# RIFLE BALLISTICS

| Ammo Description | | | | Velocity (m/sec) | | | | Energy (joules) | | | | Trajectory Tables (cm) | | | | GEE | GEE Trajectory | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CARTRIDGE | BULLET | ITEM # | B.C. | 0m | 50m | 100m | 150m | 200m | 250m | 300m | 0m | 50m | 100m | 150m | 200m | 250m | 300m | | 0m | 50m | 100m | 150m | 200m | 250m | 300m |
| V 17 Mach 2 | 17 Mach 2 | (1.0 g) 83377 | .125 | 640 | 539 | 464 | 289 | 223 | — | — | 226 | 160 | 110 | 73 | 46 | 27 | — | 5.0 | 1.8 | 0 | 14.2 | -47.0 | -109.3 | — | 124 |
| V 17 HMR | 15.5 gr. NTX® | (1.0 g) 83171 | 115 | 770 | 649 | 538 | 438 | 348 | 268 | 199 | 292 | 211 | 145 | 96 | 61 | 36 | 20 | 5.0 | 0.5 | 0 | -9.0 | -31.0 | -73.3 | -149.3 | 136 |
| V 17 HMR | 17 gr. V-MAX® | (1.1 g) 83281 | 120 | 777 | 660 | 563 | 466 | 380 | 303 | 237 | 323 | 233 | 169 | 123 | 87 | 60 | 40 | 5.0 | 0.5 | 0 | -8.2 | -29.2 | -67.9 | -137.9 | 147 |
| V 17 HMR | 20 gr. XTP® | (1.3 g) 83172 | 125 | 724 | 636 | 517 | 426 | 344 | 271 | 207 | 348 | 246 | 173 | 118 | 77 | 48 | 28 | -5.0 | 0.8 | 0 | -10.1 | -33.7 | -78.1 | -155.4 | 133 |
| V 17 Hornet | 20 gr. V-MAX® | (1.3 g) 83005 | 185 | 1111 | 1019 | 929 | 843 | 761 | 684 | 611 | 1372 | 1172 | 1037 | 950 | 860 | 776 | 693 | -5.0 | 1.3 | 0 | -1.5 | -6.5 | -15.8 | -30.1 | 213 |
| V 4.6 x 30mm | 38 gr. V-MAX® | (2.5 g) 90044 | 100 | 640 | 536 | 436 | 337 | 223 | — | — | 504 | 379 | 292 | 216 | 141 | — | — | -5.0 | 0.2 | 0 | 11.5 | -53.4 | — | — | 142 |
| V 204 Ruger | 24 gr. NTX® (20° Bo) | (1.6 g) 83189 | 130 | 1341 | 1228 | 1119 | 1016 | 918 | 828 | 736 | 1399 | 1172 | 974 | 803 | 655 | 528 | 421 | -5.0 | 1.3 | 0 | 5.7 | 5.1 | 1.5 | -5.7 | 263 |
| V 204 Ruger | 32 gr. V-MAX® (20° Bo) | (2.1 g) 83218 | 210 | 1289 | 1181 | 1073 | 971 | 869 | 772 | 680 | 1731 | 1421 | 1167 | 947 | 755 | 596 | 463 | -5.0 | 1.0 | 0 | 2.0 | 0.3 | -3.0 | -11.4 | 237 |
| V 204 Ruger | 40gr. V-MAX® (20° Bo) | (2.6 g) 83206 | 275 | 1189 | 1123 | 1058 | 996 | 936 | 877 | 821 | 1832 | 1634 | 1453 | 1286 | 1135 | 997 | 873 | -5.0 | 1.5 | 0 | -0.7 | -3.8 | -9.7 | -18.9 | 252 |
| V 22 WMR | 30 gr. V-MAX® | (1.9 g) 83202 | 095 | 671 | 536 | 417 | 313 | 224 | — | — | 300 | 230 | 169 | 95 | 49 | — | — | 5.0 | 3.9 | 4.0 | 10.3 | 56.0 | — | — | 122 |
| V 22 Hornet | 25 gr. NTX® | (1.6 g) 83211 | 120 | 726 | 615 | 510 | 411 | 320 | 236 | 161 | 293 | 210 | 147 | 101 | 67 | 42 | 24 | 5.0 | 0.7 | 0 | -9.2 | -29.4 | — | — | 122 |
| V 22 Hornet | 35 gr. V-MAX® | (2.3 g) 83307 | 109 | 936 | 793 | 663 | 544 | 437 | 341 | 258 | 993 | 714 | 498 | 335 | 216 | 132 | 75 | -5.0 | -0.5 | 0 | -5.1 | -18.6 | -45.0 | -92.2 | 156 |
| V 218 Bee | 45 gr. NTX® | (2.9 g) 83308 | 168 | 838 | 737 | 648 | 562 | 481 | 405 | 335 | 705 | 545 | 421 | 319 | 236 | 167 | 110 | -5.0 | 0.5 | -2.0 | -5.5 | -24.3 | -63.4 | -137.9 | 203 |
| V 22 Spitz | 55 gr. NTX® | (3.6 g) 83309 | 177 | 1166 | 1045 | 931 | 860 | 774 | 692 | 617 | 1690 | 1480 | 1321 | 1176 | 1039 | 880 | 744 | -4.29 | -0.9 | -1.4 | -3.3 | -10.7 | -26.7 | -54.9 | 232 |
| V 222 Rem | 50 gr. V-MAX® | (3.2 g) 83176 | 242 | 1020 | 913 | 814 | 723 | 639 | 560 | 487 | 1163 | 1041 | 927 | 820 | 717 | 622 | 533 | -5.0 | 0.9 | 4.0 | 4.0 | 0.3 | -7.6 | -29.5 | 157 |
| V 5.45 x 39mm | 45 gr. V-MAX® (16° Bo) | (2.9 g) 83147 | 285 | 1156 | 1053 | 953 | 852 | 754 | 662 | 574 | 1335 | 1107 | 910 | 739 | 592 | 462 | 354 | -5.0 | 0.6 | 4.0 | 3.0 | 0.3 | -5.4 | -22.7 | 156.1 |
| V 223 Rem | 35 gr. NTX® | (2.3 g) 83264 | 177 | 1219 | 1116 | 1017 | 923 | 833 | 748 | 668 | 1178 | 1079 | 901 | 738 | 635 | 506 | 405 | -5.0 | 1.1 | 0 | 3.4 | -1.9 | -11.6 | -31.9 | 236 |
| V 223 Rem | 50 gr. CX® | (3.2 g) 83212 | 164 | See ballistics for information | | | | | | | | | | | | | | | | | | | | | |
| V 223 Rem | 50 gr. ECX® | (3.2 g) 83204 | 184 | 1024 | 921 | 827 | 737 | 654 | 572 | 497 | 1699 | 1381 | 1109 | 880 | 688 | 530 | 400 | -5.0 | -1.1 | 0 | -2.5 | -9.6 | -22.5 | -42.8 | 189 |
| V 223 Rem | 53 gr. V-MAX® | (3.4 g) 83205 | 200 | 1066 | 997 | 940 | 885 | 831 | 779 | 729 | 1916 | 1708 | 1519 | 1345 | 1187 | 1043 | 913 | -5.0 | -1.3 | 0 | -1.5 | -6.2 | -14.4 | -26.6 | 218 |
| V 223 Rem | 55 gr. NTX® | (3.6 g) 83209 | 175 | 988 | 893 | 806 | 723 | 645 | 573 | 508 | 1238 | 1127 | 1028 | 932 | 843 | 757 | 678 | -5.0 | 1.0 | 4.0 | 3.2 | -2.4 | -13.1 | -32.9 | 229 |
| AG 223 Rem | 55 gr. HP | (3.6 g) 83237 | 223 | 988 | 914 | 844 | 776 | 712 | 650 | 590 | 1238 | 1140 | 1049 | 1069 | 1074 | 1037 | 952 | -5.0 | 1.0 | 4.0 | 3.6 | -2.4 | -8.9 | -20.3 | -174 |
| AG 223 Rem | 55 gr. SJHP | (3.6 g) 83266 | 235 | 1095 | 1014 | 935 | 861 | 789 | 722 | 663 | 1466 | 1327 | 1192 | 1075 | 1095 | 1073 | 1043 | -5.0 | 1.0 | 4.0 | 2.4 | -0.8 | -10.9 | -30.5 | 194 |
| C 223 Rem | 55 gr. FMJ-BT | (3.6 g) 80275 | 243 | 978 | 841 | 715 | 595 | 482 | 379 | 284 | 1178 | 1047 | 909 | 768 | 637 | 514 | 400 | -5.0 | 1.0 | 4.0 | 3.2 | -2.4 | -13.8 | -32.9 | 229 |
| V 223 Rem | 55 gr. VMAX® | (3.6 g) 83221 | 255 | 988 | 923 | 861 | 801 | 744 | 688 | 635 | 1238 | 1139 | 1222 | 1145 | 1066 | 1444 | 1118 | -5.0 | -1.1 | 0 | -2.3 | -8.3 | -18.8 | -34.5 | 197 |
| C 223 Rem | 62 gr. FMJ | (4.0 g) 80276 | 274 | 945 | 787 | 630 | 475 | 329 | 192 | 062 | 1232 | 1027 | 854 | 683 | 513 | 366 | 238 | -5.0 | 1.0 | 4.0 | 3.6 | -3.3 | -21.8 | -57.6 | 197 |
| V 223 Rem | 73 gr. FTX® | (4.7 g) 83260 | 208 | 850 | 792 | 737 | 683 | 631 | 581 | 533 | 1171 | 1485 | 1283 | 1192 | 1111 | 1035 | 963 | -5.0 | 1.0 | 4.0 | 5.2 | -1.7 | -14.7 | -37.4 | 168 |
| E 223 Rem | 73 gr. ELD® Match | (4.7 g) 83262 | 268 | 910 | 812 | 721 | 637 | 649 | 623 | 571 | 1561 | 1425 | 1276 | 1130 | 1000 | 1054 | 964 | -5.0 | -0.6 | 0 | -3.6 | -11.4 | -24.3 | -42.7 | 176 |
| E 223 Rem | 73 gr. VLD® Target | (4.7 g) 83267 | 395 | 850 | 812 | 775 | 738 | 702 | 667 | 633 | 1757 | 1602 | 1458 | 1323 | 1198 | 1082 | 975 | -5.0 | -0.6 | 0 | -3.5 | -11.4 | -24.3 | -42.8 | 176 |
| V 223 Rem | 75 gr. BTHP | (4.9 g) 83226 | 395 | 850 | 812 | 775 | 738 | 702 | 667 | 633 | 1757 | 1602 | 1458 | 1323 | 1198 | 1082 | 975 | -5.0 | -0.6 | 0 | -3.5 | -11.4 | -24.3 | -42.8 | 176 |
| V 223 Rem | 77 gr. Hornady® SP | (5.0 g) 83227 | 151 | 823 | 751 | 684 | 621 | 561 | 505 | 452 | 1166 | 1000 | 862 | 750 | 671 | 604 | 543 | -5.0 | 1.0 | 4.0 | 3.8 | -1.9 | -12.9 | -34.1 | 263 |
| SF 5.56 NATO | 55 gr. CX® (20° Bo) | (3.6 g) 83254 | 130 | 968 | 878 | 793 | 713 | 636 | 564 | 497 | 1669 | 1375 | 1122 | 905 | 722 | 568 | 440 | -5.0 | -0.9 | 0 | 3.0 | 10.9 | 24.3 | -4.4 | 181 |
| SF 5.56 NATO | 62 gr. FMJ (20° Bo) | (4.0 g) 83263 | 204 | 913 | 815 | 724 | 640 | 563 | 493 | 429 | 1344 | 1196 | 1059 | 929 | 810 | 700 | 598 | -5.0 | -0.9 | 0 | -2.8 | -9.7 | -21.6 | -38.7 | 187 |
| SM 5.56 NATO | 75 gr. BTHP (20° Bo) | (4.9 g) 83264 | 207 | 881 | 841 | 801 | 759 | 719 | 680 | 642 | 1294 | 1179 | 1126 | 1075 | 1017 | 962 | 909 | -5.0 | -0.9 | 0 | -2.9 | -9.3 | -19.7 | -34.9 | 179 |
| B 5.56 NATO | 75gr. Interlock® HD SBR (20° Bo) | (4.9 g) 83296 | 230 | 904 | 845 | 549 | 535 | 484 | 436 | 390 | 1205 | 1112 | 843 | 697 | 570 | 463 | 369 | -5.0 | 0.5 | 0 | -2.5 | -23.7 | -50.3 | -98.1 | 141 |
| V 22 ARC | 40 gr. ELD-VT® | (2.6 g) 83242 | 395 | 1100 | 1006 | 922 | 842 | 768 | 700 | 637 | 2013 | 1680 | 1390 | 1163 | 1427 | 1299 | 1181 | -5.0 | -1.2 | 0 | -1.4 | -6.5 | -14.9 | -27.0 | 214 |
| V 22 ARC | 70 gr. CX® | (4.5 g) 83239 | 392 | 953 | 911 | 873 | 833 | 793 | 756 | 719 | 2058 | 1884 | 1721 | 1569 | 1427 | 1295 | 1173 | -5.0 | -1.0 | 0 | -2.2 | -8.0 | -17.6 | -31.6 | 200 |
| M 22 ARC | 75 gr. ELD® Match | (4.9 g) 83241 | 447 | 937 | 917 | 917 | 917 | 917 | 917 | 917 | 2135 | 2135 | 2135 | 2135 | 2135 | 2135 | 2135 | -5.0 | -1.1 | 0 | -1.7 | -6.2 | -13.4 | -22.1 | 211 |
| M 22 ARC | 80 gr. ELD® Match | (5.2 g) 83244 | 447 | 917 | 885 | 853 | 821 | 790 | 759 | 729 | 2135 | 2000 | 1863 | 1731 | 1604 | 1483 | 1367 | -5.0 | -1.1 | 0 | -2.4 | -8.5 | -18.7 | -34.3 | 215 |
| M 22 ARC | 88 gr. ELD® Match | (5.7 g) 83243 | 545 | 860 | 860 | 860 | 860 | 860 | 860 | 860 | 2107 | 2107 | 2107 | 2107 | 2107 | 2107 | 2107 | -5.0 | -1.0 | 0 | -2.5 | -8.3 | -17.4 | -29.8 | 197 |
| V 22 Valkyrie | 70 gr. NTX® | (4.5 g) 83245 | 285 | 1060 | 993 | 931 | 871 | 814 | 761 | 711 | 1748 | 1533 | 1347 | 1184 | 1040 | 913 | 801 | -5.0 | -1.0 | 0 | -1.9 | -7.1 | -15.5 | -32.1 | 203 |
| B 22 Valkyrie | 75gr. BTHP | (4.9 g) 83232 | 395 | 914 | 874 | 835 | 797 | 760 | 724 | 688 | 2032 | 1858 | 1696 | 1545 | 1403 | 1272 | 1151 | -5.0 | -0.9 | 0 | -2.6 | -9.1 | -19.8 | -35.2 | 191 |
| B 22 Valkyrie | 88gr. ELD® Match | (5.7 g) 83234 | 545 | 875 | 860 | 860 | 860 | 860 | 860 | 860 | 2129 | 2129 | 2129 | 2129 | 2129 | 2129 | 2129 | -5.0 | -1.0 | 0 | -2.4 | -8.3 | -18.1 | -32.1 | 208 |
| V 22-250 Rem | 35 gr. NTX® | (2.3 g) 83304 | 177 | 1367 | 1247 | 1134 | 1042 | 951 | 866 | 787 | 1451 | 1323 | 1206 | 1099 | 1000 | 910 | 828 | -5.0 | -0.5 | 0 | -0.2 | -2.6 | -7.5 | -14.9 | 229 |
| V 22-250 Rem | 50 gr. V-MAX® | (3.2 g) 83236 | 242 | 1163 | 1084 | 1013 | 944 | 877 | 813 | 753 | 1673 | 1505 | 1362 | 1243 | 1247 | 1171 | 1105 | -5.0 | -1.5 | 0 | -1.9 | -6.6 | -11.5 | -22.1 | 218 |
| V 22-250 Rem | 55 gr. NTX® | (3.6 g) 83237 | 242 | 1270 | 1181 | 1097 | 1018 | 938 | 864 | 795 | 1835 | 1645 | 1528 | 1419 | 1318 | 1224 | 1137 | -5.0 | -1.0 | 0 | -1.4 | -5.4 | -12.4 | -23.1 | 214 |
| V 22-250 Rem | 55 gr. V-MAX® | (3.6 g) 83337 | 255 | 1223 | 1053 | 966 | 921 | 859 | 799 | 741 | 2242 | 1975 | 1733 | 1531 | 1357 | 1208 | 1081 | -5.0 | -1.4 | 0 | -1.1 | -5.2 | -12.5 | -23.7 | 231 |
| V 220 Swift | 55 gr. V-MAX® | (3.6 g) 83238 | 255 | 1122 | 1053 | 986 | 921 | 859 | 799 | 741 | 2242 | 1975 | 1733 | 1531 | 1357 | 1208 | 1081 | -5.0 | -1.4 | 0 | -1.1 | -5.2 | -12.5 | -23.7 | 231 |
| V 6mm ARC | 80 gr. ELD-VT® | (5.2 g) 83251 | 410 | 1100 | 1052 | 1005 | 959 | 914 | 870 | 827 | 2150 | 1963 | 1787 | 1625 | 1475 | 1337 | 1210 | -5.0 | -1.2 | 0 | -1.4 | -5.8 | -13.2 | -24.7 | 214 |
| Pmm ARC | 103 g. ELD-X® | (6.7 g) 83602 | 512 | 953 | 824 | 714 | 766 | 738 | 710 | 683 | 2431 | 2264 | 2107 | 1957 | 1816 | 1682 | 1556 | -5.0 | -0.7 | 0 | -3.2 | -10.6 | -22.5 | -39.2 | 151 |
| M 6mm ARC | 105 gr. ELD® Match | (6.8 g) 83608 | 536 | 838 | 810 | 782 | 755 | 729 | 702 | 677 | 2459 | 2296 | 2142 | 1996 | 1857 | 1726 | 1602 | -5.0 | -0.6 | 0 | -3.4 | -11.1 | -23.3 | -40.6 | 178 |
| V 6mm ARC | 80 gr. ELD® Match | (5.2 g) 83253 | 410 | 1100 | 1052 | 1005 | 959 | 914 | 870 | 827 | 2150 | 1963 | 1787 | 1625 | 1475 | 1337 | 1210 | -5.0 | -1.2 | 0 | -1.4 | -5.8 | -13.2 | -24.7 | 214 |
| V 243 Win | 55 gr. NTX® | (3.6 g) 83313 | 177 | 1198 | 1093 | 1000 | 913 | 833 | 758 | 688 | 1163 | 1080 | 1006 | 935 | 868 | 805 | 746 | -5.0 | -1.1 | 0 | -2.4 | -8.4 | -19.4 | -35.4 | 197 |
| V 243 Win | 58 gr. V-MAX® | (3.8 g) 83314 | 242 | 1190 | 1120 | 1054 | 989 | 927 | 867 | 810 | 1825 | 1680 | 1579 | 1486 | 1398 | 1314 | 1235 | -5.0 | -1.1 | 0 | -2.1 | -7.2 | -15.7 | -28.4 | 203 |
| V 243 Win | 70 gr. NTX® | (4.5 g) 83315 | 285 | 1100 | 1052 | 1005 | 959 | 914 | 870 | 827 | 1900 | 1745 | 1598 | 1462 | 1334 | 1216 | 1106 | -5.0 | -1.2 | 0 | -1.4 | -5.8 | -13.2 | -24.7 | 214 |
| V 243 Win | 80 gr. ELD-VT® | (5.2 g) 83252 | 410 | 1100 | 1052 | 1005 | 959 | 914 | 870 | 827 | 2150 | 1963 | 1787 | 1625 | 1475 | 1337 | 1210 | -5.0 | -1.2 | 0 | -1.4 | -5.8 | -13.2 | -24.7 | 214 |
| V 243 Win | 100gr. InterLock® BTSP | (6.5 g) 83247 | 405 | 982 | 864 | 826 | 789 | 753 | 717 | 683 | 2138 | 2476 | 2209 | 1976 | 1755 | 1555 | 1375 | -5.0 | -0.9 | 0 | -2.7 | -9.4 | -20.5 | -36.2 | 189 |
| V 6mm Rem | 80 gr. ELD-VT® | (5.2 g) 83297 | 410 | 1085 | 1015 | 951 | 887 | 846 | 813 | 785 | 2150 | 1882 | 1662 | 1479 | 1320 | 1181 | 1057 | -5.0 | -1.2 | 0 | -1.7 | -6.5 | -14.7 | -26.6 | 215 |
| VMM 6mm Creedmoor | 80 gr. ELD-VT® | (5.2 g) 83297 | 410 | 1085 | 1015 | 951 | 887 | 846 | 813 | 785 | 2150 | 1882 | 1662 | 1479 | 1320 | 1181 | 1057 | -5.0 | -1.2 | 0 | -1.7 | -6.5 | -14.7 | -26.6 | 215 |
| VMM 6mm Creedmoor | 87 gr. V-MAX® | (5.6 g) 83292 | 450 | 1117 | 1021 | 931 | 845 | 822 | 762 | 706 | 2477 | 2229 | 2015 | 1835 | 1725 | 1565 | 1413 | -5.0 | -1.1 | 0 | -1.9 | -7.2 | -16.1 | -29.7 | 203 |
| V 6mm Creedmoor | 105 gr. ELD® Match | (6.8 g) 83294 | 536 | 1173 | 1073 | 1000 | 914 | 841 | 774 | 714 | 3290 | 2841 | 2595 | 2375 | 2175 | 1992 | 1821 | -5.0 | -0.9 | 0 | -1.6 | -5.7 | -13.3 | -25.9 | 189 |
| Pmm Creedmoor | 103 g. ELD-X® | (6.7 g) 83292 | 512 | 990 | 898 | 808 | 830 | 809 | 790 | 770 | 2584 | 2434 | 2293 | 2158 | 2030 | 1908 | 1792 | -5.0 | -0.8 | 0 | -2.3 | -8.0 | -17.6 | -31.4 | 203 |
| Pmm Creedmoor | 108 gr. ELD® Match | (7.0 g) 83293 | 570 | 1000 | 910 | 828 | 752 | 683 | 620 | 562 | 2397 | 2178 | 1980 | 1802 | 1638 | 1488 | 1350 | -5.0 | -0.8 | 0 | -2.1 | -7.5 | -16.8 | -31.1 | 197 |
| Pmm Creedmoor | 130 gr. ELD® Match | (8.4 g) 83298 | 632 | 992 | 862 | 741 | 627 | 520 | 421 | 330 | 2850 | 2480 | 2153 | 1866 | 1610 | 1382 | 1181 | -5.0 | -0.8 | 0 | -2.2 | -8.2 | -18.7 | -34.1 | 192 |
| Pmm Creedmoor | 140 gr. InterLock® SP | (9.1 g) 83182 | 465 | 823 | 791 | 759 | 729 | 699 | 669 | 640 | 2172 | 2083 | 2000 | 1919 | 1841 | 1765 | 1692 | -5.0 | -1.0 | 0 | -2.5 | -8.8 | -19.0 | -33.5 | 193 |
| Pmm Creedmoor | 140 gr. ELD® Match | (9.1 g) 83180 | 465 | 850 | 840 | 830 | 820 | 810 | 800 | 790 | 2232 | 2184 | 2137 | 2091 | 2045 | 2000 | 1956 | -5.0 | -0.9 | 0 | -2.4 | -8.3 | -18.4 | -32.4 | 187 |
| AG 6.5 Creedmoor | 140 gr. BTHP | (9.1 g) 83182 | 580 | 920 | 794 | 749 | 744 | 720 | 695 | 672 | 2050 | 2367 | 2012 | 2511 | 2349 | 2194 | 2047 | -5.0 | -0.6 | 0 | -3.6 | -11.6 | -24.4 | -42.3 | 176 |
| E 6.5 Creedmoor | 143 gr. ELD® Match | (9.3 g) 83189 | 623 | 893 | 779 | 775 | 752 | 729 | 707 | 685 | 2138 | 2735 | 2385 | 2383 | 2315 | 2170 | 2030 | -5.0 | -0.6 | 0 | -3.5 | -11.3 | -23.8 | -41.2 | 176 |
| E 6.5 Creedmoor | 147 gr. ELD® Match | (9.5 g) 83183 | 697 | 921 | 800 | 779 | 758 | 738 | 717 | 697 | 3214 | 3040 | 2889 | 2737 | 2590 | 2449 | 2314 | -5.0 | -0.6 | 0 | -3.5 | -11.2 | -23.4 | -40.4 | 177 |

*All data from a 24" (61 cm) Bbl, unless otherwise noted.*

| Ammo Description | | | | Velocity (m/sec) | | | | Energy (joules) | | | | Trajectory Tables (cm) | | | | GEE | GEE Trajectory | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CARTRIDGE | BULLET | ITEM # | B.C. | 0m | 50m | 100m | 150m | 200m | 250m | 300m | 0m | 50m | 100m | 150m | 200m | 250m | 300m | | 0m | 50m | 100m | 150m | 200m | 250m | 300m |
| O 6.5 PRC | 130 gr. CX® | (8.4 g) 83622 | 489 | 907 | 875 | 843 | 812 | 781 | 752 | 722 | 3464 | 3222 | 2993 | 2777 | 2573 | 2380 | 2198 | -5.0 | -0.9 | 0 | -2.6 | -8.8 | -19.1 | -33.8 | 193 |
| PH 6.5 PRC | 143 gr. ELD-X® | (9.3 g) 83621 | 623 | 902 | 877 | 853 | 828 | 803 | 790 | 756 | 3772 | 3564 | 3364 | 3173 | 2991 | 2816 | 2649 | -5.0 | -0.9 | 0 | -2.5 | -8.5 | -18.4 | -32.3 | 195 |
| SF 6.5 PRC | 147 gr. ELD® Match | (9.5 g) 83620 | 697 | 892 | 869 | 847 | 825 | 803 | 781 | 760 | 3264 | 3208 | 3153 | 3099 | 3045 | 2992 | 2940 | -5.0 | -0.9 | 0 | -2.6 | -8.7 | -18.9 | -33.0 | 194 |
| G 6.8mm SPC | 120 gr. CX® | (7.8 g) 83474 | 262 | 777 | 723 | 670 | 619 | 570 | 524 | 479 | 1592 | 1379 | 1192 | 1024 | 872 | 734 | 612 | -5.0 | -1.1 | 0 | -5.3 | -17.1 | -36.4 | -66.4 | 155 |
| G 6.8mm SPC | 110 gr. V-MAX® (16° Bo) | (7.1 g) 83464 | 310 | 785 | 746 | 708 | 670 | 634 | 599 | 565 | 1516 | 1392 | 1294 | 1202 | 1134 | 1072 | 1138 | -5.0 | -0.8 | 0 | -4.6 | -14.7 | -30.6 | -53.9 | 162 |
| G 6.8mm SPC | 120 gr. SST® (16° Bo) | (7.8 g) 83467 | 410 | 792 | 754 | 717 | 680 | 646 | 611 | 582 | 1611 | 1480 | 1391 | 1305 | 1218 | 1124 | 1044 | -5.0 | -0.8 | 0 | -5.2 | -16.3 | -33.9 | -58.8 | 159 |
| G 270 Win | 130 gr. CX® | (8.4 g) 83294 | 403 | 915 | 875 | 837 | 799 | 763 | 727 | 692 | 2423 | 2297 | 2179 | 2061 | 1949 | 1842 | 1739 | -5.0 | -0.9 | 0 | -2.6 | -8.7 | -19.1 | -35.0 | 191 |
| G 270 Win | 130 gr. CX® | (8.4 g) 83296 | 403 | 915 | 875 | 837 | 799 | 763 | 727 | 692 | 2423 | 2297 | 2179 | 2061 | 1949 | 1842 | 1739 | -5.0 | -0.9 | 0 | -2.6 | -8.7 | -19.1 | -35.0 | 191 |
| SF 270 Win | 130 gr. ECX® | (8.4 g) 83295 | 403 | 915 | 875 | 837 | 799 | 763 | 727 | 692 | 2423 | 2297 | 2179 | 2061 | 1949 | 1842 | 1739 | -5.0 | -0.9 | 0 | -2.6 | -8.7 | -19.1 | -35.0 | 191 |
| SF 270 Win | 130 gr. InterLock® SP | (8.4 g) 83540 | 463 | 975 | 940 | 905 | 871 | 837 | 804 | 772 | 4007 | 3730 | 3469 | 3192 | 2950 | 2722 | 2508 | -5.0 | -1.1 | 0 | -1.9 | -7.0 | -15.6 | -28.1 | 210 |
| SM 270 Win | 130 gr. SST® | (8.4 g) 83539 | 463 | 975 | 940 | 905 | 871 | 837 | 804 | 772 | 4007 | 3730 | 3469 | 3192 | 2950 | 2722 | 2508 | -5.0 | -1.1 | 0 | -1.9 | -7.0 | -15.6 | -28.1 | 210 |
| PH 270 Win | 145 gr. ELD-X® | (9.4 g) 83535 | 534 | 905 | 876 | 847 | 819 | 791 | 763 | 736 | 3150 | 3605 | 3371 | 3149 | 2937 | 2737 | 2547 | -5.0 | -0.9 | 0 | -2.5 | -8.7 | -18.8 | -33.1 | 194 |
| PH 270 Win | 145 gr. SST® | (9.4 g) 83536 | 534 | 905 | 876 | 847 | 819 | 791 | 763 | 736 | 3150 | 3605 | 3371 | 3149 | 2937 | 2737 | 2547 | -5.0 | -0.9 | 0 | -2.5 | -8.7 | -18.8 | -33.1 | 194 |
| PH 270WSM | 145 gr. ELD-X® | (9.4 g) 83538 | 534 | 945 | 915 | 885 | 856 | 828 | 799 | 772 | 4195 | 3932 | 3682 | 3444 | 3217 | 3002 | 2798 | -5.0 | -1.0 | 0 | -2.1 | -7.5 | -16.6 | -29.4 | 204 |
| PH 270WSM | 145 gr. SST® | (9.4 g) 83537 | 534 | 945 | 915 | 885 | 856 | 828 | 799 | 772 | 4195 | 3932 | 3682 | 3444 | 3217 | 3002 | 2798 | -5.0 | -1.0 | 0 | -2.1 | -7.5 | -16.6 | -29.4 | 204 |
| T 7x57mm Mauser | 150gr. ECX® | (9.7 g) 83684 | 287 | 803 | 752 | 703 | 655 | 609 | 565 | 523 | 3135 | 2750 | 2402 | 2087 | 1805 | 1552 | 1327 | -5.0 | -0.3 | 0 | -4.6 | -15.0 | -32.0 | -56.6 | 161 |
| G 7mm-08 Rem | 139 gr. InterLock® SP | (9.0 g) 83685 | 479 | 898 | 854 | 811 | 768 | 726 | 685 | 645 | 2490 | 2250 | 2038 | 1839 | 1652 | 1477 | 1314 | -5.0 | -0.5 | 0 | -3.0 | -10.7 | -22.6 | -38.6 | 182 |
| G 7mm-08 Rem | 139 gr. CX® | (9.0 g) 83534 | 429 | 887 | 851 | 815 | 779 | 744 | 710 | 677 | 2431 | 2240 | 2064 | 1901 | 1749 | 1607 | 1475 | -5.0 | -0.5 | 0 | -3.1 | -11.0 | -23.4 | -40.1 | 182 |
| SF 7mm-08 Rem | 139 gr. SST® | (9.0 g) 83533 | 429 | 887 | 851 | 815 | 779 | 744 | 710 | 677 | 2431 | 2240 | 2064 | 1901 | 1749 | 1607 | 1475 | -5.0 | -0.5 | 0 | -3.1 | -11.0 | -23.4 | -40.1 | 182 |
| W 7mm-08 Rem | 139 gr. ELD® Match | (9.0 g) 83537 | 392 | 866 | 827 | 788 | 751 | 715 | 679 | 645 | 2335 | 2077 | 2050 | 1842 | 2302 | 2302 | 2079 | 1873 | -5.0 | -0.7 | 0 | -3.4 | -12.0 | -26.9 | 187 |
| PH 280 Rem | 139 gr. ELD-X® | (9.0 g) 83538 | 392 | 866 | 827 | 788 | 751 | 715 | 679 | 645 | 2335 | 2077 | 2050 | 1842 | 2302 | 2302 | 2079 | 1873 | -5.0 | -0.7 | 0 | -3.4 | -12.0 | -26.9 | 187 |
| PH 280 Rem | 150 gr. ELD-X® | (9.7 g) 83587 | 574 | 892 | 864 | 838 | 811 | 785 | 760 | 735 | 3163 | 3011 | 2915 | 2816 | 2631 | 2452 | 2279 | -5.0 | -0.9 | 0 | -2.6 | -9.0 | -19.3 | -33.9 | 192 |
| G 280 Ackley Imp | 162 gr. ELD-X® | (10.5 g) 83585 | 635 | 881 | 854 | 827 | 801 | 775 | 749 | 724 | 3275 | 3000 | 2750 | 2520 | 2306 | 2107 | 1920 | -5.0 | -0.8 | 0 | -2.9 | -9.6 | -20.4 | -35.6 | 187 |
| SF 30-06 Springfield | 55 gr. ECX® | (3.6 g) 83579 | 287 | 1204 | 1126 | 1052 | 981 | 914 | 850 | 790 | 1768 | 1547 | 1353 | 1181 | 1028 | 890 | 768 | -5.0 | -1.1 | 0 | -1.8 | -6.4 | -15.1 | -28.7 | 229 |
| V 7mmRemMag | 139 gr. InterLock® SP | (9.0 g) 83595 | 433 | 960 | 924 | 889 | 855 | 821 | 788 | 755 | 4152 | 3848 | 3561 | 3290 | 3035 | 2796 | 2569 | -5.0 | -1.0 | 0 | -2.0 | -7.4 | -16.5 | -29.5 | 205 |
| V 7mmRemMag | 139 gr. SST® | (9.0 g) 83597 | 433 | 960 | 924 | 889 | 855 | 821 | 788 | 755 | 4152 | 3848 | 3561 | 3290 | 3035 | 2796 | 2569 | -5.0 | -1.0 | 0 | -2.0 | -7.4 | -16.5 | -29.5 | 205 |
| V 7mmRemMag | 150 gr. CX® | (9.7 g) 83596 | 487 | 914 | 869 | 824 | 781 | 738 | 696 | 655 | 3000 | 2670 | 2375 | 2109 | 1870 | 1654 | 1460 | -5.0 | -0.9 | 0 | -2.5 | -8.8 | -19.8 | -34.6 | 194 |
| V 7mmRemMag | 154 gr. InterLock® SP | (10.0 g) 83590 | 423 | 925 | 882 | 841 | 800 | 760 | 721 | 683 | 3000 | 2750 | 2520 | 2305 | 2104 | 1916 | 1740 | -5.0 | -0.9 | 0 | -2.4 | -8.5 | -19.4 | -34.0 | 193 |
| V 7mmRemMag | 154 gr. ELD® Match | (10.0 g) 83592 | 525 | 914 | 884 | 854 | 825 | 796 | 768 | 740 | 3000 | 2750 | 2520 | 2305 | 2104 | 1916 | 1740 | -5.0 | -0.9 | 0 | -2.4 | -8.5 | -19.4 | -34.0 | 193 |
| V 7mmRemMag | 162 gr. SST® | (10.5 g) 83633 | 550 | 924 | 895 | 866 | 838 | 811 | 783 | 757 | 4477 | 4201 | 3938 | 3687 | 3449 | 3222 | 3007 | -5.0 | -1.0 | 0 | -2.3 | -8.1 | -17.6 | -31.1 | 199 |
| V 7mmRemMag | 175 gr. BTHP Match | (11.3 g) 83634 | 629 | 884 | 857 | 831 | 805 | 779 | 754 | 729 | 4543 | 4253 | 3980 | 3723 | 3480 | 3250 | 3034 | -5.0 | -1.0 | 0 | -2.5 | -8.5 | -18.4 | -32.4 | 187 |
| V 7mm-08 Rem | 139 gr. CX® | (9.0 g) 83583 | 429 | 887 | 851 | 815 | 779 | 744 | 710 | 677 | 2431 | 2240 | 2064 | 1901 | 1749 | 1607 | 1475 | -5.0 | -0.5 | 0 | -3.1 | -11.0 | -23.4 | -40.1 | 182 |
| V 7mm-08 Rem | 139 gr. SST® | (9.0 g) 83582 | 429 | 887 | 851 | 815 | 779 | 744 | 710 | 677 | 2431 | 2240 | 2064 | 1901 | 1749 | 1607 | 1475 | -5.0 | -0.5 | 0 | -3.1 | -11.0 | -23.4 | -40.1 | 182 |
| V 7mm-08 Rem | 150 gr. ELD® Match | (9.7 g) 83584 | 487 | 914 | 869 | 824 | 781 | 738 | 696 | 655 | 3000 | 2670 | 2375 | 2109 | 1870 | 1654 | 1460 | -5.0 | -0.9 | 0 | -2.5 | -8.8 | -19.8 | -34.6 | 194 |
| PH 280 Rem | 139 gr. ELD-X® | (9.0 g) 83581 | 429 | 887 | 851 | 815 | 779 | 744 | 710 | 677 | 2431 | 2240 | 2064 | 1901 | 1749 | 1607 | 1475 | -5.0 | -0.5 | 0 | -3.1 | -11.0 | -23.4 | -40.1 | 182 |
| PH 280 Rem | 150 gr. ELD-X® | (9.7 g) 83583 | 487 | 914 | 869 | 824 | 781 | 738 | 696 | 655 | 3000 | 2670 | 2375 | 2109 | 1870 | 1654 | 1460 | -5.0 | -0.9 | 0 | -2.5 | -8.8 | -19.8 | -34.6 | 194 |
| G 280 Ackley Imp | 162 gr. ELD-X® | (10.5 g) 83586 | 635 | 881 | 854 | 827 | 801 | 775 | 749 | 724 | 3275 | 3000 | 2750 | 2520 | 2306 | 2107 | 1920 | -5.0 | -0.8 | 0 | -2.9 | -9.6 | -20.4 | -35.6 | 187 |
| SF 30-06 Springfield | 180 gr. SST® | (11.7 g) 83582 | 425 | 860 | 828 | 796 | 766 | 736 | 706 | 

## V-MAX®

| Caliber/Type | 17 Cal. V-MAX® | 17 Cal. V-MAX® | 20 Cal. V-MAX® | 20 Cal. V-MAX® | 5.45 Cal. V-MAX® | 22 Cal. V-MAX® | 22 Cal. V-MAX® | 22 Cal. V-MAX® | 22 Cal. V-MAX® | 22 Cal. V-MAX® | 22 Cal. V-MAX® W/C | 6mm V-MAX® | 6mm V-MAX® | 6mm V-MAX® | 6mm V-MAX® | 25 Cal. V-MAX® | 6.5mm V-MAX® | 6.8mm/270 V-MAX® W/C | 7mm V-MAX® | 30 Cal. V-MAX® |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter | 172/4.4 mm | 172/4.4 mm | 204/5.2 mm | 204/5.2 mm | 222/5.6 mm | 224/5.7 mm | 224/5.7 mm | 224/5.7 mm | 224/5.7 mm | 224/5.7 mm | 224/5.7 mm | 243/6.2 mm | 243/6.2 mm | 243/6.2 mm | 243/6.2 mm | 257/6.5 mm | 264/6.7 mm | 277/7.0 mm | 284/7.2 mm | 308/7.8 mm |
| Weight | 15 g/.971 g | 15 g/.971 g | 20 g/1.3 g | 20 g/1.3 g | 40 gr/2.6 g | 40 gr/2.6 g | 50 gr/3.2 g | 50 gr/3.2 g | 55 gr/3.6 g | 50 gr/3.2 g | 50 gr/3.2 g | 58 gr/3.8 g | 40 gr/2.6 g | 70 gr/4.5 g | 75 gr/4.9 g | 87 gr/5.6 g | 95 gr/6.2 g | 110 gr/7.1 g | 120 gr/7.8 g | 168 gr/10.9 g |
| B.C. | .185 | .230 | .210 | .270 | .286 | .309 | .200 | .242 | .260 | .255 | .285 | .250 | .280 | .330 | .400 | .290 | .365 | .370 | .365 | .290 |
| Item # | 2710 | 2715 | 22004 | 22006/22806 | 2207 | 22202 | 22241/22456 | 22261/22616 | 22265 | 22270/22716 | 22272 | 22281 | 22411 | 22405 | 22440 | 22520 | 22601 | 22701 | 22850 | 22670 |

## NTX®

| Caliber/Type | 17 Cal. NTX® | 20 Cal. NTX® | 22 Cal. NTX® |
|---|---|---|---|
| Diameter | 172/4.4 mm | 204/5.2 mm | 224/5.7 mm |
| Weight | 15 g/.971 g | 24 g/1.6 g | 35 g/2.3 g |
| B.C. | .115 | .150 | .177 |
| Item # | 17016 | 22000 | 22260 |

## MonoFlex®

| Caliber/Type | 30 Cal. MonoFlex® (30-30 Win) | 45 Cal. MonoFlex® (45-70 Govt) |
|---|---|---|
| Diameter | 308/7.8 mm | 458/11.6 mm |
| Weight | 140 gr/9.1 g | 250 gr/16.2 g |
| B.C. | .295 | .192 |
| Item # | 30110 | 45010 |

## Traditional Varmint

| Caliber/Type | 22 Cal. HORNET | 22 Cal. HP BEE | 22 Cal. SP | 22 Cal. SP | 22 Cal. SP SP® | 22 Cal. SP | 22 Cal. SP WC | 22 Cal. SP | 6mm BTHP | 30 Cal. SP | 30 Cal. SP |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter | 224/5.7 mm | 224/5.7 mm | 224/5.7 mm | 224/5.7 mm | 224/5.7 mm | 224/5.7 mm | 224/5.7 mm | 224/5.7 mm | 243/6.2 mm | 308/7.8 mm | 308/7.8 mm |
| Weight | 45 gr/2.9 g | 40 gr/2.6 g | 50 gr/3.2 g | 50 gr/3.2 g | 50 gr/3.2 g | 50 gr/3.2 g | 60 gr/3.9 g | 60 gr/3.9 g | 87 gr/5.6 g | 110 gr/7.1 g | 130 gr/8.4 g |
| B.C. | .200 | .108 | .214 | .214 | .255 | .255 | .238 | .264 | .376 | .256 | .300 |
| Item # | 2230 | 2229 | 2240 | 2245 | 2260 | 2265 | 2266 | 2270 | 2442 | 3010 | 3020 |

## FTX®



| Caliber/Type | 25 Cal. FTX® | 7mm FTX® | 30 Cal. FTX® | 30 Cal. FTX® (30-30 Win) | 30 Cal. FTX® (300 Savage) | 32 Cal. FTX® (32 Win Spl) | 338 Cal. FTX® Mark (Lapua) | 338 Cal. FTX® (250 Lapua®) | 38 Cal. FTX® (38 Rem) | 35 Cal. FTX® (35 Rem) | 44 Cal. FTX® | 44 Cal. FTX® (444 Marlin) | 45 Cal. FTX® (460 S&W Mag) | 45 Cal. FTX® (45 LC) | 45 Cal. FTX® (450 Bushmaster) | 45 Cal. FTX® (45-70 GOVT) | 50 Cal. FTX® (500 S&W Mag) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter | 257/6.5 mm | 284/7.2 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 321/8.2 mm | 338/8.6 mm | 355/9.0 mm | 357/9.1 mm | 358/9.1 mm | 430/10.9 mm | 430/10.9 mm | 452/11.5 mm | 452/11.5 mm | 452/11.5 mm | 458/11.6 mm | 510/12.7 mm |
| Weight | 110 gr/7.1 g | 139 gr/7.8 g | 168 gr/10.9 g | 150 gr/9.7 g | 180 gr/11.7 g | 130 gr/8.4 g | 140 gr/9.1 g | 250 gr/16.2 g | 140 gr/9.1 g | 200 gr/13.0 g | 225 gr/14.6 g | 200 gr/13.0 g | 200 gr/13.0 g | 225 gr/14.6 g | 250 gr/16.2 g | 300 gr/19.4 g | 350 gr/22.7 g |
| B.C. | .240 | .320 | .274 | .330 | .395 | .310 | .430 | .250 | .340 | .300 | .190 | .265 | .145 | .140 | .250 | .300 | .285 |
| Item # | 2542 | 2812 | 3027 | 30395 | 30396 | 32005 | 33104 | 3532 | 35745 | 35935 | 44435 | 4305 | 45215 | 45218 | 45201 | 45015 | 50102 |

## Sub-X®

| Caliber/Type | 30 Cal. Sub-X® (30-30 Win) | 30 Cal. Sub-X® (300 Blackout) | 7.62x39mm Sub-X® | 35 Cal. Sub-X® (200 Legend) | 45 Cal. Sub-X® (450 Bushmaster) | 45 Cal. Sub-X® (45-70 GOVT) |
|---|---|---|---|---|---|---|
| Diameter | 308/7.8 mm | 308/7.8 mm | 310/7.9 mm | 357/9.1 mm | 452/11.5 mm | 458/11.6 mm |
| Weight | 125 gr/8.1 g | 190 gr/12.3 g | 235 gr/15.2 g | 250 gr/16.2 g | 395 gr/25.6 g | 410 gr/26.6 g |
| B.C. | .170 | .420 | .360 | .360 | .300 | .280 |
| Item # | 30718 | 30730 | 3148 | 3503 | 45031 | 45052 |

## CX®

| Caliber/Type | 22 Cal. CX® | 22 Cal. CX® | 6mm CX® | 6mm CX® | 25 Cal. CX® | 6.5mm CX® | 6.5mm CX® | 6.5mm CX® | 6.8mm/270 Cal. CX® | 7mm CX® | 7mm CX® | 7mm CX® | 30 Cal. CX® | 30 Cal. CX® | 30 Cal. CX® | 30 Cal. CX® | 30 Cal. CX® | 30 Cal. CX® | 338 Cal. CX® | 338 Cal. CX® | 375 Cal. CX® |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter | 224/5.7 mm | 224/5.7 mm | 243/6.2 mm | 243/6.2 mm | 257/6.5 mm | 264/6.7 mm | 264/6.7 mm | 264/6.7 mm | 277/7.0 mm | 284/7.2 mm | 284/7.2 mm | 284/7.2 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 338/8.6 mm | 338/8.6 mm | 375/9.5 mm |
| Weight | 50 gr/3.2 g | 70 gr/4.5 g | 80 gr/5.2 g | 90 gr/5.8 g | 90 gr/5.8 g | 120 gr/7.8 g | 130 gr/8.4 g | 140 gr/9.1 g | 139 gr/9.0 g | 150 gr/9.7 g | 150 gr/9.7 g | 162 gr/10.5 g | 150 gr/9.7 g | 165 gr/10.7 g | 178 gr/11.5 g | 185 gr/12.0 g | 220 gr/14.2 g | 250 gr/16.2 g |
| G1 B.C. | .164 | .275 | .418 | .465 | .505 | .496 | .505 | .536 | .485 | .496 | .505 | .536 | .447 | .490 | .523 | .537 | .640 | .655 |
| G7 B.C. | — | — | .210 | .246 | .179 | .215 | .246 | — | .203 | .216 | .229 | .300 | — | .210 | .221 | .236 | .289 | .305 |
| Item # | 22402 | NEW — 22412 | 24304 | 24444 | 25404 | NEW — 26104 | 26178 | 27904 | 27304 | 28204 | 28284 | 2837 | 30914 | 30354 | 30404 | 30904 | 30718 | 33204 |

## ELD-X®

| Caliber/Type | 22 Cal. ELD-X® | 6mm ELD-X® | 25 Cal. ELD-X® | 6.5mm ELD-X® | 270 Cal. ELD-X® | 7mm ELD-X® | 7mm ELD-X® | 30 Cal. ELD-X® | 30 Cal. ELD-X® | 30 Cal. ELD-X® | 30 Cal. ELD-X® | 338 Cal. ELD-X® | 338 Cal. ELD-X® |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter | 224/5.7 mm | 243/6.2 mm | 257/6.5 mm | 264/6.7 mm | 277/7.0 mm | 284/7.2 mm | 284/7.2 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 338/8.6 mm | 338/8.6 mm |
| Weight | 35 gr/2.3 g | 95 gr/6.2 g | 120 gr/7.8 g | 115 gr/7.5 g | 130 gr/8.4 g | 145 gr/9.4 g | 150 gr/9.7 g | 145 gr/9.4 g | 150 gr/9.7 g | 168 gr/10.9 g | 178 gr/11.5 g | 200 gr/13.0 g | 232 gr/15.0 g |
| G1 B.C. | .243 | .536 | .636 | .625 | .650 | .675 | .697 | .625 | .675 | .697 | .730 | .740 | .800 |
| G7 B.C. | .120 | .275 | .315 | .305 | .315 | .340 | .360 | .315 | .340 | .360 | .380 | .375 | .405 |
| Item # | 2233 | 2441 | 2450 | 2548 | 2635 | 2735 | 2826 | 2840 | 2841 | 3074 | 3076 | 3077 | 3078 |

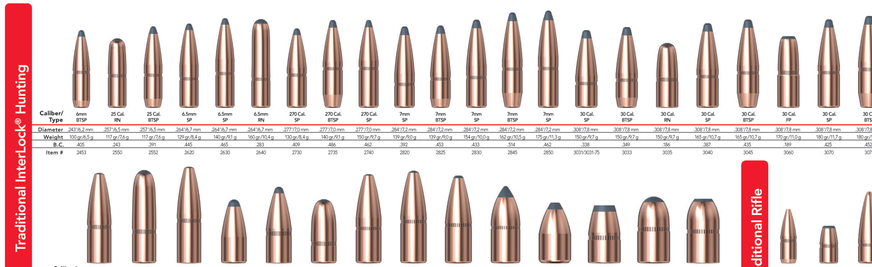
## SST®

| Caliber/Type | 6mm SST® | 25 Cal. SST® | 6.5mm SST® | 6.5mm SST® | 6.5mm SST® | 6.8mm/270 Cal. SST® | 270 Cal. SST® | 270 Cal. SST® | 270 Cal. SST® | 7mm SST® | 7mm SST® | 7mm SST® | 30 Cal. SST® | 30 Cal. SST® | 30 Cal. SST® | 30 Cal. SST® | 30 Cal. SST® | 7.62 x 39mm SST® | 8mm SST® | 338 Cal. SST® | 338 Cal. SST® |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter | 243/6.2 mm | 257/6.5 mm | 264/6.7 mm | 264/6.7 mm | 264/6.7 mm | 277/7.0 mm | 277/7.0 mm | 277/7.0 mm | 277/7.0 mm | 284/7.2 mm | 284/7.2 mm | 284/7.2 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 320/8.2 mm | 338/8.6 mm | 338/8.6 mm |
| Weight | 95 gr/6.2 g | 117 gr/7.6 g | 129 gr/8.3 g | 140 gr/9.1 g | 140 gr/9.1 g | 139 gr/9.0 g | 150 gr/9.7 g | 150 gr/9.7 g | 150 gr/9.7 g | 139 gr/9.0 g | 154 gr/10.0 g | 162 gr/10.5 g | 150 gr/9.7 g | 165 gr/10.7 g | 178 gr/11.5 g | 180 gr/11.7 g | 180 gr/11.7 g | 122 gr/8.0 g | 180 gr/11.7 g | 200 gr/13.0 g | 225 gr/14.6 g |
| B.C. | .315 | .390 | .510 | .485 | .520 | .400 | .460 | .495 | .525 | .486 | .525 | .550 | .305 | .415 | .370 | .447 | .480 | .295 | .445 | .495 | .515 |
| Item # | 24532 | 25522 | 26173 | 26202 | 26302 | 2714 | 27302 | 27352 | 27402 | 28202 | 28302 | 28452 | 3019 | 30302 | 30303 | 30402 | 30702 | 3142 | 3233 | 33202 | 33502 |

## ECX®

| Caliber/Type | 22 Cal. ECX® | 6.5mm ECX® | 7mm ECX® | 30 Cal. ECX® | 30 Cal. ECX® | 30 Cal. ECX® | 8mm ECX® | 9.3mm ECX® |
|---|---|---|---|---|---|---|---|---|
| Diameter | 224/5.7 mm | 264/6.7 mm | 284/7.2 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 323/8.2 mm | 366/9.3 mm |
| Weight | 50 gr/3.2 g | 140 gr/9.1 g | 139 gr/9.0 g | 150 gr/9.7 g | 150 gr/9.7 g | 180 gr/11.7 g | 200 gr/13.0 g | 250 gr/16.2 g |
| B.C. | .164 | .301 | .387 | .381 | .372 | .361 | .362 | .362 |
| Item # | 224034 | 263244 | 28274 | 307944 | 30372 | 304714 | 32214 | 35614 |

## Traditional InterLock® Hunting



| Caliber/Type | 6mm BTSP | 25 Cal. BTSP | 25 Cal. BTSP | 6.5mm SP | 6.5mm SP | 6.5mm BTSP | 270 Cal. SP | 270 Cal. SP | 270 Cal. SP | 7mm SP | 7mm SP | 7mm SP | 7mm BTSP | 7mm BTSP | 7mm BTSP | 30 Cal. SP | 30 Cal. SP | 30 Cal. SP | 30 Cal. SP | 30 Cal. BTSP | 30 Cal. BTSP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter | 243/6.2 mm | 257/6.5 mm | 257/6.5 mm | 264/6.7 mm | 264/6.7 mm | 264/6.7 mm | 277/7.0 mm | 277/7.0 mm | 277/7.0 mm | 284/7.2 mm | 284/7.2 mm | 284/7.2 mm | 284/7.2 mm | 284/7.2 mm | 284/7.2 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm |
| Weight | 100 gr/6.5 g | 117 gr/7.6 g | 117 gr/7.6 g | 129 gr/8.4 g | 140 gr/9.1 g | 140 gr/9.1 g | 130 gr/8.4 g | 140 gr/9.1 g | 150 gr/9.7 g | 139 gr/9.0 g | 150 gr/9.7 g | 154 gr/10.0 g | 162 gr/10.5 g | 175 gr/11.3 g | 175 gr/11.3 g | 150 gr/9.7 g | 150 gr/9.7 g | 165 gr/10.7 g | 180 gr/11.7 g | 150 gr/9.7 g | 165 gr/10.7 g |
| B.C. | .405 | .243 | .391 | .445 | .465 | .283 | .439 | .496 | .462 | .392 | .493 | .433 | .514 | .462 | .338 | .349 | .386 | .387 | .435 | .386 | .493 |
| Item # | 24531 | 2550 | 2552 | 2620 | 2630 | 2640 | 2730 | 2735 | 2740 | 2820 | 2825 | 2830 | 2845 | 2850 | 3031/3031-75 | 3033 | 3035 | 3040 | 3045 | 3060 | 3070 |

## Traditional Rifle



| Caliber/Type | 22 Cal. HP | 25 Cal. HP | 30 Cal. HP |
|---|---|---|---|
| Diameter | 224/5.7 mm | 257/6.5 mm | 308/7.8 mm |
| Weight | 55 gr/3.6 g | 60 gr/3.9 g | 125 gr/8.1 g |
| B.C. | .254 | .101 | .320 |
| Item # | 22638 | 2510 | 30192 |

## Full Metal Jacket

| Caliber/Type | 22 Cal. FMJ BT W/C | 22 Cal. FMJ | 30 Cal. FMJ/JRN | 30 Cal. FMJ | 30 Cal. FMJ BT | 303 Cal. FMJ BT |
|---|---|---|---|---|---|---|
| Diameter | 224/5.7 mm | 224/5.7 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 311/7.9 mm |
| Weight | 55 gr/3.6 g | 55 gr/3.6 g | 150 gr/9.7 g | 150 gr/9.7 g | 150 gr/9.7 g | 174 gr/11.3 g |
| B.C. | .243 | .229 | .178 | .178 | .250 | .398 |
| Item # | 22612/22612T/22612B | 22608 | 30135/30136 | 30194 | 30135T/30135B | 3131 |

## Dangerous Game™

| Caliber/Type | 9.3mm DGS® | 375 Cal. DGS® | 375 Cal. DGX® Bonded | 400 Cal. DGS® | 400 Cal. DGX® Bonded | 416 Cal. DGS® | 416 Cal. DGX® Bonded | 423 Cal. DGS® | 423 Cal. DGX® Bonded | 45 Cal. DGX® #80 Nitro Express 3½" | 45 Cal. DGX® #80 (450 Nitro Express 3½") | 45 Cal. DGS® | 45 Cal. DGX® Bonded | 470 Cal. DGS® | 470 Cal. DGX® Bonded | 50 Cal. DGX® (500 Gibbs) | 50 Cal. DGX® (500 Gibbs) | 50 Cal. DGS® | 50 Cal. DGX® Bonded |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter | 366/9.3 mm | 379/9.5 mm | 379/9.5 mm | 410/10.4 mm | 410/10.4 mm | 416/10.6 mm | 416/10.6 mm | 423/10.7 mm | 423/10.7 mm | 458/11.6 mm | 458/11.6 mm | 458/11.6 mm | 458/11.6 mm | 476/12.1 mm | 476/12.1 mm | 500/12.7 mm | 500/12.7 mm | 500/12.7 mm | 500/12.7 mm |
| Weight | 300 gr/19.4 g | 300 gr/19.4 g | 300 gr/19.4 g | 400 gr/26.0 g | 400 gr/26.0 g | 400 gr/26.0 g | 400 gr/26.0 g | 400 gr/26.0 g | 400 gr/26.0 g | 480 gr/31.1 g | 480 gr/31.1 g | 500 gr/32.4 g | 500 gr/32.4 g | 500 gr/32.4 g | 500 gr/32.4 g | 525 gr/34.0 g | 525 gr/34.0 g | 570 gr/37.0 g | 570 gr/37.0 g |
| B.C. | .280 | .275 | .275 | .305 | .305 | .316 | .316 | .319 | .319 | .215 | .215 | .185 | .285 | .285 | .295 | .295 | .290 | .270 | .270 |
| Item # | 3565 | 3727 | 37214 | 4153 | 41044 | 4167 | 41694 | 4240 | 42464 | 45033 | 45034 | 4507 | 45054 | 4748 | 47474 | 5051 | 5050 | 5155 | 51504 |

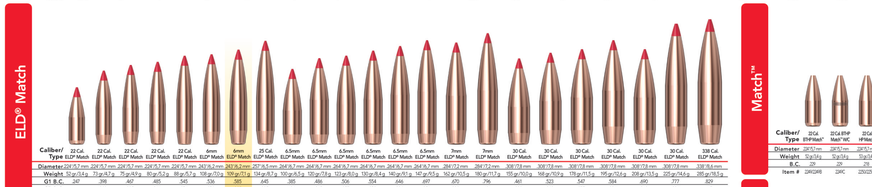
## ELD-VT®

| Caliber/Type | 22 Cal. ELD-VT® | 6mm ELD-VT® | 6.5mm ELD-VT® | 30 Cal. ELD-VT® |
|---|---|---|---|---|
| Diameter | 224/5.7 mm | 243/6.2 mm | 264/6.7 mm | 308/7.8 mm |
| Weight | 40 gr/2.6 g | 80 gr/5.2 g | 100 gr/6.5 g | 178 gr/11.5 g |
| G1 B.C. | .305 | .450 | .565 | .573 |
| G7 B.C. | .149 | .206 | .226 | .289 |
| Item # | 22762 | 24372 | 26103 | 30620 |

## A-MAX®

| Caliber/Type | 30 Cal. A-MAX® | 50 Cal. A-MAX® |
|---|---|---|
| Diameter | 308/7.8 mm | 510/13.0 mm |
| Weight | 168 gr/10.9 g | 750 gr/48.6 g |
| B.C. | .475 | 1.050 |
| Item # | 30500/30500S | 5165 |

## ELD® Match

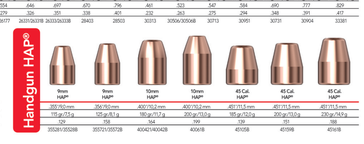


| Caliber/Type | 22 Cal. ELD® Match | 22 Cal. ELD® Match | 22 Cal. ELD® Match | 22 Cal. ELD® Match | 6mm ELD® Match | 6mm ELD® Match | 25 Cal. ELD® Match | 6.5mm ELD® Match | 6.5mm ELD® Match | 6.5mm ELD® Match | 6.5mm ELD® Match | 6.5mm ELD® Match | 6.5mm ELD® Match | 7mm ELD® Match | 7mm ELD® Match | 30 Cal. ELD® Match | 30 Cal. ELD® Match | 30 Cal. ELD® Match | 30 Cal. ELD® Match | 30 Cal. ELD® Match | 338 Cal. ELD® Match |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter | 224/5.7 mm | 224/5.7 mm | 224/5.7 mm | 224/5.7 mm | 243/6.2 mm | 243/6.2 mm | 257/6.5 mm | 264/6.7 mm | 264/6.7 mm | 264/6.7 mm | 264/6.7 mm | 264/6.7 mm | 264/6.7 mm | 284/7.2 mm | 284/7.2 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 338/8.6 mm |
| Weight | 70 gr/4.5 g | 75 gr/4.9 g | 75 gr/4.9 g | 80 gr/5.2 g | 88 gr/5.7 g | 108 gr/7.0 g | 120 gr/7.8 g | 120 gr/7.8 g | 130 gr/8.4 g | 140 gr/9.1 g | 140 gr/9.1 g | 140 gr/9.1 g | 140 gr/9.1 g | 139 gr/9.0 g | 154 gr/10.0 g | 150 gr/9.7 g | 168 gr/10.9 g | 175 gr/11.3 g | 178 gr/11.5 g | 185 gr/12.0 g | 220 gr/14.2 g |
| G1 B.C. | .247 | .398 | .467 | .485 | .545 | .536 | .585 | .645 | .385 | .486 | .506 | .554 | .646 | .697 | .670 | .796 | .461 | .523 | .547 | .584 | .690 |
| G7 B.C. | — | .200 | .235 | .244 | .274 | .270 | .295 | .325 | .194 | .245 | .255 | .279 | .326 | — | — | .401 | .232 | .263 | .275 | .294 | .348 |
| Item # | 22491 | 22774 | 22791/22791B | 22831 | 23804/23804B | 24561/24561B | 25004 NEW | 2561 | 26100 | 26175 | 26176 | 26177 | 26319/26319B | 28313/28313B | 28463 | 28503 | 30313 | 30506/30506B | 30713 | 30951 | 30731 |

## Handgun FMJ

| Caliber/Type | 9mm FMJ/JRN | 9mm FMJ/JRN | 9mm FMJ/JRN | 9mm FMJ/JRN-BT | 9mm FMJ/JHP | 45 Cal. FMJ/JRN |
|---|---|---|---|---|---|---|
| Diameter | 355/9.0 mm | 355/9.0 mm | 355/9.0 mm | 355/9.0 mm | 400/10.2 mm | 457/11.5 mm |
| Weight | 100 gr/6.5 g | 115 gr/7.5 g | 124 gr/8.0 g | 147 gr/9.5 g | 187 gr/12.1 g | 230 gr/14.9 g |
| B.C. | .115 | .140 | .145 | .270 | .164 | .184 |
| Item # | 35527B | 35557/35557T | 35571/35571B | 35597B | 40404/40404T/40404B | 45174/45174T/45174B |

## Handgun HAP®

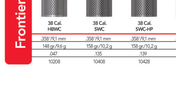


| Caliber/Type | 9mm HAP® | 9mm HAP® | 10mm HAP® | 10mm HAP® | 45 Cal. HAP® | 45 Cal. HAP® |
|---|---|---|---|---|---|---|
| Diameter | 355/9.0 mm | 356/9.0 mm | 400/10.2 mm | 400/10.2 mm | 457/11.5 mm | 457/11.5 mm |
| Weight | 115 gr/7.5 g | 125 gr/8.1 g | 180 gr/11.7 g | 200 gr/13.0 g | 185 gr/12.0 g | 200 gr/13.0 g |
| B.C. | .170 | .158 | .164 | .199 | .139 | .181 |
| Item # | 35528/35528B | 35571/35572B | 40402/40402B | 40618 | 45105B | 45159B |

## Handgun XTP®

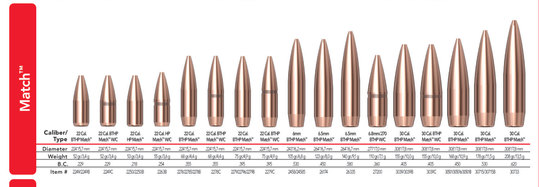
| Caliber/Type | 30 Cal. XTP® | 32 Cal. XTP® | 32 Cal. XTP® | 9mm XTP® | 9mm XTP® | 9mm XTP® | 38 Cal. XTP® | 38 Cal. XTP® | 38 Cal. FP-XTP® | 38 Cal. XTP® | 38 Cal. XTP® | 38 Cal. FP-XTP® | 38 Cal. XTP® | 38 Cal. XTP® | 10mm XTP® | 10mm XTP® |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter | 308/7.8 mm | 312/7.9 mm | 312/7.9 mm | 355/9.0 mm | 355/9.0 mm | 355/9.0 mm | 357/9.1 mm | 357/9.1 mm | 357/9.1 mm | 357/9.1 mm | 357/9.1 mm | 357/9.1 mm | 357/9.1 mm | 357/9.1 mm | 400/10.2 mm | 400/10.2 mm |
| Weight | 90 gr/5.8 g | 85 gr/5.5 g | 100 gr/6.5 g | 90 gr/5.8 g | 115 gr/7.5 g | 124 gr/8.0 g | 125 gr/8.1 g | 125 gr/8.1 g | 125 gr/8.1 g | 140 gr/9.1 g | 158 gr/10.2 g | 158 gr/10.2 g | 180 gr/11.7 g | 125 gr/8.1 g | 180 gr/11.7 g | 200 gr/13.0 g |
| B.C. | .115 | .140 | .170 | .099 | .139 | .145 | .112 | .133 | .151 | .148 | .139 | .156 | .199 | .230 | .137 | .194 |
| Item # | 31000 | 32050 | 32070 | 35500 | 35540 | 35571 | 35580 | 35700 | 35710 | 35730 | 35740 | 35750 | 35780 | 35771 | 40000 | 40040 |

## Frontier® Lead



| Caliber/Type | 38 Cal. HBWC | 38 Cal. SWC | 38 Cal. SWC-HP | 38 Cal. LRN | 45 Cal. FP COWBOY™ |
|---|---|---|---|---|---|
| Diameter | 358/9.1 mm | 358/9.1 mm | 358/9.1 mm | 358/9.1 mm | 454/11.5 mm |
| Weight | 148 gr/9.6 g | 158 gr/10.2 g | 158 gr/10.2 g | 158 gr/10.2 g | 255 gr/16.5 g |
| B.C. | .097 | .135 | .139 | .159 | .117 |
| Item # | 10208 | 10408 | 10428 | 10508 | 12458 |

## Match™



| Caliber/Type | 22 Cal. BTHP Match® WC | 22 Cal. BTHP Match® WC | 22 Cal. HPMatch® WC | 22 Cal. HP Match® WC | 22 Cal. BTHP Match® WC | 22 Cal. BTHP Match® WC | 6mm BTHP Match® WC | 6.5mm BTHP Match® WC | 6.5mm BTHP Match® WC | 7mm BTHP Match® WC | 7mm BTHP Match® WC | 30 Cal. BTHP Match® WC | 30 Cal. BTHP Match® WC | 30 Cal. BTHP Match® WC | 30 Cal. BTHP Match® WC | 30 Cal. BTHP Match® WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter | 224/5.7 mm | 224/5.7 mm | 224/5.7 mm | 224/5.7 mm | 224/5.7 mm | 224/5.7 mm | 243/6.2 mm | 264/6.7 mm | 264/6.7 mm | 284/7.2 mm | 284/7.2 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm |
| Weight | 70 gr/4.5 g | 75 gr/4.9 g | 75 gr/4.9 g | 80 gr/5.2 g | 88 gr/5.7 g | 108 gr/7.0 g | 95 gr/6.2 g | 108 gr/7.0 g | 130 gr/8.4 g | 140 gr/9.1 g | 150 gr/9.7 g | 150 gr/9.7 g | 168 gr/10.9 g | 175 gr/11.3 g | 178 gr/11.5 g | 185 gr/12.0 g |
| G1 B.C. | .164 | .275 | .418 | .465 | .505 | .536 | .485 | .505 | .536 | .485 | .496 | .505 | .536 | .447 | .490 | .523 |
| G7 B.C. | — | .200 | .210 | .246 | .179 | .215 | .246 | — | .203 | .216 | .229 | .300 | — | .210 | .221 | .236 |
| Item # | 22492 | 22494 | 22494B | 22631 | 23804/23804B | 24561/24561B | 26100 | 26175 | 26176 | 26177 | 26319/26319B | 28313/28313B | 28463 | 28503 | 30313 | 30506/30506B |

## A-Tip® Match

| Caliber/Type | 22 Cal. A-Tip® Match | 22 Cal. A-Tip® Match | 6mm A-Tip® Match | 25 Cal. A-Tip® Match | 6.5mm A-Tip® Match | 6.5mm A-Tip® Match | 7mm A-Tip® Match | 7mm A-Tip® Match | 30 Cal. A-Tip® Match | 30 Cal. A-Tip® Match | 30 Cal. A-Tip® Match | 338 Cal. A-Tip® Match | 375 Cal. A-Tip® Match | 416 Cal. A-Tip® Match |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter | 224/5.7 mm | 224/5.7 mm | 243/6.2 mm | 257/6.5 mm | 264/6.7 mm | 264/6.7 mm | 284/7.2 mm | 284/7.2 mm | 308/7.8 mm | 308/7.8 mm | 308/7.8 mm | 338/8.6 mm | 375/9.5 mm | 416/10.6 mm |
| Weight | 70 gr/4.5 g | 90 gr/5.8 g | 90 gr/5.8 g | 115 gr/7.5 g | 130 gr/8.4 g | 140 gr/9.1 g | 139 gr/9.0 g | 150 gr/9.7 g | 150 gr/9.7 g | 168 gr/10.9 g | 178 gr/11.5 g | 200 gr/13.0 g | 250 gr/16.2 g | 300 gr/19.4 g |
| G1 B.C. | .403 | .585 | .604 | .695 | .637 | .754 | .664 | .838 | .544 | .623 | .678 | .663 | .987 | .976 |
| G7 B.C. | .208 | .295 | .304 | .360 | .301 | .395 | .332 | .420 | .284 | .414 | .440 | .435 | .497 | .490 |
| Item # | 22591 NEW | 2286 | 24531 | 25591 NEW | 26179 | 2638 | 2836 | 28506 | 30717 | 3091 | 3092 | 33389 | 3729 | 41697 |

*All bullet illustrations are shown at actual size.

### Bullet Legend

| | | | |
|---|---|---|---|
| BT | Boattail | IB | InterBond® |
| CX® | Copper alloy eXpanding | C/T | Combat Target |
| DGS® | Dangerous Game™ Solid | LRN | Lead Round Nose |
| DGX® | Dangerous Game™ eXpanding | NTX® | Non-Traditional eXpanding® |
| ECX® | Copper alloy eXpanding | RN | Round Nose |
| ELD-X® | Extremely Low Drag™ eXpanding | SP | Spire Point |
| ELD-M® | Extremely Low Drag™ Match | SP-RP | Spire Point Recoil Proof |
| FMJ | Full Metal Jacket | SUB-X® | Subsonic eXpanding |
| FP | Flat Point | SST® | Super Shock Tip™ |
| FTX® | Flex Tip® eXpanding | SWC | Semi Wadcutter |
| HAP® | Hornady Action Pistol™ | V-MAX® | Varmint Max |
| HBWC | Hollow Base Wadcutter | w/c | With Cannelure |
| HP | Hollow Point | XTP® | eXtreme Terminal Performance™ |

## RIMFIRE

### 17 MACH 2

| DESCRIPTION | ITEM # |
|---|---|
| 17 gr V-MAX® (1.1 g) | 82017 |

### 17 HMR

| DESCRIPTION | ITEM # |
|---|---|
| 15 gr NTX® (1.0 g) | 83171 |
| 20 gr V-MAX® (1.3 g) | 83701 |

### 22 WMR

| DESCRIPTION | ITEM # |
|---|---|
| 30 gr V-MAX® (1.9 g) | 83000 |

### 17 HORNET

| DESCRIPTION | ITEM # |
|---|---|
| 20 gr V-MAX® (1.3 g) | 83000 |

### 4.6 X 30MM

| DESCRIPTION | ITEM # |
|---|---|
| 30 gr V-MAX® (1.9 g) | 80461 |

### 204 RUGER

| DESCRIPTION | ITEM # |
|---|---|
| 32 gr NTX® (2.1 g) | 83004 |
| 40 gr V-MAX® (2.6 g) | 83004 |

### 22 LR

| DESCRIPTION | ITEM # |
|---|---|
| 40 gr LRN (2.6 g) | 83211 |

### 22 HORNET