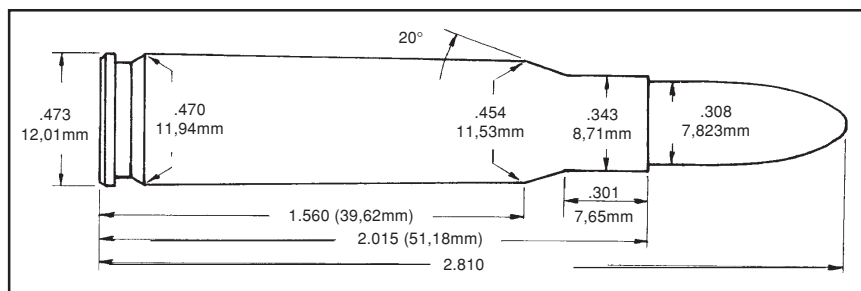


.308 WINCHESTER

The .308 Winchester was introduced in 1952 as the sporting version of the newly adopted U.S. T-65 or NATO 7.62x51mm military round. It was adopted as the official U.S. military rifle cartridge in 1954 along with the M-14 rifle.



The .308 was the result of the military's experiments to retain the power of the .30-06 cartridge in a smaller package. The advent of Winchester ball powder permitted loading the 7.62x51mm to equal the velocities of .30-06 service ammunition.

Since 1954 the .308 Winchester has become the premier .30 caliber target cartridge and has gained a loyal following among hunters.

Because this is also a military cartridge, there is an almost infinite variety of components available for loading the .308. When using military cases, the handloader must exercise caution because many of these are much heavier than commercial brass. Charge weights may require up to 12% reduction to maintain pressures within safe limits.

The SAAMI Maximum Average Pressure for the .308 Winchester is 52,000 C.U.P. and 62,000 P.S.I.

.308 WINCHESTER			
Gun	HS PRECISION	Max Length	2.015"
Barrel Length	24"	Trim Length	1.995"
Primer	CCI 200	OAL Max	2.810"
Case	REM	OAL Min	2.490"

Bullet	START LOADS			MAXIMUM LOADS			C.U.P.	Cartridge Length	Comment	
	Powder	Grains	Vel.	Powder	Grains	Vel.				
152 (L) RNGC	5744	23.5	2011	5744	27.0	2230	38,500	2.530"	Lyman	
165 (L) SIL	5744	24.3	1905	5744	27.0	2165	37,200	2.700"	Penny's	
SRA 110 HP	2015	40.5	2806	2015	45.0	3189	48,100	2.595"		
	2230	42.8	2790	2230	47.5	3171	49,300			
	2460	43.7	2810	2460	48.5	3193	49,300			
	2495	42.3	2659	2495	47.0	3022	42,700			Compressed
	2520	42.8	2658	2520	47.5	3020	41,500			Compressed

Bullet	START LOADS			MAXIMUM LOADS			C.U.P.	Cartridge Length	Comment
	Powder	Grains	Vel.	Powder	Grains	Vel.			
NOS 125 BT	2015	39.2	2656	2015	43.5	3018	49,700	2.780"	
	2230	42.3	2655	2230	47.0	3017	49,800		
	2460	42.3	2652	2460	47.0	3014	48,600		
	2495	42.3	2579	2495	47.0	2931	45,200		Compressed
	2520	42.8	2600	2520	47.5	2955	45,100		Compressed
	4064	41.4	2507	4064	46.0	2849	39,300		Compressed
HDY 150 SP	2015	37.4	2432	2015	41.5	2764	49,700	2.745"	
	2230	39.2	2387	2230	43.5	2712	48,400		
	2460	40.5	2433	2460	45.0	2765	48,500		
	2495	41.4	2469	2495	46.0	2806	47,900		Compressed
	2520	41.9	2472	2520	46.5	2809	48,700		Compressed
	4064	40.9	2428	4064	45.5	2760	46,500		Compressed
	2700	43.7	2205	2700	48.5	2506	45,900		Compressed
SRA 168 HPBT	2015	36.0	2325	2015	40.0	2642	50,500	2.800"	
	2230	37.8	2297	2230	42.0	2610	49,500		
	2460	38.3	2289	2460	42.5	2601	48,600		
	2495	40.1	2336	2495	44.5	2654	47,900		Compressed
	2520	40.5	2387	2520	45.0	2712	50,200		
	4064	38.7	2262	4064	43.0	2571	43,000		Compressed
	2700	42.3	2194	2700	47.0	2493	48,800		Compressed
SRA 175 HPBT	2230	36.0	2244	2230	40.0	2551	60,000**	2.800"	
	2460	36.4	2242	2460	40.5	2548	58,500**		Very Consistent
	2495	37.3	2272	2495	41.5	2582	58,800**		
	2520	37.8	2285	2520	42.0	2597	61,000**		
	4064	39.1	2303	4064	43.5	2618	59,300**		
	2700	42.3	2280	2700	47.0	2591	57,800**		Compressed
NOS 180 BT	2230	36.0	2146	2230	40.0	2439	48,800	2.800"	
	2460	37.4	2177	2460	41.5	2474	49,500		
	2495	38.7	2281	2495	43.0	2592	50,800		
	2520	40.1	2302	2520	44.5	2616	49,200		
	4064	37.8	2170	4064	42.0	2466	43,800		Compressed
	2700	42.3	2174	2700	47.0	2470	40,000		Compressed
WIN 180 FS	2230	34.6	2141	2230	38.5	2434	49,900	2.715"	
	2460	35.1	2170	2460	39.0	2467	50,200		
	2495	32.4	2058	2495	36.0	2339	51,000		
	2520	37.3	2218	2520	41.5	2521	48,600		
	2700	40.9	2149	2700	45.5	2443	49,200		
SRA 190 HPBT	2230	34.7	2084	2230	38.5	2368	47,700	2.800"	
	2460	35.1	2083	2460	39.0	2367	46,400		
	2495	36.0	2108	2495	40.0	2395	45,300		
	2520	37.4	2128	2520	41.5	2418	47,100		
	4064	36.9	2125	4064	41.0	2415	44,700		Compressed
	2700	40.5	2035	2700	45.0	2312	46,000		
NOS 200 (Part)	2230	34.2	2004	2230	38.0	2277	46,500	2.800"	
	2460	34.2	1990	2460	38.0	2261	43,900		
	2495	34.7	2012	2495	38.5	2286	47,100		
	2520	36.3	2041	2520	40.3	2319	45,500		
	4064	36.0	2009	4064	40.0	2284	42,800		Compressed
	2700	39.6	1962	2700	44.0	2229	46,600		

.308 WINCHESTER (continued)

Bullet	START LOADS			MAXIMUM LOADS			C.U.P.	Cartridge Length	Comment
	Powder	Grains	Vel.	Powder	Grains	Vel.			
SRA 220 HPBT	2230	32.4	1883	2230	36.0	2140	45,300	2.800"	Compressed
	2460	33.3	1911	2460	37.0	2172	46,200		
	2495	34.7	1959	2495	38.5	2226	47,300		
	2520	34.2	1896	2520	38.0	2154	44,900		
	4064	35.1	1925	4064	39.0	2188	45,100		
	2700	37.8	1900	2700	42.0	2159	48,300		
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.30 Caliber Sabots*									
REM 55 SABOT	2230	46.8	3249	2230	52.0	3693	47,600	2.530"	Compressed

* IMI Case

** Pressure data in P.S.I.