

# Rifle Reloading data

## Cartridge

|             |   |
|-------------|---|
| Cartridge   | .30-06 Springfield                      |
| Test barrel | 620 mm (24½"), 1 in 10" twist           |
| Primers     | Large Rifle                             |
| Cases       | Lapua, trim-to length 63,10 mm (2.484") |



VIHTAVUORI

## Bullet specifications

Your search returned [323](#) different loads:

| Bullet |         |               |       | Powder | Load   |      |          |      |  |
|--------|---------|---------------|-------|--------|--------|------|----------|------|--|
| g      |         |               |       | mm     |        | g    |          | m/s  |  |
| Weight | Mfg     | Type          | C.O.L | Type   | Weight |      | Velocity |      |  |
|        |         |               |       |        | start  | max  | start    | max  |  |
| 3,7    | Lapua   | ALS           | 79,0  | N110   | 2,02   | 2,49 | 1075     | 1217 |  |
| 6,5    | Lapua   | HP / OTCE     | 79,8  | N130   | 2,58   | 3,15 | 869      | 998  |  |
| 6,5    | Lapua   | HP / OTCE     | 79,8  | N133   | 3,07   | 3,49 | 911      | 1016 |  |
| 6,5    | Lapua   | HP / OTCE     | 79,8  | N135   | 3,25   | 3,66 | 927      | 1033 |  |
| 6,5    | Lapua   | HP / OTCE     | 79,8  | N140   | 3,50   | 3,96 | 926      | 1044 |  |
| 6,5    | Lapua   | HP / OTCE     | 79,8  | N540   | 3,59   | 4,08 | 939      | 1058 |  |
| 7,1    | Hornady | RN            | 74,0  | N133   | 3,15   | 3,48 | 873      | 983  |  |
| 7,1    | Hornady | RN            | 74,0  | N135   | 3,14   | 3,47 | 864      | 964  |  |
| 7,1    | Hornady | RN            | 74,0  | N140   | 3,38   | 3,74 | 881      | 977  |  |
| 7,1    | Hornady | RN            | 74,0  | N150   | 3,57   | 3,94 | 905      | 1002 |  |
| 8,0    | Lapua   | FMJ           | 79,8  | N130   | 2,61   | 3,01 | 838      | 934  |  |
| 8,0    | Lapua   | FMJ           | 79,8  | N133   | 2,95   | 3,31 | 825      | 922  |  |
| 8,0    | Lapua   | FMJ           | 79,8  | N135   | 3,19   | 3,48 | 852      | 937  |  |
| 8,0    | Lapua   | FMJ           | 79,8  | N140   | 3,35   | 3,73 | 853      | 952  |  |
| 8,0    | Lapua   | FMJ           | 79,8  | N540   | 3,49   | 3,83 | 863      | 958  |  |
| 8,0    | Lapua   | FMJ           | 79,8  | N150   | 3,59   | 3,91 | 880      | 976  |  |
| 8,1    | Hornady | ECX           | 81,1  | N135   | 2,70   | 2,92 | 807      | 883  |  |
| 8,1    | Hornady | ECX           | 81,1  | N140   | 3,20   | 3,43 | 870      | 937  |  |
| 8,1    | Hornady | ECX           | 81,1  | N540   | 3,30   | 3,60 | 880      | 965  |  |
| 8,1    | Hornady | ECX           | 81,1  | N150   | 3,15   | 3,47 | 856      | 936  |  |
| 8,1    | Hornady | ECX           | 81,1  | N550   | 3,45   | 3,80 | 890      | 970  |  |
| 8,1    | Hornady | ECX           | 81,1  | N555   | 3,80   | 3,90 | 891      | 915  |  |
| 8,1    | Hornady | ECX           | 81,1  | N160   | 3,85   | 4,10 | 886      | 942  |  |
| 8,1    | Nosler  | Ballistic Tip | 84,0  | N135   | 3,10   | 3,40 | 865      | 935  |  |
| 8,1    | Nosler  | Ballistic Tip | 84,0  | N140   | 3,31   | 3,64 | 878      | 958  |  |
| 8,1    | Nosler  | Ballistic Tip | 84,0  | N540   | 3,49   | 3,91 | 880      | 994  |  |

| Bullet |          |               |       | Powder | Load   |      |          |     |
|--------|----------|---------------|-------|--------|--------|------|----------|-----|
| g      |          |               | mm    |        | g      |      | m/s      |     |
| Weight | Mfg      | Type          | C.O.L | Type   | Weight |      | Velocity |     |
|        |          |               |       |        | start  | max  | start    | max |
| 8,1    | Nosler   | Ballistic Tip | 84,0  | N150   | 3,34   | 3,81 | 882      | 966 |
| 8,1    | Nosler   | Ballistic Tip | 84,0  | N550   | 3,70   | 3,91 | 895      | 950 |
| 8,5    | Barnes   | TSX BT        | 83,3  | N530   | 3,03   | 3,34 | 860      | 935 |
| 8,5    | Barnes   | TSX BT        | 83,3  | N140   | 3,20   | 3,47 | 864      | 936 |
| 8,5    | Barnes   | TSX BT        | 83,3  | N540   | 3,33   | 3,62 | 883      | 960 |
| 8,5    | Barnes   | TSX BT        | 83,3  | N150   | 3,25   | 3,55 | 868      | 938 |
| 8,5    | Barnes   | TSX BT        | 83,3  | N550   | 3,54   | 3,89 | 882      | 967 |
| 9,5    | Brenneke | TUG           | 80,8  | N140   | 2,94   | 3,22 | 773      | 850 |
| 9,5    | Brenneke | TUG           | 80,8  | N540   | 3,09   | 3,40 | 804      | 888 |
| 9,5    | Brenneke | TUG           | 80,8  | N150   | 3,07   | 3,37 | 790      | 867 |
| 9,5    | Brenneke | TUG           | 80,8  | N550   | 3,25   | 3,60 | 806      | 893 |
| 9,5    | Brenneke | TUG           | 80,8  | N555   | 3,72   | 3,90 | 845      | 882 |
| 9,5    | Brenneke | TUG           | 80,8  | N160   | 3,80   | 4,13 | 824      | 910 |
| 9,7    | Barnes   | TTSX BT       | 84,8  | N150   | 2,94   | 3,21 | 780      | 851 |
| 9,7    | Barnes   | TTSX BT       | 84,8  | N550   | 3,20   | 3,52 | 799      | 880 |
| 9,7    | Barnes   | TTSX BT       | 84,8  | N555   | 3,60   | 3,96 | 836      | 909 |
| 9,7    | Barnes   | TTSX BT       | 84,8  | N160   | 3,68   | 4,00 | 819      | 892 |
| 9,7    | Hornady  | SST           | 82,6  | N530   | 2,82   | 3,10 | 808      | 874 |
| 9,7    | Hornady  | SST           | 82,6  | N140   | 3,05   | 3,27 | 824      | 882 |
| 9,7    | Hornady  | SST           | 82,6  | N540   | 3,15   | 3,39 | 839      | 906 |
| 9,7    | Hornady  | SST           | 82,6  | N150   | 3,08   | 3,33 | 828      | 891 |
| 9,7    | Hornady  | SST           | 82,6  | N550   | 3,36   | 3,58 | 838      | 903 |
| 9,7    | Hornady  | SST           | 82,6  | N555   | 3,70   | 4,00 | 846      | 903 |
| 9,7    | Hornady  | SST           | 82,6  | N160   | 3,66   | 3,92 | 854      | 918 |
| 9,7    | Lapua    | LockBase      | 84,0  | N135   | 2,93   | 3,23 | 789      | 851 |
| 9,7    | Lapua    | LockBase      | 84,0  | N140   | 3,13   | 3,45 | 802      | 872 |
| 9,7    | Lapua    | LockBase      | 84,0  | N540   | 3,16   | 3,54 | 792      | 882 |
| 9,7    | Lapua    | LockBase      | 84,0  | N150   | 3,25   | 3,58 | 803      | 877 |
| 9,7    | Lapua    | LockBase      | 84,0  | N550   | 3,51   | 3,87 | 819      | 917 |
| 9,7    | Lapua    | Mega E469     | 76,9  | N135   | 2,60   | 3,09 | 711      | 835 |
| 9,7    | Lapua    | Mega E469     | 76,9  | N140   | 2,83   | 3,32 | 732      | 857 |
| 9,7    | Lapua    | Mega E469     | 76,9  | N540   | 2,94   | 3,47 | 742      | 893 |
| 9,7    | Lapua    | Mega E469     | 76,9  | N150   | 2,86   | 3,22 | 777      | 858 |
| 9,7    | Lapua    | Mega E469     | 76,9  | N550   | 3,12   | 3,48 | 801      | 886 |
| 9,7    | LOS      | HT            | 83,0  | N540   | 3,21   | 3,50 | 864      | 940 |
| 9,7    | LOS      | HT            | 83,0  | N150   | 3,21   | 3,49 | 853      | 922 |
| 9,7    | LOS      | HT            | 83,0  | N550   | 3,40   | 3,80 | 866      | 952 |
| 9,7    | Norma    | FMJ           | 82,0  | N540   | 3,10   | 3,42 | 826      | 904 |

| Bullet |           |                       |       | Powder | Load   |      |          |     |
|--------|-----------|-----------------------|-------|--------|--------|------|----------|-----|
| g      |           |                       | mm    |        | g      |      | m/s      |     |
| Weight | Mfg       | Type                  | C.O.L | Type   | Weight |      | Velocity |     |
|        |           |                       |       |        | start  | max  | start    | max |
| 9,7    | Norma     | FMJ                   | 82,0  | N150   | 3,10   | 3,36 | 822      | 884 |
| 9,7    | Norma     | FMJ                   | 82,0  | N550   | 3,35   | 3,59 | 834      | 904 |
| 9,7    | Norma     | FMJ                   | 82,0  | N555   | 3,70   | 3,95 | 863      | 918 |
| 9,7    | Norma     | FMJ                   | 82,0  | N160   | 3,65   | 3,90 | 810      | 870 |
| 9,7    | Red Moose | TARVAS                | 82,9  | N140   | 3,27   | 3,48 | 838      | 897 |
| 9,7    | Red Moose | TARVAS                | 82,9  | N540   | 3,40   | 3,62 | 855      | 925 |
| 9,7    | Red Moose | TARVAS                | 82,9  | N150   | 3,30   | 3,54 | 832      | 896 |
| 9,7    | Red Moose | TARVAS                | 82,9  | N550   | 3,60   | 3,83 | 867      | 930 |
| 9,7    | Sierra    | HPBT                  | 84,0  | N140   | 3,08   | 3,42 | 798      | 871 |
| 9,7    | Sierra    | HPBT                  | 84,0  | N540   | 3,27   | 3,64 | 809      | 906 |
| 9,7    | Sierra    | HPBT                  | 84,0  | N150   | 3,29   | 3,65 | 807      | 895 |
| 9,7    | Sierra    | HPBT                  | 84,0  | N550   | 3,54   | 3,87 | 833      | 916 |
| 10,0   | Brenneke  | TAG                   | 81,8  | N150   | 2,89   | 3,25 | 760      | 842 |
| 10,0   | Brenneke  | TAG                   | 81,8  | N550   | 3,28   | 3,52 | 796      | 868 |
| 10,0   | Brenneke  | TAG                   | 81,8  | N160   | 3,43   | 3,75 | 784      | 844 |
| 10,0   | Lapua     | Scenar / OTM Scenar-L | 84,0  | N140   | 2,78   | 3,23 | 755      | 850 |
| 10,0   | Lapua     | Scenar / OTM Scenar-L | 84,0  | N540   | 3,05   | 3,45 | 774      | 886 |
| 10,0   | Lapua     | Scenar / OTM Scenar-L | 84,0  | N150   | 2,79   | 3,30 | 767      | 863 |
| 10,0   | Lapua     | Scenar / OTM Scenar-L | 84,0  | N550   | 3,19   | 3,48 | 811      | 899 |
| 10,0   | Lapua     | Scenar / OTM Scenar-L | 84,0  | N160   | 3,45   | 3,77 | 817      | 902 |
| 10,0   | Nosler    | Custom Competition    | 84,8  | N140   | 2,88   | 3,18 | 791      | 856 |
| 10,0   | Nosler    | Custom Competition    | 84,8  | N540   | 3,08   | 3,39 | 822      | 893 |
| 10,0   | Nosler    | Custom Competition    | 84,8  | N150   | 2,92   | 3,22 | 803      | 867 |
| 10,0   | Nosler    | Custom Competition    | 84,8  | N550   | 3,28   | 3,57 | 831      | 900 |
| 10,0   | Nosler    | Custom Competition    | 84,8  | N555   | 3,60   | 3,90 | 848      | 912 |
| 10,0   | Nosler    | Custom Competition    | 84,8  | N160   | 3,65   | 3,93 | 836      | 899 |
| 10,0   | Sierra    | HPBT Palma            | 84,8  | N140   | 3,10   | 3,34 | 821      | 876 |
| 10,0   | Sierra    | HPBT Palma            | 84,8  | N540   | 3,16   | 3,41 | 829      | 898 |
| 10,0   | Sierra    | HPBT Palma            | 84,8  | N150   | 3,12   | 3,33 | 821      | 879 |
| 10,0   | Sierra    | HPBT Palma            | 84,8  | N550   | 3,45   | 3,64 | 843      | 902 |
| 10,0   | Sierra    | HPBT Palma            | 84,8  | N160   | 3,67   | 3,90 | 845      | 896 |
| 10,1   | Berger    | Fullbore              | 83,5  | N140   | 3,07   | 3,31 | 808      | 870 |
| 10,1   | Berger    | Fullbore              | 83,5  | N540   | 3,19   | 3,42 | 834      | 903 |
| 10,1   | Berger    | Fullbore              | 83,5  | N150   | 3,10   | 3,34 | 823      | 880 |
| 10,1   | Berger    | Fullbore              | 83,5  | N550   | 3,35   | 3,57 | 842      | 903 |
| 10,1   | Berger    | Fullbore              | 83,5  | N555   | 3,65   | 3,95 | 851      | 906 |
| 10,1   | Berger    | Fullbore              | 83,5  | N160   | 3,75   | 3,98 | 846      | 908 |
| 10,7   | Brenneke  | TOG                   | 81,0  | N150   | 2,50   | 2,90 | 682      | 764 |

| Bullet |           |             |       | Powder | Load   |      |          |     |
|--------|-----------|-------------|-------|--------|--------|------|----------|-----|
| g      |           |             | mm    |        | g      |      | m/s      |     |
| Weight | Mfg       | Type        | C.O.L | Type   | Weight |      | Velocity |     |
|        |           |             |       |        | start  | max  | start    | max |
| 10,7   | Brenneke  | TOG         | 81,0  | N550   | 2,96   | 3,33 | 738      | 816 |
| 10,7   | Brenneke  | TOG         | 81,0  | N555   | 3,40   | 3,85 | 767      | 860 |
| 10,7   | Brenneke  | TOG         | 81,0  | N160   | 2,90   | 3,53 | 708      | 810 |
| 10,7   | Hornady   | ECX         | 81,1  | N140   | 2,75   | 3,05 | 711      | 786 |
| 10,7   | Hornady   | ECX         | 81,1  | N540   | 2,90   | 3,18 | 738      | 820 |
| 10,7   | Hornady   | ECX         | 81,1  | N150   | 2,70   | 3,11 | 706      | 792 |
| 10,7   | Hornady   | ECX         | 81,1  | N550   | 3,05   | 3,31 | 758      | 826 |
| 10,7   | Hornady   | ECX         | 81,1  | N555   | 3,28   | 3,71 | 770      | 845 |
| 10,7   | Hornady   | ECX         | 81,1  | N160   | 3,30   | 3,75 | 747      | 834 |
| 10,7   | Hornady   | ECX         | 81,1  | N560   | 3,65   | 4,10 | 767      | 857 |
| 10,7   | Hornady   | GMX         | 83,5  | N550   | 2,93   | 3,13 | 747      | 812 |
| 10,7   | Hornady   | GMX         | 83,5  | N555   | 3,19   | 3,49 | 769      | 831 |
| 10,7   | Hornady   | GMX         | 83,5  | N160   | 3,04   | 3,46 | 740      | 824 |
| 10,7   | Hornady   | GMX         | 83,5  | N560   | 3,36   | 3,61 | 742      | 816 |
| 10,7   | Red Moose | TARVAS      | 82,8  | N540   | 3,27   | 3,48 | 811      | 877 |
| 10,7   | Red Moose | TARVAS      | 82,8  | N150   | 3,13   | 3,36 | 782      | 841 |
| 10,7   | Red Moose | TARVAS      | 82,8  | N550   | 3,42   | 3,65 | 814      | 876 |
| 10,7   | Red Moose | TARVAS      | 82,8  | N555   | 3,77   | 4,05 | 837      | 883 |
| 10,7   | Red Moose | TARVAS      | 82,8  | N160   | 3,81   | 4,10 | 819      | 882 |
| 10,7   | Sierra    | SBT         | 84,3  | N540   | 3,12   | 3,39 | 804      | 868 |
| 10,7   | Sierra    | SBT         | 84,3  | N150   | 2,96   | 3,26 | 770      | 833 |
| 10,7   | Sierra    | SBT         | 84,3  | N550   | 3,27   | 3,54 | 808      | 873 |
| 10,7   | Sierra    | SBT         | 84,3  | N555   | 3,67   | 3,90 | 831      | 879 |
| 10,7   | Sierra    | SBT         | 84,3  | N160   | 3,60   | 3,95 | 808      | 874 |
| 10,7   | Swift     | Scirocco II | 84,0  | N540   | 2,98   | 3,23 | 768      | 835 |
| 10,7   | Swift     | Scirocco II | 84,0  | N150   | 2,80   | 3,12 | 751      | 813 |
| 10,7   | Swift     | Scirocco II | 84,0  | N550   | 3,21   | 3,46 | 782      | 848 |
| 10,7   | Swift     | Scirocco II | 84,0  | N555   | 3,34   | 3,73 | 788      | 862 |
| 10,7   | Swift     | Scirocco II | 84,0  | N160   | 3,41   | 3,67 | 788      | 849 |
| 10,7   | Swift     | Scirocco II | 84,0  | N560   | 3,62   | 3,95 | 778      | 852 |
| 10,85  | Lapua     | Scenar      | 84,0  | N135   | 2,75   | 3,02 | 746      | 808 |
| 10,85  | Lapua     | Scenar      | 84,0  | N140   | 2,95   | 3,25 | 737      | 812 |
| 10,85  | Lapua     | Scenar      | 84,0  | N540   | 2,94   | 3,37 | 737      | 836 |
| 10,85  | Lapua     | Scenar      | 84,0  | N150   | 3,06   | 3,38 | 748      | 821 |
| 10,85  | Lapua     | Scenar      | 84,0  | N550   | 3,22   | 3,57 | 779      | 855 |
| 10,85  | Lapua     | Scenar      | 84,0  | N160   | 3,60   | 4,00 | 749      | 842 |
| 10,9   | Barnes    | TSX         | 81,7  | N540   | 2,73   | 3,09 | 735      | 824 |
| 10,9   | Barnes    | TSX         | 81,7  | N550   | 2,96   | 3,26 | 735      | 825 |

| Bullet |         |                |       | Powder | Load   |      |          |     |
|--------|---------|----------------|-------|--------|--------|------|----------|-----|
| g      |         |                | mm    |        | g      |      | m/s      |     |
| Weight | Mfg     | Type           | C.O.L | Type   | Weight |      | Velocity |     |
|        |         |                |       |        | start  | max  | start    | max |
| 10,9   | Barnes  | TSX            | 81,7  | N160   | 3,25   | 3,65 | 745      | 833 |
| 10,9   | Berger  | Classic Hunter | 82,8  | N140   | 2,82   | 3,08 | 761      | 826 |
| 10,9   | Berger  | Classic Hunter | 82,8  | N540   | 3,00   | 3,25 | 789      | 854 |
| 10,9   | Berger  | Classic Hunter | 82,8  | N150   | 2,87   | 3,14 | 774      | 837 |
| 10,9   | Berger  | Classic Hunter | 82,8  | N550   | 3,12   | 3,37 | 792      | 855 |
| 10,9   | Berger  | Classic Hunter | 82,8  | N555   | 3,45   | 3,79 | 808      | 878 |
| 10,9   | Berger  | Classic Hunter | 82,8  | N160   | 3,53   | 3,80 | 805      | 870 |
| 10,9   | Hornady | A-Max          | 81,8  | N540   | 3,02   | 3,23 | 778      | 842 |
| 10,9   | Hornady | A-Max          | 81,8  | N150   | 2,95   | 3,19 | 762      | 823 |
| 10,9   | Hornady | A-Max          | 81,8  | N550   | 3,27   | 3,46 | 794      | 855 |
| 10,9   | Hornady | A-Max          | 81,8  | N555   | 3,50   | 3,80 | 802      | 866 |
| 10,9   | Hornady | A-Max          | 81,8  | N160   | 3,65   | 3,94 | 801      | 858 |
| 10,9   | Nosler  | RDF            | 84,8  | N140   | 2,85   | 3,12 | 760      | 822 |
| 10,9   | Nosler  | RDF            | 84,8  | N540   | 3,02   | 3,20 | 792      | 846 |
| 10,9   | Nosler  | RDF            | 84,8  | N150   | 2,90   | 3,14 | 775      | 830 |
| 10,9   | Nosler  | RDF            | 84,8  | N550   | 3,10   | 3,35 | 791      | 857 |
| 10,9   | Nosler  | RDF            | 84,8  | N555   | 3,50   | 3,78 | 815      | 877 |
| 10,9   | Nosler  | RDF            | 84,8  | N160   | 3,55   | 3,81 | 808      | 868 |
| 10,9   | Sierra  | TMK            | 84,0  | N140   | 2,89   | 3,16 | 762      | 832 |
| 10,9   | Sierra  | TMK            | 84,0  | N540   | 2,98   | 3,24 | 790      | 864 |
| 10,9   | Sierra  | TMK            | 84,0  | N150   | 2,95   | 3,22 | 774      | 845 |
| 10,9   | Sierra  | TMK            | 84,0  | N550   | 3,17   | 3,46 | 800      | 876 |
| 11,0   | Lapua   | LockBase B476  | 84,0  | N140   | 2,91   | 3,24 | 717      | 799 |
| 11,0   | Lapua   | LockBase B476  | 84,0  | N540   | 2,96   | 3,34 | 729      | 821 |
| 11,0   | Lapua   | LockBase B476  | 84,0  | N150   | 3,06   | 3,41 | 735      | 815 |
| 11,0   | Lapua   | LockBase B476  | 84,0  | N550   | 3,17   | 3,61 | 746      | 842 |
| 11,0   | Lapua   | LockBase B476  | 84,0  | N160   | 3,65   | 4,05 | 765      | 853 |
| 11,0   | Lapua   | Naturalis LR   | 82,0  | N150   | 2,54   | 3,12 | 753      | 822 |
| 11,0   | Lapua   | Naturalis LR   | 82,0  | N550   | 3,16   | 3,42 | 761      | 845 |
| 11,0   | Lapua   | Naturalis LR   | 82,0  | N160   | 3,39   | 3,74 | 756      | 846 |
| 11,0   | Lapua   | Naturalis N558 | 82,0  | N540   | 2,85   | 3,15 | 739      | 821 |
| 11,0   | Lapua   | Naturalis N558 | 82,0  | N150   | 2,62   | 2,99 | 694      | 771 |
| 11,0   | Lapua   | Naturalis N558 | 82,0  | N550   | 3,01   | 3,33 | 759      | 843 |
| 11,0   | Lapua   | Naturalis N558 | 82,0  | N555   | 3,43   | 3,68 | 786      | 846 |
| 11,0   | Lapua   | Naturalis N558 | 82,0  | N160   | 3,38   | 3,73 | 777      | 857 |
| 11,0   | Lapua   | Naturalis N558 | 82,0  | N560   | 3,47   | 3,91 | 756      | 846 |
| 11,0   | Sako    | Blade 657A     | 84,8  | N140   | 2,67   | 3,03 | 667      | 758 |
| 11,0   | Sako    | Blade 657A     | 84,8  | N540   | 2,90   | 3,24 | 736      | 820 |

| Bullet |             |                    |       | Powder | Load   |      |          |     |
|--------|-------------|--------------------|-------|--------|--------|------|----------|-----|
| g      |             |                    | mm    |        | g      |      | m/s      |     |
| Weight | Mfg         | Type               | C.O.L | Type   | Weight |      | Velocity |     |
|        |             |                    |       |        | start  | max  | start    | max |
| 11,0   | Sako        | Blade 657A         | 84,8  | N150   | 2,70   | 3,09 | 676      | 764 |
| 11,0   | Sako        | Blade 657A         | 84,8  | N550   | 3,08   | 3,40 | 742      | 825 |
| 11,0   | Sako        | Blade 657A         | 84,8  | N555   | 3,38   | 3,82 | 766      | 848 |
| 11,0   | Sako        | Blade 657A         | 84,8  | N160   | 3,25   | 3,74 | 721      | 817 |
| 11,3   | Lapua       | OTM Scenar-L GB550 | 84,6  | N540   | 3,03   | 3,26 | 760      | 829 |
| 11,3   | Lapua       | OTM Scenar-L GB550 | 84,6  | N150   | 3,00   | 3,21 | 751      | 807 |
| 11,3   | Lapua       | OTM Scenar-L GB550 | 84,6  | N550   | 3,30   | 3,45 | 777      | 833 |
| 11,3   | Lapua       | OTM Scenar-L GB550 | 84,6  | N555   | 3,45   | 3,71 | 787      | 843 |
| 11,3   | Lapua       | OTM Scenar-L GB550 | 84,6  | N160   | 3,60   | 3,82 | 777      | 835 |
| 11,3   | Lapua       | OTM Scenar-L GB550 | 84,6  | N560   | 3,67   | 3,95 | 767      | 836 |
| 11,6   | Hornady     | ELD-X              | 84,8  | N540   | 3,01   | 3,28 | 764      | 837 |
| 11,6   | Hornady     | ELD-X              | 84,8  | N150   | 3,02   | 3,26 | 744      | 814 |
| 11,6   | Hornady     | ELD-X              | 84,8  | N550   | 3,19   | 3,44 | 766      | 839 |
| 11,6   | Hornady     | ELD-X              | 84,8  | N555   | 3,41   | 3,69 | 774      | 833 |
| 11,6   | Hornady     | ELD-X              | 84,8  | N160   | 3,51   | 3,88 | 765      | 843 |
| 11,7   | Barnes      | TSX                | 81,7  | N540   | 2,72   | 2,99 | 713      | 783 |
| 11,7   | Barnes      | TSX                | 81,7  | N550   | 2,89   | 3,20 | 710      | 788 |
| 11,7   | Barnes      | TSX                | 81,7  | N160   | 3,14   | 3,54 | 712      | 792 |
| 11,7   | Berger      | Elite Hunter       | 84,8  | N540   | 3,05   | 3,31 | 783      | 850 |
| 11,7   | Berger      | Elite Hunter       | 84,8  | N150   | 2,99   | 3,26 | 761      | 825 |
| 11,7   | Berger      | Elite Hunter       | 84,8  | N550   | 3,28   | 3,52 | 785      | 859 |
| 11,7   | Berger      | Elite Hunter       | 84,8  | N555   | 3,48   | 3,75 | 783      | 845 |
| 11,7   | Berger      | Elite Hunter       | 84,8  | N160   | 3,54   | 3,91 | 788      | 862 |
| 11,7   | Berger      | Elite Hunter       | 84,8  | N560   | 3,71   | 4,08 | 785      | 866 |
| 11,7   | Fox Bullets | Classic Hunter     | 80,0  | N140   | 2,60   | 2,84 | 701      | 751 |
| 11,7   | Fox Bullets | Classic Hunter     | 80,0  | N540   | 2,73   | 3,06 | 722      | 794 |
| 11,7   | Fox Bullets | Classic Hunter     | 80,0  | N150   | 2,55   | 2,85 | 688      | 756 |
| 11,7   | Fox Bullets | Classic Hunter     | 80,0  | N160   | 3,31   | 3,68 | 739      | 816 |
| 11,7   | Hornady     | CX                 | 81,7  | N540   | 2,70   | 3,01 | 697      | 772 |
| 11,7   | Hornady     | CX                 | 81,7  | N150   | 2,60   | 2,93 | 666      | 739 |
| 11,7   | Hornady     | CX                 | 81,7  | N550   | 2,75   | 3,11 | 691      | 771 |
| 11,7   | Hornady     | CX                 | 81,7  | N555   | 3,20   | 3,68 | 728      | 810 |
| 11,7   | Hornady     | CX                 | 81,7  | N160   | 3,00   | 3,53 | 692      | 782 |
| 11,7   | Hornady     | CX                 | 81,7  | N560   | 3,60   | 3,93 | 745      | 815 |
| 11,7   | Hornady     | GMX                | 82,9  | N140   | 2,68   | 2,88 | 687      | 737 |
| 11,7   | Hornady     | GMX                | 82,9  | N540   | 2,71   | 2,94 | 697      | 751 |
| 11,7   | Hornady     | GMX                | 82,9  | N150   | 2,58   | 2,91 | 666      | 742 |
| 11,7   | Hornady     | GMX                | 82,9  | N550   | 2,83   | 3,13 | 695      | 773 |

| Bullet |          |                   |       | Powder | Load   |      |          |     |
|--------|----------|-------------------|-------|--------|--------|------|----------|-----|
| g      |          |                   | mm    |        | g      |      | m/s      |     |
| Weight | Mfg      | Type              | C.O.L | Type   | Weight |      | Velocity |     |
|        |          |                   |       |        | start  | max  | start    | max |
| 11,7   | Hornady  | GMX               | 82,9  | N555   | 3,15   | 3,56 | 728      | 800 |
| 11,7   | Hornady  | GMX               | 82,9  | N160   | 2,97   | 3,41 | 695      | 779 |
| 11,7   | Hornady  | GMX               | 82,9  | N560   | 3,47   | 3,96 | 716      | 807 |
| 11,7   | Norma    | Oryx              | 82,0  | N150   | 2,66   | 2,98 | 719      | 779 |
| 11,7   | Norma    | Oryx              | 82,0  | N550   | 2,86   | 3,14 | 732      | 796 |
| 11,7   | Norma    | Oryx              | 82,0  | N160   | 3,21   | 3,61 | 748      | 819 |
| 11,7   | Norma    | Oryx              | 82,0  | N560   | 3,44   | 3,74 | 748      | 816 |
| 11,7   | Sierra   | SBT               | 84,6  | N540   | 2,94   | 3,19 | 747      | 813 |
| 11,7   | Sierra   | SBT               | 84,6  | N150   | 2,86   | 3,19 | 733      | 796 |
| 11,7   | Sierra   | SBT               | 84,6  | N550   | 3,12   | 3,38 | 763      | 826 |
| 11,7   | Sierra   | SBT               | 84,6  | N555   | 3,50   | 3,85 | 788      | 856 |
| 11,7   | Sierra   | SBT               | 84,6  | N160   | 3,54   | 3,82 | 769      | 832 |
| 12,0   | Berger   | Classic Hunter    | 84,6  | N540   | 3,10   | 3,36 | 776      | 842 |
| 12,0   | Berger   | Classic Hunter    | 84,6  | N150   | 3,01   | 3,31 | 750      | 820 |
| 12,0   | Berger   | Classic Hunter    | 84,6  | N550   | 3,30   | 3,53 | 775      | 846 |
| 12,0   | Berger   | Classic Hunter    | 84,6  | N555   | 3,49   | 3,72 | 774      | 828 |
| 12,0   | Berger   | Classic Hunter    | 84,6  | N160   | 3,57   | 3,89 | 772      | 848 |
| 12,0   | Berger   | Classic Hunter    | 84,6  | N560   | 3,77   | 4,11 | 778      | 860 |
| 12,0   | Berger   | Hybrid Target     | 84,0  | N150   | 2,96   | 3,21 | 746      | 813 |
| 12,0   | Berger   | Hybrid Target     | 84,0  | N550   | 3,19   | 3,41 | 773      | 840 |
| 12,0   | Berger   | Hybrid Target     | 84,0  | N160   | 3,49   | 3,85 | 767      | 842 |
| 12,0   | Berger   | Hybrid Target     | 84,0  | N560   | 3,64   | 3,98 | 765      | 850 |
| 12,0   | Berger   | Juggernaut Target | 84,8  | N540   | 2,95   | 3,15 | 752      | 809 |
| 12,0   | Berger   | Juggernaut Target | 84,8  | N150   | 2,70   | 3,04 | 719      | 783 |
| 12,0   | Berger   | Juggernaut Target | 84,8  | N550   | 3,00   | 3,29 | 748      | 815 |
| 12,0   | Berger   | Juggernaut Target | 84,8  | N555   | 3,45   | 3,73 | 780      | 836 |
| 12,0   | Berger   | Juggernaut Target | 84,8  | N160   | 3,35   | 3,73 | 757      | 825 |
| 12,0   | Berger   | Juggernaut Target | 84,8  | N560   | 3,60   | 3,95 | 765      | 841 |
| 12,0   | Brenneke | Basic             | 81,0  | N540   | 2,88   | 3,21 | 734      | 806 |
| 12,0   | Brenneke | Basic             | 81,0  | N550   | 3,08   | 3,30 | 746      | 804 |
| 12,0   | Brenneke | Basic             | 81,0  | N555   | 3,47   | 3,78 | 767      | 829 |
| 12,0   | Brenneke | Basic             | 81,0  | N160   | 3,42   | 3,69 | 750      | 812 |
| 12,0   | Lapua    | Mega E415         | 79,5  | N540   | 2,82   | 3,17 | 728      | 811 |
| 12,0   | Lapua    | Mega E415         | 79,5  | N150   | 2,75   | 3,28 | 692      | 791 |
| 12,0   | Lapua    | Mega E415         | 79,5  | N550   | 3,12   | 3,46 | 728      | 812 |
| 12,0   | Lapua    | Mega E415         | 79,5  | N160   | 3,38   | 3,71 | 739      | 815 |
| 12,0   | Lapua    | Mega E415         | 79,5  | N560   | 3,50   | 3,89 | 737      | 826 |
| 12,0   | Lapua    | Scenar            | 84,0  | N540   | 2,86   | 3,16 | 688      | 771 |



| Bullet |         |                          |       | Powder | Load   |      |          |     |
|--------|---------|--------------------------|-------|--------|--------|------|----------|-----|
| g      |         |                          | mm    |        | g      |      | m/s      |     |
| Weight | Mfg     | Type                     | C.O.L | Type   | Weight |      | Velocity |     |
|        |         |                          |       |        | start  | max  | start    | max |
| 12,0   | Lapua   | Scenar                   | 84,0  | N150   | 2,88   | 3,26 | 696      | 778 |
| 12,0   | Lapua   | Scenar                   | 84,0  | N550   | 3,02   | 3,36 | 701      | 792 |
| 12,0   | Lapua   | Scenar                   | 84,0  | N160   | 3,48   | 3,85 | 724      | 809 |
| 12,0   | Lapua   | Scenar                   | 84,0  | N560   | 3,52   | 4,01 | 724      | 816 |
| 12,3   | Sierra  | HPBT                     | 84,0  | N150   | 2,90   | 3,20 | 695      | 767 |
| 12,3   | Sierra  | HPBT                     | 84,0  | N550   | 3,07   | 3,49 | 708      | 812 |
| 12,3   | Sierra  | HPBT                     | 84,0  | N555   | 3,40   | 3,75 | 757      | 824 |
| 12,3   | Sierra  | HPBT                     | 84,0  | N160   | 3,42   | 3,81 | 724      | 795 |
| 12,3   | Sierra  | HPBT                     | 84,0  | N560   | 3,57   | 4,04 | 721      | 825 |
| 13,0   | Lapua   | Mega E401                | 79,5  | N150   | 2,75   | 3,10 | 692      | 747 |
| 13,0   | Lapua   | Mega E401                | 79,5  | N550   | 3,12   | 3,28 | 730      | 767 |
| 13,0   | Lapua   | Mega E401                | 79,5  | N555   | 3,37   | 3,67 | 730      | 794 |
| 13,0   | Lapua   | Mega E401                | 79,5  | N160   | 3,38   | 3,48 | 739      | 763 |
| 13,0   | Nosler  | Partition                | 84,0  | N150   | 2,79   | 3,08 | 669      | 724 |
| 13,0   | Nosler  | Partition                | 84,0  | N160   | 3,38   | 3,73 | 704      | 765 |
| 13,0   | Rhino   | Solid Shank Scandinavia  | 78,0  | N540   | 2,70   | 3,05 | 670      | 748 |
| 13,0   | Rhino   | Solid Shank Scandinavia  | 78,0  | N150   | 2,59   | 3,03 | 650      | 731 |
| 13,0   | Rhino   | Solid Shank Scandinavia  | 78,0  | N550   | 3,00   | 3,35 | 703      | 774 |
| 13,0   | Rhino   | Solid Shank Scandinavia  | 78,0  | N555   | 3,45   | 3,77 | 736      | 797 |
| 13,0   | Rhino   | Solid Shank Scandinavia  | 78,0  | N160   | 3,45   | 3,67 | 717      | 774 |
| 13,0   | Swift   | A-Frame                  | 84,0  | N550   | 3,19   | 3,42 | 720      | 784 |
| 13,0   | Swift   | A-Frame                  | 84,0  | N160   | 3,40   | 3,68 | 708      | 778 |
| 13,0   | Swift   | A-Frame                  | 84,0  | N165   | 3,85   | 4,14 | 740      | 804 |
| 13,3   | Berger  | Elite Hunter             | 84,5  | N140   | 2,73   | 2,96 | 684      | 741 |
| 13,3   | Berger  | Elite Hunter             | 84,5  | N540   | 2,87   | 3,11 | 708      | 766 |
| 13,3   | Berger  | Elite Hunter             | 84,5  | N150   | 2,80   | 3,04 | 687      | 742 |
| 13,3   | Berger  | Elite Hunter             | 84,5  | N550   | 3,00   | 3,23 | 714      | 772 |
| 13,3   | Berger  | Elite Hunter             | 84,5  | N555   | 3,33   | 3,63 | 733      | 794 |
| 13,3   | Berger  | Elite Hunter             | 84,5  | N160   | 3,39   | 3,65 | 722      | 780 |
| 13,5   | Berger  | Long Range Hybrid Target | 84,8  | N140   | 2,72   | 2,90 | 678      | 726 |
| 13,5   | Berger  | Long Range Hybrid Target | 84,8  | N540   | 2,82   | 3,02 | 698      | 756 |
| 13,5   | Berger  | Long Range Hybrid Target | 84,8  | N150   | 2,75   | 2,98 | 677      | 733 |
| 13,5   | Berger  | Long Range Hybrid Target | 84,8  | N550   | 2,95   | 3,19 | 705      | 765 |
| 13,5   | Berger  | Long Range Hybrid Target | 84,8  | N555   | 3,38   | 3,63 | 734      | 788 |
| 13,5   | Berger  | Long Range Hybrid Target | 84,8  | N160   | 3,40   | 3,65 | 718      | 779 |
| 13,5   | Hornady | A-MAX                    | 84,2  | N550   | 3,03   | 3,28 | 711      | 769 |
| 13,5   | Hornady | A-MAX                    | 84,2  | N160   | 3,27   | 3,56 | 711      | 774 |
| 13,5   | Hornady | A-MAX                    | 84,2  | N560   | 3,56   | 3,83 | 732      | 798 |



| Bullet |           |                          |       | Powder | Load   |      |          |     |
|--------|-----------|--------------------------|-------|--------|--------|------|----------|-----|
| g      |           |                          | mm    |        | g      |      | m/s      |     |
| Weight | Mfg       | Type                     | C.O.L | Type   | Weight |      | Velocity |     |
|        |           |                          |       |        | start  | max  | start    | max |
| 13,5   | Hornady   | A-MAX                    | 84,2  | N565   | 3,57   | 3,89 | 729      | 782 |
| 13,6   | Nosler    | RDF                      | 84,8  | N140   | 2,70   | 2,85 | 685      | 721 |
| 13,6   | Nosler    | RDF                      | 84,8  | N150   | 2,60   | 2,88 | 670      | 727 |
| 13,6   | Nosler    | RDF                      | 84,8  | N550   | 2,85   | 3,08 | 692      | 752 |
| 13,6   | Nosler    | RDF                      | 84,8  | N555   | 3,15   | 3,44 | 713      | 774 |
| 13,6   | Nosler    | RDF                      | 84,8  | N160   | 3,20   | 3,47 | 708      | 766 |
| 13,6   | Nosler    | RDF                      | 84,8  | N560   | 3,35   | 3,61 | 712      | 774 |
| 14,0   | Berger    | Hybrid Target            | 84,8  | N550   | 3,04   | 3,28 | 704      | 768 |
| 14,0   | Berger    | Hybrid Target            | 84,8  | N555   | 3,25   | 3,53 | 705      | 761 |
| 14,0   | Berger    | Hybrid Target            | 84,8  | N165   | 3,76   | 3,95 | 727      | 774 |
| 14,0   | Berger    | Hybrid Target            | 84,8  | N560   | 3,55   | 3,94 | 719      | 800 |
| 14,3   | Berger    | Long Range Hybrid Target | 84,8  | N150   | 2,68   | 2,89 | 652      | 702 |
| 14,3   | Berger    | Long Range Hybrid Target | 84,8  | N550   | 2,87   | 3,13 | 679      | 740 |
| 14,3   | Berger    | Long Range Hybrid Target | 84,8  | N555   | 3,32   | 3,58 | 711      | 767 |
| 14,3   | Berger    | Long Range Hybrid Target | 84,8  | N160   | 3,30   | 3,53 | 693      | 750 |
| 14,3   | Hornady   | RN                       | 84,0  | N160   | 3,29   | 3,63 | 654      | 722 |
| 14,3   | Hornady   | RN                       | 84,0  | N560   | 3,47   | 3,97 | 672      | 767 |
| 14,3   | Lapua     | Scenar-L                 | 84,8  | N150   | 2,71   | 2,96 | 645      | 701 |
| 14,3   | Lapua     | Scenar-L                 | 84,8  | N550   | 3,00   | 3,18 | 679      | 735 |
| 14,3   | Lapua     | Scenar-L                 | 84,8  | N555   | 3,15   | 3,42 | 686      | 741 |
| 14,3   | Lapua     | Scenar-L                 | 84,8  | N160   | 3,20   | 3,54 | 674      | 734 |
| 14,3   | Lapua     | Scenar-L                 | 84,8  | N165   | 3,60   | 3,89 | 700      | 760 |
| 14,3   | Lapua     | Scenar-L                 | 84,8  | N560   | 3,42   | 3,71 | 684      | 751 |
| 14,3   | Rhino     | Solid Shank              | 81,6  | N150   | 2,66   | 2,93 | 632      | 686 |
| 14,3   | Rhino     | Solid Shank              | 81,6  | N550   | 2,98   | 3,15 | 665      | 713 |
| 14,3   | Rhino     | Solid Shank              | 81,6  | N160   | 3,20   | 3,45 | 672      | 725 |
| 14,3   | Rhino     | Solid Shank              | 81,6  | N560   | 3,48   | 3,88 | 680      | 752 |
| 14,3   | Rhino     | Solid Shank              | 81,6  | N565   | 3,75   | 3,99 | 697      | 750 |
| 15,6   | Woodleigh | Weldcore                 | 84,0  | N165   | 3,45   | 3,90 | 658      | 729 |
| 15,6   | Woodleigh | Weldcore                 | 84,0  | N560   | 3,31   | 3,67 | 647      | 726 |
| 15,6   | Woodleigh | Weldcore                 | 84,0  | N565   | 3,48   | 3,87 | 667      | 732 |