	2424	2212	2018	1841	1680	164	+1,5	+4,0	+1,5	-6,0	-18,5	-37,5
7 x 57 R	11.3	175	735	675	646	618	590	563	3052	2574	2358	2158	1967	1791	155	+2,0	+4,0	+0,5	-9,0	-25,0	-48,0
7 x 64	9.1	140	890	812	775	739	704	669	3604	3000	2733	2485	2255	2036	185	+1,0	+4,0	+3,0	-2,0	-11,5	-26,5
7 x 64	9.1	140	890	802	762	724	685	652	3604	2927	2642	2385	2135	1934	190	+1,0	+4,0	+3,5	-1,0	-9,5	-23,0
7 x 64	10.0	155	820	720	673	627	583	541	3362	2592	2265	1966	1699	1463	165	+1,5	+4,0	+1,5	-6,5	-21,0	-42,0
7 x 64	11.3	175	810	746	715	685	655	626	3707	3144	2888	2651	2424	2214	170	+1,5	+4,0	+1,5	-5,0	-17,5	-36,0
7 x 64	11.3	175	800	753	731	709	688	668	3616	3204	3019	2840	2674	2521	170	+1,5	+4,0	+2,0	-4,5	-16,0	-33,0
7 x 65 R	9.1	140	880	802	765	729	694	659	3524	2927	2663	2418	2191	1976	180	+1,0	+4,0	+2,5	-2,5	-12,5	-28,0
7 x 65 R	9.1	140	860	782	746	712	679	648	3365	2785	2534	2305	2097	1908	175	+1,0	+4,0	+2,5	-3,5	-14,0	-30,0
7 x 65 R	10.0	155	800	700	653	607	564	522	3200	2450	2132	1842	1590	1362	160	+1,5	+4,0	+1,0	-7,5	-23,0	-46,0
7 x 65 R	11.3	175	785	721	690	660	630	601	3482	2937	2690	2461	2242	2041	160	+1,5	+4,0	+1,5	-6,5	-20,0	-40,0
7 x 65 R	11.3	175	785	739	717	696	675	655	3482	3086	2905	2737	2574	2424	165	+1,5	+4,0	+1,5	-5,5	-17,5	-35,0
7 mm Rem. Mag.	9.1	140	980	912	880	848	817	787	4370	3784	3524	3272	3037	2818	210	+1,0	+3,5	+4,0	+0,5	-5,5	-15,5
7 mm Rem. Mag.	9.1	140	985	896	855	815	777	741	4415	3653	3323	3022	2749	2501	198	+0,5	+3,5	+3,5	+0,0	-7,5	-19,0
7 mm Rem. Mag.	11.3	175	870	809	780	751	723	696	4276	3698	3437	3187	2953	2737	198	+1,0	+4,0	+3,0	-2,5	-12,0	-26,0
.308 Win. VM-Sp	9.5	146	860	785	750	715	680	650	3513	2927	2672	2428	2196	2007	178	+1,3	+3,9	+2,7	-3,2	-13,8	-29,7
.308 Win.	9.7	150	890	800	757	716	676	637	3842	3104	2779	2486	2216	1968	180	+1,0	+4,0	+2,5	-3,0	-13,0	-29,0
.308 Win.	10.7	165	780	708	674	642	611	582	3255	2678	2429	2203	1998	1812	159	+1,5	+4,0	+1,0	-7,0	-21,0	-42,0
.308 Win. Match	12.3	190	730	677	651	626	601	577	3277	2819	2606	2410	2221	2048	160	+2,0	+4,0	+1,5	-8,0	-24,5	-46,0
.308 Win.	11.6	180	770	706	675	645	616	588	3439	2891	2643	2413	2201	2005	160	+1,5	+4,0	+1,0	-7,5	-21,5	-42

“ Point of impact deviation from sighting line in centimetres, for 100 and 200 metres target distance ”

Cartridge	Weight of bullet		Point of impact deviation in cm at 100 m						Point of impact deviation in cm at 200 m					
	g	grs	50m	100m	150m	200m	250m	300m	50m	100m	150m	200m	250m	300m
.22 Hornet	2.92	45	1.0	⊕	-7.5	-23.5	-51.0	-93.0	6.5	12.0	10.0	⊕	-21.5	-57.5
.222 Rem.	3.24	50	-0.5	⊕	-2.5	-9.0	-24.0	-43.0	1.0	4.5	4.0	⊕	-11.0	-27.0
.222 Rem.	3.6	55	-1.0	⊕	-3.0	-10.0	-23.0	-41.5	1.5	5.0	4.5	⊕	-10.0	-26.0
.222 Rem.	3.6	55	-1.0	⊕	-3.0	-9.5	-22.5	-40.5	1.5	5.0	4.5	⊕	-9.5	-25.0
.222 Rem. Mag.	3.6	55	-1.0	⊕	-2.0	-8.0	-19.0	-35.5	1.0	4.5	4.0	⊕	-8.5	-23.0
.222 Rem. Mag.	3.6	55	-1.0	⊕	-2.0	-8.0	-19.0	-35.0	1.0	4.5	4.0	⊕	-8.5	-22.0
.222 Rem. Mag.	3.6	55	-1.0	⊕	-2.5	-8.5	-21.0	-38.0	1.0	5.0	4.0	⊕	-9.0	-24.0
.223 Rem.	3.6	55	-1.0	⊕	-2.0	-8.0	-19.0	-35.5	1.0	4.5	4.0	⊕	-8.5	-23.0
.223 Rem.	3.6	55	-1.0	⊕	-2.0	-8.0	-19.0	-35.0	1.0	4.5	4.0	⊕	-8.5	-22.0
.223 Rem.	3.6	55	-1.0	⊕	-2.5	-8.5	-21.0	-38.0	1.0	5.0	4.0	⊕	-9.0	-24.0
.223 Rem. VM-Sp	3.6	55	-0.5	⊕	-2.0	-8.0	-18.5	-33.5	1.0	4.5	4.0	⊕	-8.0	-21.5
5.6 x 50 Mag.	3.6	55	-1.0	⊕	-2.0	-8.0	-19.0	-35.5	1.0	4.5	4.0	⊕	-8.5	-23.0
5.6 x 50 Mag.	3.6	55	-1.0	⊕	-2.0	-8.0	-19.0	-35.0	1.0	4.5	4.0	⊕	-8.5	-22.0
5.6 x 50 Mag.	3.6	55	-0.5	⊕	-2.0	-7.5	-18.0	-34.0	1.0	4.0	4.0	⊕	-8.5	-23.0
5.6 x 50 R Mag.	3.6	55	-1.0	⊕	-2.0	-8.0	-19.0	-35.5	1.0	4.5	4.0	⊕	-8.5	-23.0
5.6 x 50 R Mag.	3.6	55	-1.0	⊕	-2.0	-8.0	-19.0	-35.0	1.0	4.5	4.0	⊕	-8.5	-22.0
5.6 x 50 R Mag.	3.6	55	-0.5	⊕	-2.0	-7.5	-18.0	-34.0	1.0	4.0	4.0	⊕	-8.5	-23.0
.243 Win.	6.2	95	-1.0	⊕	-2.5	-9.0	-20.0	-35.0	1.5	4.5	4.0	⊕	-8.5	-22.0
.243 Win.	6.2	95	-1.0	⊕	-2.5	-9.0	-20.0	-35.0	1.5	4.5	4.0	⊕	-8.5	-22.0
.243 Win.	6.5	100	-1.0	⊕	-3.0	-9.5	-21.0	-38.0	1.5	5.0	4.5	⊕	-9.0	-24.0
.243 Win.	6.5	100	-1.0	⊕	-3.5	-10.0	-23.0	-40.0	1.5	5.0	4.0	⊕	-10.0	-26.0
6.5 x 54 Msch	10.4	160	1.0	⊕	-8.0	-24.0	-49.0	-84.0	7.0	12.0	10.0	⊕	-19.0	-47.5
6.5 x 55	10.4	160	0.0	⊕	-5.5	-17.5	-36.0	-63.0	3.5	8.0	7.0	⊕	-15.0	-35.0
6.5 x 57	6.8	105	-1.0	⊕	-3.0	-10.0	-22.0	-39.0	1.5	5.0	4.5	⊕	-9.5	-24.5
6.5 x 57	7.8	120	-1.0	⊕	-3.5	-11.0	-23.0	-40.0	2.0	5.5	5.0	⊕	-9.0	-24.0
6.5 x 57	8.1	125	-1.0	⊕	-3.5	-11.0	-23.0	-40.5	2.0	5.5	5.0	⊕	-9.5	-24.5
6.5 x 57	9.1	140	-0.5	⊕	-4.0	-13.0	-27.5	-48.0	3.0	6.5	5.5	⊕	-11.0	-28.5
6.5 x 57 R	6.8	105	-0.5	⊕	-3.5	-13.0	-28.0	-49.0	2.5	6.0	5.5	⊕	-11.5	-29.0
6.5 x 57 R	7.8	120	-0.5	⊕	-3.5	-13.0	-27.0	-46.5	2.5	6.0	5.5	⊕	-11.0	-27.0
6.5 x 57 R	8.1	125	-0.5	⊕	-4.0	-13.0	-27.5	-48.0	3.0	6.5	5.5	⊕	-11.5	-29.0
6.5 x 57 R	9.1	140	-0.5	⊕	-4.5	-15.0	-31.0	-53.0	3.5	7.0	6.0	⊕	-12.5	-30.5
6.5 x 68	6.8	105	-1.0	⊕	-2.0	-7.5	-17.0	-30.0	0.5	3.5	3.5	⊕	-7.0	-18.5
6.5 x 68	7.8	120	-1.0	⊕	-2.5	-8.0	-17.5	-31.0	0.5	3.5	3.5	⊕	-7.5	-19.0
6.5 x 68	8.1	125	-1.0	⊕	-2.5	-8.5	-18.5	-33.0	1.0	4.0	3.5	⊕	-8.0	-20.5
6.5 x 68	9.1	140	-0.5	⊕	-3.0	-11.0	-23.5	-41.0	2.0	5.0	4.5	⊕	-9.5	-24.0
.270 Win.	8.4	130	-1.0	⊕	-2.5	-9.0	-19.0	-35.0	1.5	4.5	4.0	⊕	-8.5	-21.5
.270 Win.	8.4	130	-1.0	⊕	-3.0	-10.0	-22.0	-38.0	2.0	5.0	4.5	⊕	-9.0	-23.0
.270 Win.	9.7	150	-1.0	⊕	-3.0	-10.5	-23.0	-40.0	2.0	5.5	5.0	⊕	-9.5	-24.0
7 x 57	9.1	140	-0.5	⊕	-3.5	-11.0	-24.0	-42.5	2.0	5.5	5.0	⊕	-10.0	-25.5
7 x 57	9.1	140	-0.5	⊕	-3.5	-11.5	-25.0	-44.0	2.0	5.5	5.0	⊕	-10.5	-26.5
7 x 57	11.3	175	-0.5	⊕	-4.5	-15.0	-31.5	-54.5	3.5	7.5	6.5	⊕	-12.5	-32.0
7 x 57 R	9.1	140	-0.5	⊕	-4.0	-12.5	-26.5	-47.0	2.5	6.0	5.5	⊕	-11.0	-28.0
7 x 57 R	9.1	140	-0.5	⊕	-4.0	-13.5	-28.5	-50.0	3.0	6.5	5.5	⊕	-11.5	-29.0
7 x 57 R	11.3	175	0.0	⊕	-5.5	-16.5	-35.0	-60.0	4.0	8.0	7.0	⊕	-14.0	-35.0
7 x 64	9.1	140	-1.0	⊕	-3.0	-10.0	-21.5	-38.0	1.5	5.0	4.5	⊕	-9.0	-23.5
7 x 64	9.1	140	-1.0	⊕	-3.0	-9.5	-21.0	-37.0	1.5	5.0	4.5	⊕	-8.5	-22.0
7 x 64	10.0	155	-0.5	⊕	-4.5	-14.0	-31.5	-54.0	3.0	7.0	6.0	⊕	-13.0	-32.5
7 x 64	11.3	175	-0.5	⊕	-4.0	-13.0	-27.0	-47.5	2.5	6.5	5.5	⊕	-11.0	-28.0
7 x 64	11.3	175	-0.5	⊕	-4.0	-13.0	-26.5	-46.0	2.5	6.5	5.5	⊕	-10.5	-26.0
7 x 65 R	9.1	140	-1.0	⊕	-3.0	-10.5	-22.0	-39.5	1.5	5.0	4.5	⊕	-9.5	-24.0
7 x 65 R	9.1	140	-1.0	⊕	-3.0	-11.0	-24.0	-42.0	1.5	5.5	5.0	⊕	-10.0	-25.0
7 x 65 R	10.0	155	-0.5	⊕	-4.5	-15.0	-32.0	-57.0	3.5	7.5	6.5	⊕	-13.0	-34.0
7 x 65 R	11.3	175	-0.5	⊕	-4.5	-14.0	-29.6	-51.5	3.5	7.0	6.0	⊕	-12.0	-30.5
7 x 65 R	11.3	175	-0.5	⊕	-4.5	-14.0	-28.5	-48.0	3.5	7.0	6.0	⊕	-11.0	-27.0
7 mm Rem. Mag.	9.1	140	-1.0	⊕	-2.0	-7.0	-15.0	-27.0	0.5	3.5	3.0	⊕	-7.0	-17.0
7 mm Rem. Mag.	9.1	140	-1.0	⊕	-2.0	-7.5	-16.0	-29.5	0.5	3.5	3.5	⊕	-7.5	-19.0
7 mm Rem. Mag.	11.3	175	-1.0	⊕	-3.0	-10.0	-21.5	-37.5	1.5	5.0	4.5	⊕	-9.0	-22.5
.308 Win. VM-Sp	9.5	146	-0.5	⊕	-3.5	-12.0	-25.0	-43.0	2.0	5.5	5.0	⊕	-10.0	-25.5
.308 Win.	9.7	150	-0.5	⊕	-3.0	-10.5	-23.0	-40.5	2.0	5.5	5.0	⊕	-9.5	-25.0
.308 Win.	10.7	165	-0.5	⊕	-4.5	-14.5	-31.0	-53.0	3.0	7.0	6.0	⊕	-12.5	-31.0
.308 Win. Match	12.3	190	0.0	⊕	-6.0	-17.5	-35.0	-58.5	4.0	8.0	7.0	⊕	-13.5	-33.5
.308 Win.	11.6	180	0.0	⊕	-5.0	-15.5	-31.5	-53.5	3.5	7.5	6.5	⊕	-12.5	-31.5
.30-06 Springf.	9.7	150	-1.0	⊕	-3.0	-9.5	-21.0	-37.0	1.5	5.0	4.5	⊕	-9.0	-22.5
.30-06 Springf.	10.7	165	-0.5	⊕	-4.5	-14.5	-30.5	-52.5	3.0	7.0	6.0	⊕	-11.5	-30.0
.30-06 Springf.	10.7	165	-0.5	⊕	-4.0	-13.5	-28.5	-50.0	3.0	6.5	6.0	⊕	-11.0	-29.0
.30-06 Springf.	11.6	180	-0.5	⊕	-4.0	-13.0	-27.0	-47.0	3.0	6.5	6.0	⊕	-11.0	-27.5
.300 Win. Mag.	9.7	150	-1.0	⊕	-2.0	-7.0	-16.0	-29.0	0.5	3.5	3.5	⊕	-7.0	-18.5
.300 Win. Mag.	10.7	165	-0.5	⊕	-3.5	-10.5	-22.0	-38.0	2.0	5.5	5.0	⊕	-9.0	-21.5
.300 Win. Mag.	10.7	165	-1.0	⊕	-3.0	-11.0	-23.5	-42.0	1.5	5.0	4.5	⊕	-10.0	-24.5
.300 Win. Mag.	11.6	180	-1.0	⊕	-2.5	-9.0	-19.0	-34.0	1.5	4.5	4.0	⊕	-8.0	-20.5
8 x 57 IS	11.3	175	-0.5	⊕	-5.0	-15.0	-30.0	-52.0	3.0	7.0	6.0	⊕	-12.0	-30.0
8 x 57 IS	13.0	200	0.0	⊕	-5.5	-16.5	-34.5	-59.5	4.0	8.0	7.0	⊕	-14.0	-35.0
8 x 57 IRS	11.3	175	0.0	⊕	-5.5	-16.0	-33.0	-56.0	3.5	7.5	6.5	⊕	-12.5	-32.0
8 x 57 IRS	13.0	200	0.0	⊕	-6.0	-18.0	-38.0	-64.5	4.5	9.0	7.5	⊕	-15.0	-37.0
8 x 68 S	11.3	175	-1.0	⊕	-2.5	-8.5	-18.0	-32.0	1.5	4.5	4.0	⊕	-7.5	-19.5
8 x 68 S	13.0	200	-0.5	⊕	-4.0	-12.5	-26.0	-45.0	3.0	6.5	5.5	⊕	-10.5	-26.0
8 x 68 S	13.0	200	-1.0	⊕	-3.5	-10.5	-21.5	-37.5	2.0	5.0	4.5	⊕	-8.5	-22.0
9.3 x 74 R	17.5	270	0.0	⊕	-6.5	-18.5	-37.0	-63.0	4.5	9.5	8.0	⊕	-14.5	-36.0
.375 H&H Mag.	17.65	272	0.0	⊕	-5.0	-16.0	-35.0	-57.0	4.0	8.0	7.0	⊕	-13.0	-33.0

All data supplied without liability. Changes are possible without advance notice, in the interest of continuous product development.

“ Rifle cartridges ”									
cartridge	bullet weight		powder	weight of powder		gaspres. lt. CIP	pressure effective	max.cart. length	HP primer
	g	grs		g	grs				
.22 Hornet	2.92	45	.30 Carb.	0.56	8.6	2800	2700	43.7	1205
.222 Rem.	3.24	50	Vihtavuori N 125	1.28	19.8	3200	2900	54.1	1205
.222 Rem.	3.6	55	Bofors RP 1	1.40	21.6	3200	3000	54.1	1205
.222 Rem.	3.6	55	Bofors RP 1	1.40	21.6	3200	3000	54.1	1205
.222 Rem.Mag.	3.6	55	Bofors RP 2	1.77	27.3	3500	3300	57.9	1205
.222 Rem.Mag.	3.6	55	Vihtavuori N 133	1.65	25.5	3500	3300	57.9	1205
.222 Rem.Mag.	3.6	55	Vihtavuori N 133	1.66	25.6	3500	2900	57.9	1205
.223 Rem.	3.6	55	PB powder					57.4	1205
.223 Rem.	3.6	55	Vihtavuori N 133	1.66	25.6	3700	3400	56.0	1205
.223 Rem.	3.6	55	Vihtavuori N 133	1.61	24.8	3700	3100	54.7	1205
.223 Rem. VM-Sp	3.6	55	PB powder	1.72	26.5	3300	2900	61.0	1205
5.6 x 50 Mag.	3.6	55	Vihtavuori N 133	1.70	26.2	3300	2900	61.0	1205
5.6 x 50 Mag.	3.6	55	Vihtavuori N 133	1.72	26.5	3300	2900	61.0	1205
5.6 x 50 Mag.	3.6	55	Vihtavuori N 133	1.70	26.2	3300	2900	60.2	1205
5.6 x 50 R Mag.	3.6	55	Vihtavuori N 133	1.70	26.2	3000	2900	61.0	1205
5.6 x 50 R Mag.	3.6	55	Vihtavuori N 133	1.72	26.5	3000	2900	61.0	1205
5.6 x 50 R Mag.	3.6	55	Vihtavuori N 133	1.70	26.2	3000	2900	60.2	1205
.243 Win.	6.2	95	Bofors RP 4	2.75	42.4	3600	3200	67.0	1215
.243 Win.	6.2	95	Bofors RP 4	2.75	42.4	3600	3200	67.0	1215
.243 Win.	6.5	100	Bofors RP 4	2.75	42.4	3600	3300	66.7	1215
.243 Win.	6.5	100	Bofors RP 4	2.75	42.4	3600	3300	65.5	1215
6.5 x 54 MS	10.4	160	Bofors RP 3	2.20	34.0	3200	3000	77.0	1215
6.5 x 55	10.4	160	Bofors RP 5	2.80	43.2	3300	3200	73.0	1215
6.5 x 57	6.8	105	Bofors RP 4	3.24	50.0	3400	3300	73.0	1215
6.5 x 57	7.8	120	Bofors RP 4	3.05	47.1	3400	3100	77.3	1215
6.5 x 57	8.1	125	Bofors RP 4	3.08	47.5	3400	3300	75.0	1215
6.5 x 57	9.1	140	Bofors RP 4	2.95	45.5	3400	3200	75.0	1215
6.5 x 57 R	6.8	105	Bofors RP 4	3.12	48.1	2900	2700	73.0	1225
6.5 x 57 R	8.1	125	Bofors RP 4	2.95	45.5	2900	2700	75.0	1225
6.5 x 57 R	9.1	140	Bofors RP 4	2.82	43.5	2900	2700	75.0	1225
6.5 x 57 R	7.8	120	Bofors RP 4	3.00	46.3	2900	2800	77.0	1225
6.5 x 68	8.1	125	Bofors RP 5	4.05	62.5	3800	3500	86.5	1215
6.5 x 68	6.8	105	Vihtavuori N 160	4.25	65.6	3800	3700	83.5	1215
6.5 x 68	9.1	140	Bofors RP 5	4.10	63.3	3800	3700	86.5	1215
6.5 x 68	7.8	120	Bofors RP 5	4.15	64.0	3800	3600	86.2	1215
.270 Win.	8.4	130	Bofors RP 4	3.46	53.4	3700	3300	82.2	1215
.270 Win.	9.7	150	Bofors RP 4	3.32	51.2	3700	3500	82.2	1215
.270 Win.	8.4	130	Bofors RP 4	3.49	53.9	3700	3300	81.5	1215
7 x 57	9.1	140	Bofors RP 3	2.95	45.5	3400	3200	77.0	1215
7 x 57	9.1	140	Bofors RP 3	2.95	45.5	3400	3200	75.0	1215
7 x 57	11.3	175	Bofors RP 4	3.05	47.1	3400	3200	77.0	1215
7 x 57 R	9.1	140	Bofors RP 3	2.85	44.0	3000	2800	77.0	1225
7 x 57 R	11.3	175	Bofors RP 3	2.63	40.6	3000	2800	77.0	1225
7 x 57 R	9.1	140	Bofors RP 3	2.85	44.0	3000	2800	75.0	1225
7 x 64	9.1	140	Bofors RP 4	3.60	55.6	3600	3300	84.0	1215
7 x 64	9.1	140	Bofors RP 4	3.60	55.6	3600	3300	84.0	1215
7 x 64	10.0	154	Bofors RP 4	3.46	53.4	3600	3300	83.0	1215
7 x 64	11.3	175	Bofors RP 4	3.50	54.0	3600	3400	84.0	1215
7 x 64	11.3	175	Bofors RP 4	3.46	53.4	3600	3300	84.0	1215
7 x 65 R	9.1	140	Bofors RP 4	3.60	55.6	3300	3100	83.5	1225
7 x 65 R	9.1	140	Bofors RP 4	3.56	54.9	3300	3100	81.5	1225
7 x 65 R	10.0	154	Bofors RP 4	3.43	52.9	3300	3100	83.5	1225
7 x 65 R	11.3	175	Bofors RP 4	3.40	52.5	3300	3200	83.5	1225
7 x 65 R	11.3	175	Bofors RP 4	3.38	52.2	3300	3100	83.5	1225
7mm Rem.Mag.	9.1	140	Bofors RP 5	4.25	65.6	3700	3600	82.9	1215
7mm Rem.Mag.	9.1	140	Bofors RP 5	4.35	67.1	3700	3600	81.5	1215
7mm Rem.Mag.	11.3	175	Bofors RP 5	3.95	60.9	3700	3600	83.2	1215
.308 Win. VM-Sp	9.45	147	PB powder			3600		71.1	1215
.308 Win.	9.7	150	PB powder			3600		71.1	1215
.308 Win.	10.7	165	Vihtavuori N 140	2.90	44.7	3600	3300	71.1	1215
.308 Win.	11.6	180	PB powder			3600		71.1	1215
.308 Win. Match	12.3	190	Bofors RP 3	2.73	42.1	3600	3000	71.1	1215
.30-06 Springf.	9.7	150	PB powder			3500		82.5	1215
.30-06 Springf.	10.7	165	Vihtavuori N 140	3.15	48.6	3500	3000	82.2	1215
.30-06 Springf.	10.7	165	PB powder			3500		78.0	1215
.30-06 Springf.	11.6	180	PB powder			3500		83.3	1215
.300 Win. Mag.	9.7	150	Bofors RP 5	4.85	74.8	3700	3600	84.5	1215
.300 Win. Mag.	10.7	165	Vihtavuori N 160	4.60	71.0	3700	3300	84.0	1215
.300 Win. Mag.	10.7	165	Bofors RP 5	4.35	67.1	3700	3600	83.5	1215
.300 Win. Mag.	11.6	180	Bofors RP 5	4.50	69.4	3700	3600	84.5	1215
8 x 57 IS	11.3	175	Bofors RP 2	2.95	45.5	3400	3100	77.3	1215
8 x 57 IS	13.0	200	Bofors RP 2	2.90	44.7	3400	3200	77.0	1215
8 x 57 IRS	11.3	175	Bofors RP 2	2.90	44.7	2900	2700	77.3	1215
8 x 57 IRS	13.0	200	Bofors RP 2	2.79	43.0	2900	2800	76.0	1225
8 x 68 S	11.3	175	Bofors RP 4	4.70	72.5	3800	3300	86.0	1215
8 x 68 S	13.0	200	Bofors RP 5	4.80	74.1	3800	3500	85.8	1215
8 x 68 S	13.0	200	Bofors RP 4	4.40	67.9	3800	3500	85.0	1215
9.3 x 74 R	17.5	270	Bofors RP 2	3.53	54.5	3000	2800	92.5	1225
.375 H&H Mag.	17.65	272	Bofors RP 3	4.50	69.4	3700	3500	91.4	1215
“ Pistol- and revolver cartridges ”									
6,35 mm (25 Auto)	FMJ-RN	3,2 50	Vihtavuori N 310	0,072	1,11	1300	1150	23,0	1206
7,65 mm (32 Auto)	FMJ-RN	4,6 71	Vihtavuori N 310	0,13	2,0	1800	1400	25,0	1206
9 mm short (380 Auto)	FMJ-RN	6,2 95	Vihtavuori N 310	0,177	2,73	1500	1400	25,0	1206
9 mm Parabell. (9 mm Luger)	FMJ-RN	8,0 123	PB powder			2600	2400	29,69	1242
9 mm Para Combat	FMJ-RN	7,5 115	Vihtavuori N 340	0,35	5,40	2600	2000	29,69	1242
9 mm Steyr	FMJ-RN	7,5 115	PB powder			1450	1100	33,10	1206
.45 Auto (ACP)	FMJ-RN	14,9 230	Bofors PK 1	0,332	5,12	1400	900	32,38	1207
.32 S & W long	WC	6,4 98	Vihtavuori N 310	0,09	1,39	1000	700	23,2	1206
.32 S & W long	LRN	6,4 98	Vihtavuori N 310	0,15	2,31	1000	800	32,3	1206
.357 Magnum	SP-FN	10,2 158	Bofors PK 6	0,834	12,87	3200	1600	40,35	1212 / 1253
.38 Special	WC	9,6 148	Vihtavuori N 310	0,17	2,62	1200		29,80	1206
.38 Special	LRN	10,2 158	Vihtavuori N 310	0,215	3,32	1500	800	39,37	1206
.38 Special	SP-FN	10,2 158	Bofors PK 6	0,60	9,26	1500	1300	37,00	1206

NOSLER
 BALL. TIP
 SIERRA
 ABC
 MATCH
 FULL METAL JACKET