

.25-06 Remington

Test barrel: 580 mm (23"), 1 in 10" twist

Primers: Large Rifle

Cases: Remington, trim-to length 63.10 mm (2.484")

| Weight [g] | Bullet | | C.O. ... [mm] [in.] | Powder | | | Starting load | | | Maximum load | | | | |
|---------------|--------|--------|------------------------|--------|---------------|-------------------|-------------------|---------------|-------------------|-------------------|---------------|-------------------|-------------------|------|
| | Type | Mfg. | | Type | Weight [g] | Velocity [m/s] | Velocity [fps] | Weight [g] | Velocity [m/s] | Velocity [fps] | Weight [g] | Velocity [m/s] | Velocity [fps] | |
| 5,6 | SPBT | Speer | 79,3 | 3,122 | N140 | 2,35 | 36,2 | 876 | 2873 | 961 | 2,74 | 42,3 | 961 | 3153 |
| | | | | | N150 | 2,51 | 38,7 | 892 | 2925 | 980 | 2,91 | 44,9 | 980 | 3215 |
| | | | | | N160 | 3,15 | 49,6 | 935 | 3069 | 1020 | 3,55 | 54,8 | 1020 | 3346 |
| | | | | | N165 | 3,52 | 54,3 | 960 | 3149 | 1049 | 3,95 | 60,9 | 1049 | 3442 |
| 6,5 | SPBT | Speer | 81,2 | 3,197 | N140 | 2,50 | 40,0 | 873 | 2864 | 924 | 2,78 | 42,9 | 924 | 3031 |
| | | | | | N150 | 2,66 | 41,0 | 878 | 2981 | 930 | 2,86 | 44,1 | 930 | 3051 |
| | | | | | N160 | 3,24 | 50,0 | 911 | 2990 | 966 | 3,38 | 52,2 | 966 | 3169 |
| | | | | | N560 | 3,16 | 49,8 | 900 | 2954 | 990 | 3,59 | 55,4 | 990 | 3248 |
| 7,8 | Sp.zer | Speer | 80,2 | 3,157 | N165 | 3,44 | 53,0 | 922 | 3024 | 979 | 3,66 | 56,5 | 979 | 3212 |
| | | | | | N170 | 3,55 | 54,7 | 885 | 2902 | 975 | 4,05 | 62,5 | 975 | 3199 |
| | | | | | N150 | 1,95 | 30,1 | 692 | 2270 | 776 | 2,32 | 35,8 | 776 | 2546 |
| | | | | | N160 | 2,50 | 38,6 | 759 | 2461 | 844 | 2,94 | 45,4 | 844 | 2769 |
| 7,8 | HPBT | Siar'a | 80,0 | 3,155 | N560 | 2,81 | 43,3 | 798 | 2619 | 890 | 3,24 | 50,0 | 890 | 2920 |
| | | | | | N165 | 2,69 | 41,5 | 777 | 2549 | 853 | 3,13 | 48,3 | 853 | 2799 |
| | | | | | N170 | 3,17 | 49,9 | 802 | 2630 | 873 | 3,59 | 55,4 | 873 | 2864 |
| | | | | | N160 | 2,75 | 42,4 | 791 | 2597 | 871 | 3,09 | 47,7 | 871 | 2858 |
| 7,8 | HPBT | Siar'a | 80,0 | 3,155 | N560 | 2,95 | 45,6 | 818 | 2685 | 903 | 3,33 | 51,4 | 903 | 2963 |
| | | | | | N165 | 3,03 | 46,8 | 817 | 2681 | 889 | 3,38 | 52,2 | 889 | 2917 |
| N170 | 3,35 | 51,7 | 817 | 2682 | 904 | 3,81 | 58,8 | 904 | 2966 | | | | | |

6,5 mm Grendel

Test barrel: 475 mm (18 3/4"), 1 in 9" twist

Primers: Small Rifle

Cases: Alex-A, trim-to length 38.50 mm (1.516")

| Weight [g] | Bullet | | C.O. ... [mm] [in.] | Powder | | | Starting load | | | Maximum load | | | | |
|---------------|--------|--------|------------------------|--------|---------------|-------------------|-------------------|---------------|-------------------|-------------------|---------------|-------------------|-------------------|------|
| | Type | Mfg. | | Type | Weight [g] | Velocity [m/s] | Velocity [fps] | Weight [g] | Velocity [m/s] | Velocity [fps] | Weight [g] | Velocity [m/s] | Velocity [fps] | |
| 6,5 | 100 | Scenar | 57,1 | 2,248 | N130 | 1,40 | 21,6 | 674 | 2211 | 840 | 1,76 | 27,2 | 840 | 2756 |
| | | | | | N530 | 1,60 | 24,7 | 729 | 2392 | 858 | 1,90 | 29,3 | 858 | 2815 |
| 7,0 | 108 | Scenar | 57,1 | 2,248 | N133 | 1,57 | 24,2 | 728 | 2389 | 854 | 1,90 | 29,3 | 854 | 2802 |
| | | | | | N130 | 1,40 | 21,6 | 671 | 2201 | 751 | 1,69 | 26,1 | 751 | 2595 |
| N530 | 1,44 | 22,2 | 690 | 2264 | 821 | 1,73 | 26,7 | 821 | 2694 | | | | | |