



30-06 Springfield

.308"	30
Weight (grains)	100
Ballistic Coefficient	0.144
Sectional Density	0.151
COAL Tested	2.935"
Speer Part No.	1805

Plinker® SPRN

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
IMR 3031	Winchester	CCI 200	53.0	3251	57.0	3510
IMR 4064	Winchester	CCI 200	55.0	3202	59.0	3450
Hodgdon H335	Winchester	CCI 250	54.0	3147	58.0	3383
Winchester 748	Winchester	CCI 250	56.0	3166	60.0	3369
IMR 4895	Winchester	CCI 200	51.0	3073	55.0	3323
IMR 4320	Winchester	CCI 200	54.0	3044	58.0	3289
Hodgdon H322	Winchester	CCI 200	48.0	2985	52.0	3268
Alliant Reloder 7	Winchester	CCI 200	43.0	2875	47.0	3239
IMR SR 4759 (reduced load)	Winchester	CCI 200	16.0	1545	20.0	1969

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Maximum loads should be used with CAUTION • C = Compressed Load



30-06 Springfield

.308"	30 Carbine TMJ® RN
Weight (grains)	110
Ballistic Coefficient	0.179
Sectional Density	0.166
COAL Tested	2.915"
Speer Part No.	1846

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
Winchester 748	Winchester	CCI 250	58.0	3201	62.0 C	3414
Alliant Reloder 15	Winchester	CCI 200	56.0	3124	60.0 C	3363
Accurate 2460	Winchester	CCI 250	51.0	3129	55.0	3349
Accurate 2520	Winchester	CCI 250	52.0	3144	56.0	3343
Hodgdon Varget	Winchester	CCI 200	55.0	3063	59.0 C	3312
IMR 4064	Winchester	CCI 200	54.0	2965	58.0	3264
Vihtavuori N135	Winchester	CCI 200	51.0	3047	55.0	3258
Accurate 2495	Winchester	CCI 200	51.0	2950	55.0	3218
IMR 4320	Winchester	CCI 200	53.0	2931	57.0	3135
IMR 4895	Winchester	CCI 200	50.5	2908	54.5	3127
Hodgdon H4895	Winchester	CCI 200	49.0	2855	53.0	3123
Hodgdon BL-C(2)	Winchester	CCI 250	51.0	2815	55.0	3096
Hodgdon H322	Winchester	CCI 200	46.0	2789	50.0	2941
Accurate XMR 5744 (reduced load)	Winchester	CCI 200	26.0	1965	27.0	2044

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.308"	30
Weight (grains)	Varminter HP
Ballistic Coefficient	110
Sectional Density	0.128
COAL Tested	0.166
Speer Part No.	2.870"
	1835

NOTE: This bullet not intended for velocities in excess of 2900 fps.

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
Winchester 760	Winchester	CCI 250	52.0	2682	56.0	2904
Winchester 748	Winchester	CCI 250	44.5	2631	48.5	2888
IMR 4350	Winchester	CCI 200	54.0	2651	58.0	2873
IMR 3031	Winchester	CCI 200	42.5	2601	46.5	2871
IMR 4895	Winchester	CCI 200	44.0	2588	48.0	2847
Alliant Reloder 7	Winchester	CCI 200	38.0	2541	42.0	2836
Hodgdon H322	Winchester	CCI 200	41.0	2530	45.0	2769
Hodgdon BL-C(2)	Winchester	CCI 250	48.0	2537	52.0	2766
IMR 4227 (reduced load)	Winchester	CCI 200	29.0	2316	31.0	2500

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30-06 Springfield

	30
	TNT® HP
Weight (grains)	125
Ballistic Coefficient	0.341
Sectional Density	0.188
COAL Tested	3.100"
Speer Part No.	1986

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
Alliant AR-Comp	Federal	Federal 210	48.6	3037	53.7	3261
Alliant Power Pro Varmint	Federal	Federal 210	48.4	2964	53.6	3228
IMR 8208 XBR	Federal	Federal 210	48.4	3048	52.6	3222
Alliant Reloder 10X	Federal	Federal 210	46.3	2959	51.3	3210
Accurate 2460	Winchester	CCI 250	49.0	2974	53.0	3178
IMR 3031	Winchester	CCI 200	50.0	2862	54.0	3167
Vihtavuori N135	Winchester	CCI 200	49.0	2844	53.0	3116
Accurate 2015	Winchester	CCI 200	46.0	2905	50.0	3111
Hodgdon BL-C(2)	Winchester	CCI 250	51.0	2874	55.0	3106
Accurate 2495	Winchester	CCI 200	50.0	2876	54.0	3105
Accurate 2230	Winchester	CCI 200	47.0	2887	51.0	3103
Hodgdon H335	Winchester	CCI 250	51.0	2872	55.0	3093
Accurate 2520	Winchester	CCI 250	48.0	2867	52.0	3085
Hodgdon Varget	Winchester	CCI 200	51.5	2763	55.5	3037
Hodgdon H4895	Winchester	CCI 200	47.0	2741	51.0	3025
Alliant Power Pro 1200-R	Federal	Federal 210	38.5	2812	42.5	3025
IMR 4320	Winchester	CCI 200	51.0	2762	55.0	3011
IMR 4895	Winchester	CCI 200	48.0	2777	52.0	3002
Hodgdon H322	Winchester	CCI 200	44.0	2720	48.0	2916

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.308"	30 HP	30 SPFN Hot- Cor®
Weight (grains)	130	130
Ballistic Coefficient	0.244	0.212
Sectional Density	0.196	0.196
COAL Tested	3.060"	3.045"
Speer Part No.	2005	2007

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
Alliant Power Pro 2000-MR	Federal	Federal 210	51.2	2928	56.6	3192
Alliant Reloder 15	Federal	Federal 210	49.5	2862	54.7	3165
Alliant AR-Comp	Federal	Federal 210	46.5	2915	51.4	3149
IMR 8208 XBR	Federal	Federal 210	45.5	2905	50.6	3120
Alliant Power Pro Varmint	Federal	Federal 210	44.6	2841	49.3	3064
Accurate 2460	Winchester	CCI 250	47.5	2805	51.0	3031
IMR 4064	Winchester	CCI 200	51.0	2802	55.0	3022
Hodgdon H414	Winchester	CCI 250	56.0	2787	60.0	3012
Hodgdon Varget	Winchester	CCI 200	51.0	2771	55.0	3006
Accurate 2015	Winchester	CCI 200	45.0	2803	49.0	3004
IMR 3031	Winchester	CCI 200	48.5	2678	52.5	3003
Hodgdon H335	Winchester	CCI 250	50.0	2758	54.0	2979
IMR 4895	Winchester	CCI 200	47.5	2728	51.5	2937
Winchester 748	Winchester	CCI 250	51.0	2728	55.0	2910
Hodgdon BL-C(2)	Winchester	CCI 250	49.0	2699	53.0	2894
Vihtavuori N140	Winchester	CCI 200	48.0	2671	52.0	2868
Hodgdon H4895	Winchester	CCI 200	45.0	2654	49.0	2764
Hodgdon H322	Winchester	CCI 200	43.0	2546	47.0	2757
Accurate 5744 (reduced load)	Winchester	CCI 200	25.0	1819	27.0	1949

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.308"	30 SPFN Hot-Cor®	30 Spitzer BTSP	30 Spitzer SP Hot-Cor®	30 Grand Slam® SP/CANN
Weight (grains)	150	150	150	150
Ballistic Coefficient	0.255	0.417	0.377	0.295
Sectional Density	0.226	0.226	0.226	0.226
COAL Tested	3.045"	3.250"	3.250"	3.160"
Speer Part No.	2011	2022	2023	2026

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
Alliant Reloder 16	Federal	Federal 210	53.3	2754	59.0 C	3013
Alliant Reloder 17	Federal	Federal 210	51.7	2716	56.7	2958
IMR 4451	Federal	Federal 210	54.5	2700	60.4 C	2933
Alliant Power Pro 2000-MR	Federal	Federal 210	46.6	2685	51.4	2906
Hodgdon H380	Winchester	CCI 250	54.0	2690	58.0	2885
IMR 4350	Winchester	CCI 200	55.0	2620	59.0	2872
Vihtavuori N540	Winchester	CCI 200	45.0	2664	49.0	2867
Alliant AR-Comp	Federal	Federal 210	42.6	2656	47.1	2859
Hodgdon H414	Winchester	CCI 250	54.0	2633	58.0	2840
Hodgdon Varget	Winchester	CCI 200	49.0	2587	53.0	2817
Winchester 760	Winchester	CCI 250	53.0	2558	57.0	2814
Hodgdon H4350	Winchester	CCI 200	55.0	2541	59.0 C	2800
IMR 4064	Winchester	CCI 200	48.0	2547	52.0	2772
Alliant Reloder 15	Winchester	CCI 200	48.0	2550	52.0	2762
IMR 4895	Winchester	CCI 200	45.5	2543	49.5	2756
Alliant Reloder 19	Winchester	CCI 200	58.0	2548	62.0 C	2756
Accurate 2460	Winchester	CCI 250	44.0	2585	48.0	2750
Hodgdon H4895	Winchester	CCI 200	42.0	2451	46.0	2601
Accurate 5744 (reduced load)	Winchester	CCI 200	26.0	1941	28.0	2064

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.308"	30 Spitzer BTSP	30 Spitzer SP Hot-Cor®	30 Grand Slam® SP/CANN
Weight (grains)	165	165	165
Ballistic Coefficient	0.520	0.444	0.354
Sectional Density	0.248	0.248	0.248
COAL Tested	3.250"	3.250"	3.165"
Speer Part No.	2034	2035	2038

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
Ramshot Hunter	Federal	Federal 210	57.4	2803	63.4 C	2974
Alliant Power Pro 4000-MR	Federal	Federal 210	54.8	2705	60.8 C	2943
Alliant Reloder 16	Federal	Federal 210	52.0	2733	57.0 C	2936
Alliant Reloder 17	Federal	Federal 210	51.9	2678	56.5	2879
Accurate 4350	Federal	Federal 210	53.6	2622	59.5 C	2870
Alliant Power Pro 2000-MR	Federal	Federal 210	47.2	2628	52.2	2851
Winchester 760	Winchester	CCI 250	53.0	2631	57.0	2840
Hodgdon H4831SC	Winchester	CCI 200	60.0	2534	62.0 C	2808
IMR 4350	Winchester	CCI 200	54.0	2501	58.0	2782
Vihtavuori N540	Winchester	CCI 200	43.0	2598	47.0	2774
Alliant Reloder 22	Winchester	CCI 200	58.0	2530	62.0 C	2759
Hodgdon H4350	Winchester	CCI 200	54.0	2489	58.0 C	2758
Hodgdon H414	Winchester	CCI 250	52.0	2520	56.0	2757
Hodgdon H380	Winchester	CCI 250	51.0	2544	55.0	2740
Hodgdon Varget	Winchester	CCI 200	46.0	2462	50.0	2703
IMR 4831	Winchester	CCI 200	55.0	2442	59.0	2702
Vihtavuori N140	Winchester	CCI 200	46.0	2490	50.0	2695
IMR 4064	Winchester	CCI 200	46.5	2433	50.5	2671
Alliant Reloder 19	Winchester	CCI 200	55.0	2372	59.0 C	2644
Accurate 2520	Winchester	CCI 250	42.0	2354	46.0	2624
IMR SR 4759 (reduced load)	Winchester	CCI 200	21.0	1615	25.0	1949

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.308"	30
Weight (grains)	168
Ballistic Coefficient	0.534
Sectional Density	0.253
COAL Tested	3.295"
Speer Part No.	2040

Match BTHP

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
Alliant Reloder 16	Federal	Federal 210	52.9	2725	58.6 C	2952
Alliant Reloder 17	Federal	Federal 210	51.0	2626	56.7	2886
Vihtavuori N160	Winchester	CCI 200	57.0	2610	61.0	2863
IMR 4451	Federal	Federal 210	52.3	2633	58.1 C	2857
Hodgdon H4350	Winchester	CCI 200	56.0	2591	60.0 C	2831
IMR 4350	Winchester	CCI 200	55.0	2586	59.0	2818
Alliant AR-Comp	Federal	Federal 210	43.1	2590	47.7	2787
†Hodgdon H380	Winchester	CCI 250	51.0	2479	55.0	2770
IMR 7828	Winchester	CCI 250	58.0	2575	62.0	2739
Alliant Reloder 19	Winchester	CCI 200	57.0	2489	61.0 C	2730
Hodgdon H4831	Winchester	CCI 250	57.0	2450	61.0 C	2693
IMR 4831	Winchester	CCI 250	56.0	2398	60.0	2664
Hodgdon H414	Winchester	CCI 250	50.0	2453	54.0	2664
Winchester 760	Winchester	CCI 250	50.0	2411	54.0	2658
†IMR 4895	Winchester	CCI 200	44.0	2461	48.0	2635
†IMR 4064	Winchester	CCI 200	45.0	2389	49.0	2577

†—denotes propellant suitable for gas-operated semi-auto match rifles

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.308"	30 Spitzer BTSP	30 Spitzer SP Hot- Cor®	30 Grand Slam® SP/CANN
Weight (grains)	180	180	180
Ballistic Coefficient	0.545	0.441	0.374
Sectional Density	0.271	0.271	0.271
COAL Tested	3.250"	3.160"	3.160"
Speer Part No.	2052	2053	2063

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
Ramshot Hunter	Federal	Federal 210	54.1	2592	59.2 C	2797
Hodgdon H4350	Winchester	CCI 200	54.0	2671	58.0 C	2791
IMR 4064	Winchester	CCI 200	46.0	2612	50.0	2791
Alliant Reloder 16	Federal	Federal 210	49.8	2545	55.2 C	2770
Alliant Reloder 23	Federal	Federal 210	53.2	2503	59.9 C	2769
Alliant Power Pro 4000-MR	Federal	Federal 210	51.4	2552	57.1 C	2764
Alliant Reloder 22	Winchester	CCI 200	58.0	2648	62.0 C	2755
Hodgdon H4831SC	Winchester	CCI 200	60.0	2610	62.0 C	2753
Alliant Reloder 17	Federal	Federal 210	49.0	2522	54.4	2732
IMR 4831	Winchester	CCI 200	55.0	2572	59.0 C	2716
Winchester 760	Winchester	CCI 250	51.0	2567	55.0	2709
Hodgdon H414	Winchester	CCI 250	51.0	2573	55.0	2705
Alliant Reloder 19	Winchester	CCI 200	55.0	2483	59.0 C	2671
IMR 4350	Winchester	CCI 200	52.0	2523	56.0 C	2670
Alliant Power Pro 2000-MR	Federal	Federal 210	45.0	2445	49.8	2666
Accurate 4350	Winchester	CCI 200	53.0	2469	57.0 C	2645
Vihtavuori N160	Winchester	CCI 200	52.0	2351	56.0	2584
Alliant Reloder 15	Winchester	CCI 200	45.0	2434	49.0	2579
IMR 4895	Winchester	CCI 200	43.0	2387	47.0	2564
IMR 4198 (reduced load)	Winchester	CCI 200	26.0	1725	30.0	2010

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