

# HORNADY® PRODUCT LINES

**V** Varmint Express®

**LE** LEVERevolution®

**C** Custom™

**SF** Superformance™

**T** TAP® FPD™

**M** Match™

**DG** Dangerous Game™ Series

Ammo Description					Velocity (m/sec) / Energy (joules)							Trajectory Tables (cm)					
CARTRIDGE	BULLET	WEIGHT (Grams)	ITEM #	HITS #	MUZZLE	100 m	200 m	300 m	400 m	500 m	MUZZLE	100 m	200 m	300 m	400 m	500 m	
V	17 Mach 2	15.5 gr. NTX	0.99	83176	20	625/175	426/82	313/44	264/31	/	/	-4	0	-16	-203		
V	17 Mach 2	17 gr. V-MAX	1.10	83177	21	640/209	453/104	332/56	277/39	/	/	-4	0	-46	-180		
V	17 HMR	15.5 gr. NTX	0.99	83171	31	770/266	540/130	371/61	291/38	/	/	-4	0	-32	-136		
V	17 HMR	17 gr. V-MAX	1.10	83170	26	777/308	563/161	396/80	306/48	/	/	-4	0	-28	-120		
V	17 HMR	20 gr. XTP	1.30	83172	34	724/314	545/178	402/97	318/60	/	/	-4	0	-30	-122		
V	204 Ruger	30 gr. NTX	1.94	83209	131	1288/1490	1084/1056	908/741	754/510	615/340	494/219	-4	2	0	-14	-46	-104
V	204 Ruger	32 gr. V-MAX (26"Bbl)	2.07	83204	129	1288/1590	1096/1151	929/827	781/585	648/403	530/269	-4	2	0	-14	-44	-97
V	204 Ruger	40 gr. V-MAX (26"Bbl)	2.59	83206	191	1189/1693	1050/1321	925/1026	811/788	706/597	609/445	-4	3	0	-14	-43	-92
V	204 Ruger	45 gr. SP (26"Bbl)	2.92	83208	222	1105/1646	960/1241	829/927	710/680	602/488	504/343	-4	3	0	-18	-55	-120
V	5.45 x 39MM	60 gr. V-MAX	3.89	8124	PENDING R&D	/	/	/	/	/	/	/	/	/	/	/	
V	22 WMR	30 gr. V-MAX	1.94	83202	36	671/404	541/263	431/167	351/134	/	/	-4	0	-30	-114		
V	22 Hornet	35 gr. V-MAX	2.27	8302	79	936/918	663/461	446/209	318/106	265/74	230/56	-4	10	0	-61	-218	-515
V	222 Rem	40 gr. V-MAX	2.59	8310	140	1097/1443	923/1020	768/707	631/476	509/310	408/200	-4	4	0	-21	-67	-151
V	223 Rem	40 gr. V-MAX	2.59	8325	148	1158/1608	975/1140	815/769	672/542	546/357	437/229	-4	3	0	-18	-58	-132
V	223 Rem	45 gr. NTX	2.92	83266	PENDING R&D	/	/	/	/	/	/	/	/	/	/	/	
V	223 Rem	55 gr. V-MAX	3.56	8327	246	988/1607	859/1217	742/908	635/665	538/477	452/337	-4	5	0	-23	-70	-151
M	223 Rem	53 gr. HP W/C	3.43	8023	230	1015/1636	863/1183	727/839	604/580	495/389	369/260	-4	5	0	-23	-74	-165
V	223 Rem	55 gr. V-MAX w/Moly	3.56	83273	246	988/1607	859/1217	742/908	635/665	538/477	452/337	-4	5	0	-23	-70	-151
T	223 Rem	55 gr. TAP-FPD	3.56	83278	246	988/1607	859/1217	742/908	635/665	538/477	452/337	-4	5	0	-23	-70	-151
T	223 Rem	60 gr. TAP-FPD	3.89	83288	283	949/1620	868/1353	790/1123	718/925	649/756	584/613	-4	5	0	-20	-60	-123
M	223 Rem	75 gr. BTHP Match	4.86	8026	411	850/1625	774/1347	702/1108	634/904	570/731	511/568	-4	6	0	-26	-77	-158
T	223 Rem	75 gr. TAP-FPD	4.86	80268	411	850/1625	774/1347	702/1108	634/904	570/731	511/568	-4	6	0	-26	-77	-158
V	22-250 Rem	40 gr. V-MAX	2.59	8335	162	1265/1917	1064/1364	896/962	745/665	610/445	491/289	-4	2	0	-15	-47	-107
V	22-250 Rem	50 gr. V-MAX	3.24	8336	237	1158/2009	1005/1513	869/1130	745/831	632/595	530/421	-4	3	0	-16	-50	-109
V	22-250 Rem	50 gr. V-MAX w/Moly	3.24	83363	237	1158/2009	1005/1513	869/1130	745/831	632/595	530/421	-4	3	0	-16	-50	-109
V	22-250 Rem	55 gr. V-MAX	3.56	8337	281	1122/2073	980/1582	852/1197	736/893	629/653	533/436	-4	3	0	-17	-52	-112
C	22-250 Rem	60 gr. SP	3.89	8039	321	1076/2081	944/1600	823/1218	713/914	612/673	620/486	-4	4	0	-18	-56	-120
V	220 Swift	50 gr. V-MAX w/Moly	3.24	83213	240	1173/2063	1019/1554	881/1162	756/856	642/618	539/435	-4	3	0	-16	-48	-105
V	220 Swift	55 gr. V-MAX	3.59	8324	281	1122/2073	980/1584	853/1200	737/896	631/656	535/471	-4	3	0	-17	-52	-112
C	220 Swift	60 gr. HP	3.89	8122	328	1097/2164	966/1677	847/1289	738/978	637/729	545/534	-4	3	0	-17	-52	-112
V	243 Win	58 gr. V-MAX w/Moly	3.76	83423	269	1143/2270	996/1724	865/1299	745/965	636/702	537/500	-4	3	0	-16	-50	-109
C	243 Win	75 gr. HP	4.86	8040	407	1018/2329	904/1835	798/1432	101/1103	610/837	528/625	-4	4	0	-20	-59	-125
SF	243 Win	80 gr. GMX	5.18	80456	478	1044/2612	929/2069	824/1626	726/1262	635/966	551/729	-4	4	0	-18	-55	-117
SF	243 Win	95 gr. SST	6.16	80463	635	971/2682	879/2197	792/1787	711/1440	635/1149	565/907	-4	4	0	-20	-60	-124
C	243 Win	95 gr. SST InterLock	6.16	80464	587	899/2301	794/1795	697/1382	607/1048	524/782	451/579	-4	6	0	-26	-79	-119
C	243 Win	100 gr. BTSP InterLock	6.48	8046	660	902/2438	820/2015	743/1654	670/1346	602/1085	538/867	-4	5	0	-23	-68	-141
SF	6MM Rem	95 gr. SST	6.16	81663	645	935/2762	892/2265	805/1844	725/1488	646/1189	575/940	-4	4	0	-19	-58	-120
C	6MM Rem	100 gr. BTSP InterLock	6.48	8166	692	945/2675	865/2243	790/1870	719/1548	652/1272	588/1037	-4	5	0	-20	-60	-122
SF	257 Roberts +P	117 gr. SST	7.58	81353	801	898/2824	818/2344	743/1932	671/1749	604/1423	542/1028	-4	5	0	-23	-68	-140
SF	257 Roberts +P	117 Gr. BTSP InterLock	7.58	8135	755	847/2517	771/2082	698/1708	630/1389	565/1121	505/895	-4	6	0	-27	-78	-160
SF	25-06 Rem	100 gr. GMX	6.48	81446	PENDING R&D	/	/	/	/	/	/	/	/	/	/	/	
SF	25-06 Rem	117 gr. SST	7.58	81453	847	948/3149	865/3623	787/2172	714/1784	687/1454	611/1174	-4	5	0	-21	-58	-124
C	25-06 Rem	117 gr. SST InterLock	7.58	81454	813	911/2911	831/2420	755/1999	683/1637	616/1329	553/1070	-4	5	0	-22	-66	-135
C	25-06 Rem	117 gr. BTSP InterLock	7.58	8145	814	847/2517	771/2082	698/1708	630/1389	565/1121	505/895	-4	6	0	-27	-78	-160
C	6.5 x 55 Swed Maus	140 gr. SP InterLock	9.07	8147	941	770/2484	708/2104	650/1772	595/1483	542/1233	493/1020	-4	8	0	-31	-90	-182
M	6.5 Grendel	123 gr. A-MAX	7.97	8150	PENDING R&D	/	/	/	/	/	/	/	/	/	/	/	
SF	6.5 Creedmoor	120 gr. GMX	7.78	81490	PENDING R&D	930/3107	862/2669	797/2283	763/1943	676/1644	620/1383	-4	5	0	20	59	118
SF	6.5 Creedmoor	129 gr. SST	8.36	81496	939	899/3124	834/2691	773/2309	714/1970	658/1672	603/1411	-4	5	0	-22	-62	-126
M	6.5 Creedmoor	120 gr. A-MAX	7.78	81492	801	887/2828	820/2418	757/2059	696/1741	638/1465	584/1224	-4	5	0	-23	-65	-132
M	6.5 Creedmoor	140 gr. A-MAX	9.07	81494	1027	826/2861	772/2499	720/2173	670/1882	622/1623	576/1393	-4	6	0	-25	-72	-145
V	6.8 SPC	110 gr. V-MAX (16"Bbl)	7.13	8346	527	777/1991	700/1616	628/1299	594/1035	498/816	442/642	-4	8	0	-33	-98	-202
M	6.8 SPC	110 gr. BTHP (16"Bbl)	7.13	8146	526	777/1991	700/1598	696/1270	550/998	486/777	428/604	-4	8	0	-34	-100	-208
SF	270 Win	130 gr. GMX	8.42	8052	936	972/3682	901/3159	832/2699	768/2295	706/1940	647/1630	-4	4	0	-18	-53	-108
SF	270 Win	130 gr. SST	8.42	80543	939	975/3705	904/3179	835/2717	770/2311	708/1954	649/1642	-4	4	0	-18	-53	-107
C	270 Win	130 gr. SST	8.42	8054	897	933/3388	863/2900	797/2472	734/2096	673/1766	616/1479	-4	5	0	-20	-59	-119
C	270 Win	130 gr. SP InterLock	8.42	8055	889	933/3388	854/2843	781/2373	711/1967	644/1617	582/1320	-4	5	0	-21	-61	-125
SF	270 Win	140 gr. SST	9.07	80563	1057	942/3720	876/3222	814/2780	755/2389	698/2041	643/1736	-4	4	0	-19	-56	-113
C	270 Win	140 gr. BTSP InterLock	9.07	8056	1004	896/3368	832/2901	770/2489	712/2124	656/1803	602/1522	-4	5	0	-22	-63	-127
C	270 Win	150 gr. SP InterLock	9.72	8058	1106	866/3367	800/3872	737/2738	676/2056	619/1724	565/1436	-4	6	0	-26	-69	-140
SF	7 x 57 Mauser	139 gr. GMX	9.01	81556	874	835/2904	774/2493	715/2128	659/1806	605/1525	554/1170	-4	6	0	-26	-74	-149
SF	7 x 57 Mauser	139 gr. SST	9.01	81553	880	841/2947	779/2530	720/2161	664/1835	610/1551	559/1302	-4	6	0	-25	-73	-146
C	7 x 57 Mauser	139 gr. BTSP InterLock	9.01	8155	839	863/3121	795/2653	731/2243	670/1884	612/1573	558/1305	-4	6	0	-24	-70	-103
SF	7-08 Rem	139 gr. GMX	9.01	80576	929	890/3298	826/2840	765/2463	706/2078	651/1762	598/1487	-4	5	0	-22	-64	-129
SF	7-08 Rem	139 gr. SST	9.01	80573	977	902/3389	838/2921	776/2507	717/2140	661/1818	605/1535	-4	5	0	-21	-62	-125
SF	280 Rem	139 gr. GMX	9.01	81586	982	939/3670	872/3169	809/2726	749/2156	691/1831	636/1684	-4	5	0	-20	-57	-114
SF	280 Rem	139 gr. SST	9.01	81583	988	945/3718	878/3211	815/2769	754/2368	696/2017	641/1710	-4	4	0	-19	-56	-113

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Ammo Description					Velocity (m/sec) / Energy (joules)						Trajectory Tables (cm)						
CARTRIDGE	BULLET	WEIGHT (Grams)	ITEM #	HITS #	MUZZLE	100 m	200 m	300 m	400 m	500 m	MUZZLE	100 m	200 m	300 m	400 m	500 m	
C	7MM Rem Mag	139 gr. BTSP InterLock	9.01	8059	1003	960/3839	888/3283	819/2796	754/2369	692/1995	633/1669	-4	4	0	-19	-55	-112
SF	7MM Rem Mag	139 gr. GMX	9.01	80592	1021	972/3937	904/3404	840/2935	778/2520	719/2152	662/1827	-4	4	0	-18	-52	-106
SF	7MM Rem Mag	139 gr. SST	9.01	80593	1137	988/4061	919/3516	853/3032	791/2606	731/2228	674/1897	-4	4	0	-17	-50	-102
SF	7MM Rem Mag	154 gr. SST	9.98	8061	1225	945/4119	883/3597	824/3132	767/2717	713/2345	661/2016	-4	4	0	-19	-54	-109
C	7MM Rem Mag	154 gr. InterBond	9.98	80629	1200	925/3948	864/3445	806/2995	750/2595	696/2237	645/1920	-4	5	0	-20	-57	-115
C	7MM Rem Mag	154 gr. SP InterLock	9.98	8060	1183	925/3948	851/3345	782/2820	716/2362	653/1965	593/1623	-4	5	0	-21	-61	-124
C	7MM Rem Mag	154 gr. SST InterLock	9.98	8062	1199	925/3948	864/3445	806/2995	750/2595	696/2237	645/1920	-4	5	0	-20	-57	-115
SF	7MM Rem Mag	162 gr. SST	10.50	80633	1327	924/4139	863/3611	804/3140	749/2720	695/2345	644/2012	-4	5	0	-20	-57	-115
C	7MM Rem Mag	162 gr. BTSP InterLock	10.50	8063	1282	896/3897	835/3385	777/2930	721/2523	668/2163	617/1845	-4	5	0	-21	-62	-124
C	7MM Wby Mag	154 gr. InterBond	9.98	80689	1266	975/4389	942/3839	882/3347	823/2909	766/2517	712/2168	-4	4	0	-18	-51	-102
C	30-30 Win	150 gr. RN InterLock	9.72	8080	664	729/2385	586/1542	463/962	369/611	312/439	279/350	-4	13	0	-59	-191	-422
LE	30-30 Win	150 gr. GMX	9.72	82731	PENDING RFP	/	/	/	/	/	/						
LE	30-30 Win	160 gr. FTX	10.37	82730	826	732/2565	649/2016	572/1566	501/1201	438/918	385/710	-4	10	0	-40	-119	-250
C	30-30 Win	170 gr. FP InterLock	11.02	8085	782	671/2290	537/1469	425/737	345/520	300/412	271/344	-4	15	0	-70	-223	-483
LE	308 Marlin Express	160 gr. FTX	10.37	82733	933	811/3151	741/2629	674/2177	611/1789	552/1459	496/1181	-4	6	1	-22	-67	-140
T	308 Win	110 gr. TAP-FPD	7.13	80898	517	965/3067	853/2399	750/1855	655/1413	567/1060	487/783	-4	5	0	-22	-68	-144
SF	308 Win	150 gr. SST	9.72	80933	940	914/3757	838/3158	766/2640	698/2190	634/1803	573/1474	-4	5	0	-22	-64	-130
SF	308 Win	150 gr. GMX	9.72	8094	920	896/3608	821/3029	785/2528	716/2093	650/1721	588/1404	-4	5	0	-23	-67	-136
C	308 Win	150 gr. InterBond	9.72	80939	882	860/3320	786/2779	717/2311	652/1907	590/1562	531/1269	-4	6	0	-25	-73	-150
C	308 Win	150 gr. BTSP InterLock	9.72	8091	868	860/3320	733/2686	692/2151	616/1705	545/1336	480/1037	-4	6	0	-27	-80	-166
C	308 Win	150 gr. SST InterLock	9.72	8093	882	860/3350	786/2779	717/2311	652/1907	590/1562	531/1269	-4	6	0	-25	-73	-150
M	308 Win Palma	155 gr. A-MAX Match	10.04	8095PM	953	869/3504	798/2960	732/2486	668/2073	608/1717	551/1412	-4	6	0	-24	-70	-143
T	308 Win	155 gr. TAP-FPD	10.04	80928	931	849/3346	780/2822	714/2366	651/1969	592/1628	536/1336	-4	6	0	-25	-74	-151
SF	308 Win	165 gr. SST	10.69	80983	1078	866/3704	797/3142	732/2651	671/2222	612/1851	557/1531	-4	6	0	-24	-70	-142
SF	308 Win	165 gr. GMX	10.69	8099	1143	838/3473	771/2941	708/2475	647/2069	590/1719	536/1418	-4	6	0	-26	-75	-153
C	308 Win	165 gr. BTSP InterLock	10.69	8098	1021	823/3348	755/2818	690/2356	629/1956	571/1613	517/1320	-4	7	0	-27	-80	-162
M	308 Win	168 gr. BTHP Match	10.89	8097	1064	823/3408	761/2912	701/2473	644/2089	590/1754	539/1464	-4	7	0	-27	-77	-155
M	308 Win	168 gr. BTHP Match w/Moly	10.89	80973	1064	823/3408	757/2886	695/2428	635/2030	579/1686	526/1390	-4	7	0	-27	-78	-159
M	308 Win	168 gr. A-MAX Match	10.89	8096	1068	823/3408	757/2886	695/2428	635/2030	579/1686	526/1390	-4	7	0	-27	-78	-159
T	308 Win	168 gr. TAP-FPD	10.89	80968	1068	823/3408	757/2886	695/2428	635/2030	579/1686	526/1390	-4	7	0	-27	-78	-159
M	308 Win	178 gr. BTHP Match	11.53	8077	PENDING RFP	/	/	/	/	/	/						
SF	30-06 Sprg	150 gr. SST	9.72	81093	965	940/3973	863/3345	790/2801	720/2330	654/1924	592/1576	-4	5	0	-20	-60	-122
SF	30-06 Sprg	150 gr. GMX	9.72	8112	965	940/3973	863/3345	790/2801	720/2330	654/1924	592/1576	-4	5	0	-20	-60	-122
C	30-06 Sprg	150 gr. SP InterLock	9.72	8110	894	887/3535	796/2847	711/2270	631/1790	557/1395	489/1075	-4	6	0	-25	-75	-157
C	30-06 Sprg	150 gr. BTSP InterLock	9.72	8111	897	887/3535	799/2867	716/2304	638/1832	566/1440	499/1120	-4	6	0	-25	-74	-154
C	30-06 Sprg	150 gr. SST InterLock	9.72	8109	911	887/3535	812/2965	742/2473	675/2046	612/1681	552/1369	-4	6	0	-23	-68	-140
C	30-06 Sprg	150 gr. InterBond	9.72	81099	911	887/3535	812/2965	742/2473	675/2046	612/1681	552/1369	-4	6	0	-23	-68	-140
SF	30-06 Sprg	165 gr. SST	10.69	81153	1125	904/4037	833/3434	767/2907	703/2445	643/2043	586/1696	-4	5	0	-22	-64	-129
SF	30-06 Sprg	165 gr. GMX	10.69	8116	1117	898/3983	828/3386	761/2866	698/2408	638/2012	581/1669	-4	5	0	-22	-65	-131
C	30-06 Sprg	165 gr. BTSP InterLock	10.69	8115	1060	853/3600	784/3038	718/2547	655/2122	596/1755	540/1441	-4	6	0	-25	-73	-149
C	30-06 Sprg	165 gr. SST InterLock	10.69	81154	1063	853/3600	786/3052	721/2572	660/2154	602/1792	547/1480	-4	6	0	-25	-72	-147
C	30-06 Sprg	165 gr. InterBond	10.69	81159	1063	853/3600	786/3052	721/2572	660/2154	602/1792	547/1480	-4	6	0	-25	-72	-147
M	30-06 M1 Garamd	168 gr. A-MAX Match	10.89	81170	1072	826/3434	764/2935	704/2493	647/2106	593/1769	542/1477	-4	7	0	-26	-76	-154
SF	30-06 Sprg	180 gr. SST	11.66	81183	1283	861/3998	798/3430	737/2929	679/2486	624/2099	572/1762	-4	5	0	-24	-69	-140
C	30-06 Sprg	180 gr. SP InterLock	11.66	8118	1215	823/3652	758/3095	695/2605	636/2180	580/1812	527/1496	-4	7	0	-27	-78	-159
C	30-06 Sprg	180 gr. SST InterLock	11.66	81184	1227	823/3652	761/3126	702/2659	646/2250	593/1893	542/1583	-4	7	0	-26	-77	-155
SF	30 TC	150 gr. SST	9.72	81004	940	914/3757	838/3158	766/2640	698/2190	634/1803	573/1474	-4	5	0	-22	-64	-130
SF	30 TC	165 gr. SST	10.69	81014	1082	869/3391	795/2841	725/2364	659/2151	597/1770	538/1446	-4	6	0	-25	-72	-147
SF	300 RCM	150 gr. SST	9.72	82231	1036	1009/4574	927/3865	851/3252	778/2721	709/2260	644/1864	-4	4	0	-17	-51	-104
SF	300 RCM	150 gr. GMX	9.72	82230	1003	995/4450	915/3759	838/3159	767/2641	698/2191	634/1804	-4	4	0	-18	-53	-107
SF	300 RCM	165 gr. SST	10.69	82232	1195	971/4658	897/3978	827/3382	761/2862	698/2200	638/1832	-4	4	0	-19	-54	-110
SF	300 RCM	165 gr. GMX	10.69	82229	1191	954/4499	881/3838	812/3260	747/2755	684/2312	625/1928	-4	4	0	-19	-56	-114
SF	300 RCM	180 gr. SST	11.66	82235	1367	927/4630	860/3988	797/3421	736/2921	678/2479	623/2093	-4	5	0	-20	-59	-118
C	300 H&H Mag	180 gr. InterBond	11.66	8210	1306	847/3872	785/3319	724/2830	667/2400	613/2024	561/1697	-4	6	0	-25	-72	-145
SF	300 Win Mag	150 gr. GMX	9.72	82012	1028	1036/4826	953/4082	875/3440	801/2883	731/2401	665/1985	-4	4	0	-16	-48	-98
C	300 Win Mag	150 gr. SST InterLock	9.72	82014	1028	998/4478	917/3782	841/3180	769/2658	701/2206	636/1817	-4	4	0	-18	-52	-107
C	300 Win Mag	150 gr. BTSP InterLock	9.72	8201	1013	998/4478	903/3662	813/2973	730/2394	651/1906	578/1502	-4	4	0	-35	-84	-158
C	300 Win Mag	150 gr. InterBond	9.72	82019	1028	998/4478	917/3782	841/3180	769/2658	701/2206	636/1817	-4	4	0	-18	-52	-107
SF	300 Win Mag	165 gr. GMX	10.69	82026	1242	994/4880	919/4173	848/3552	780/3010	716/2535	655/1936	-4	4	0	-18	-51	-104
C	300 Win Mag	165 gr. BTSP InterLock	10.69	8202	1177	945/4413	871/3746	800/3165	733/2658	670/2218	610/1837	-4	5	0	-20	-58	-118
C	300 Win Mag	165 gr. SST InterLock	10.69	82024	1180	945/4413	873/3769	804/3194	739/2697	676/2262	618/1885	-4	5	0	-20	-58	-117
C	300 Win Mag	165 gr. InterBond	10.69	82029	1180	945/4413	873/3769	804/3194	739/2697	676/2262	618/1885	-4	5	0	-20	-58	-117
C	300 Win Mag	180 gr. SP InterLock	11.66	8200	1336	902/4389	828/3701	759/3105	692/2585	630/2138	570/1754	-4	5	0	-22	-65	-133
SF	300 Win Mag	180 gr. SST	11.66	82193	1428	954/4908	886/4234	821/3638	760/3113	701/2648	645/2241	-4	4	0	-19	-55	-111
C	300 Win Mag	180 gr. SST InterLock	9.72	82194	1348	902/4389	833/3740	767/3172	704/2673	644/2238	588/1863	-4	5	0	-22	-64	-129
C	300 Wby Mag	150 gr. InterBond	9.72	82219	1060	1029/4755	946/4022	868/3387	795/2838	725/2362	659/1951	-4	4	0	-17	-49	-100
C	300 Wby Mag	180 gr. SP InterLock	11.66	8222	1410	951/4876	875/4125	802/3472	734/2905	669/2413	607/1990	-4	5	0	-20	-58	-118
C	7.62 x 39MM	123 gr. A-MAX	7.97	8078	531	719/1907	622/1423	532/1044	453/756	388/553	340/425	-4	11	0	-46	-140	-299
LE	32 Special	165 gr. FTX	10.69	82732	810	735/2667	654/21										

Ammo Description						Velocity (m/sec) / Energy (joules)					Trajectory Tables (cm)						
CARTRIDGE	BULLET	WEIGHT (Grams)	ITEM #	HITS #	MUZZLE	100 m	200 m	300 m	400 m	500 m	MUZZLE	100 m	200 m	300 m	400 m	500 m	
SF	338 RCM	200 gr. SST	12.96	82237	1372	869/4521	801/3848	737/3258	676/2741	618/2292	564/1903	-4	5	0	-24	-69	-140
SF	338 RCM	225 gr. SST	14.59	82236	1628	837/4718	767/3969	701/3315	639/2750	580/2265	524/1815	-4	6	0	-26	-77	-157
C	338 Win Mag	225 gr. SST	14.59	82234	1628	849/4857	779/4089	712/3419	649/2840	589/2342	553/1917	-4	6	0	-26	-74	-152
SF	338 Win Mag	185 gr. GMX	11.99	82226	1218	939/4884	862/4120	790/3458	721/2883	656/2386	595/1960	-4	5	0	-20	-60	-122
SF	338 Win Mag	200 gr. SST	12.96	82223	1415	924/5110	853/4364	787/3711	724/3137	663/2636	606/2201	-4	5	0	-21	-60	-122
SF	338 Win Mag	225 gr. SST	14.59	82233	1744	866/5051	806/4380	749/3784	695/3252	642/2782	593/2368	-4	6	0	-26	-62	-134
M	338 Lapua	250 gr. BTHP	16.52	8230	2160	884/5266	837/4990	792/4232	749/3780	707/3366	666/2989	-4	5	0	-21	-59	-117
LE	35 Rem	200 gr. FTX	12.69	82735	875	678/2756	591/2096	512/1569	442/1168	383/880	340/692	-4	12	0	-50	-150	-318
DG	9.3 x 62mm	286 gr. SP-PP	18.53	82303	1863	719/4433	651/3633	587/2953	527/2379	472/1906	422/1529	-4	10	0	-38	-112	-230
DG	9.3 x 74R	286 gr. SP-PP	18.53	82304	1863	719/4433	651/3633	587/2953	527/2379	472/1906	422/1529	-4	10	0	-38	-112	-230
DG	376 Steyr	225 gr. SP-PP InterLock	14.59	8234	1201	703/3330	620/2587	542/1983	472/1504	412/1143	4233/-4	8	0	-34	-101	-212	
DG	376 Steyr	270 gr. SP-PP InterLock	17.50	8237	1755	717/4154	645/3367	578/2704	516/2150	459/1703	5080/-4	8	0	-31	-92	-190	
DG	375 H&H	270 gr. SP-PP Superformance	17.50	8508	1944	853/5891	774/4848	699/4385	629/3562	563/2868	502/2287	-4	6	0	-26	-78	-160
DG	375 H&H	270 gr. SP-PP	17.50	82312	1818	746/4495	672/3655	604/2946	539/2352	480/1864	5478/-4	7	0	-29	-84	-174	
DG	375 H&H	300 gr. DGS Superformance	19.44	8509	2183	814/5952	709/4512	612/3362	523/2460	445/1783	382/1308	-4	8	0	-34	-105	-225
DG	375 H&H	300 gr. DGS	19.44	82322	2034	771/5344	669/4023	576/2977	491/2165	418/1570	361/1170	-4	9	0	-39	-119	-255
DG	375 H&H	300 gr. DGX Superformance	19.44	82332	2034	818/6019	713/4566	615/3405	527/2493	448/1807	384/13247	-4	8	0	-34	-103	-222
DG	375 Ruger	270 gr. SP-PP Superformance	17.50	8231	1923	866/6061	786/4993	710/4080	639/3304	573/2651	510/2107	-4	6	0	-26	-75	-155
DG	375 Ruger	300 gr. DGS Superformance	19.44	8232	2145	811/5908	706/4476	609/3334	521/2438	443/1767	380/1298	-4	8	0	-34	-65	-227
DG	375 Ruger	300 gr. DGX Superformance	19.44	82333	2145	811/5908	706/4476	609/3334	521/2438	443/1767	380/1298	-4	8	0	-34	-65	-227
DG	404 Jeffery	400 gr. DGX	25.92	8238	2611	701/5889	619/4592	543/3535	474/2692	414/2053	365/1600	-4	0	-22	-77	-176	-333
DG	404 Jeffery	400 gr. DGS	25.92	8239	2611	701/5889	619/4592	543/3535	474/2692	414/2053	365/1600	-4	0	-22	-77	-176	-333
C	405 Win	300 gr. SP InterLock	19.44	8241	1423	671/4041	552/2741	450/1817	370/1229	319/914	287/742	-4	14	0	-63	-199	-430
C	405 Win	300 gr. FP InterLock	19.44	8240	1398	671/4041	568/2900	476/2040	400/1438	344/1063	308/853	-4	13	0	-57	-176	-377
DG	416 Rigby	400 gr. DGX	25.92	82663	2847	736/6493	650/5063	570/3898	497/2961	433/2244	379/1724	-4	0	-20	-69	-159	-301
DG	416 Rigby	400 gr. DGS	25.92	8265	2847	736/6493	650/5063	570/3898	497/2961	433/2244	379/1724	-4	0	-20	-69	-159	-301
DG	416 Ruger	400 gr. DGX	25.92	82665	2839	732/6412	646/4997	566/3845	494/2920	430/2213	377/1702	-4	0	-22	-74	-167	-313
DG	416 Ruger	400 gr. DGS	25.92	82666	2839	732/6412	646/4997	566/3845	494/2920	430/2213	377/1702	-4	0	-22	-74	-167	-313
LE	444 Marlin	265 gr. FTX	17.17	82744	1071	709/3987	591/2776	487/1883	401/1276	340/916	302/725	-4	5	-14	-75	-197	404
LE	45-70 Govt	250 gr. GMX	16.52	82741	PENDING PLD	/	/	/	/	/	/	/	/	/	/	/	/
LE	45-70 Govt	325 gr. FTX	21.06	82747	1242	625/3801	519/2619	1782/1782	358/1251	315/964	286/797	-4	7	-18	-98	-254	-509
LE	450 Marlin	325 gr. FTX	21.06	82750	1355	678/4478	566/3123	468/2130	388/1463	332/1076	292/865	-4	6	-15	-82	214	-434
C	450 Marlin	350 gr. FP InterLock	22.68	8250	1433	/	/	/	/	/	/	/	/	/	/	/	/
DG	450/400 Nit Exp	400 gr. DGS	25.92	8242	2475	625/4678	548/3605	479/2747	418/2094	369/1628	332/1324	-4	0	-29	-101	-229	-430
DG	450/400 Nit Exp	400 gr. DGX	25.92	82433	2475	625/4678	548/3605	479/2747	418/2094	369/1628	332/1324	-4	0	-29	-101	-229	-430
DG	450 Nitro Express	480 gr. DGX	31.10	8255	2938	655/6175	556/4608	485/3385	416/2484	361/1872	323/1502	-4	0	-27	-96	-222	-423
DG	450 Nitro Express	480 gr. DGS	31.10	8256	2938	655/6175	556/4608	485/3385	416/2484	361/1872	323/1502	-4	0	-27	-96	-222	-423
DG	450 Bushmaster	250 gr. FTX	16.52	82244	805	671/3368	544/2116	436/1424	356/947	308/711	278/580	-4	0	-30	-112	-271	-534
DG	458 Win Mag	500 gr. DGX Superformance	32.40	85833	3205	652/6373	563/4753	483/3490	414/2562	/	/	-4	0	-9	-97		
DG	458 Win Mag	500 gr. DGS Superformance	32.40	8585	3205	652/6373	563/4753	483/3490	414/2562	/	/	-4	0	-9	-97		
DG	458 Lott	500 gr. DGX	32.40	82613	3458	701/7361	611/5592	528/4182	455/3097	393/2310	346/1791	-4	11	0	-47	-141	-299
DG	458 Lott	500 gr. DGS	32.40	8262	3458	701/7361	611/5592	528/4182	455/3097	393/2310	346/1791	-4	11	0	-47	-141	-299
DG	470 Nitro Express	500 gr. DGX	32.40	8263	2997	655/6432	575/4944	500/3748	435/2833	381/2169	340/1729	-4	0	-26	-92	-209	-394
DG	470 Nitro Express	500 gr. DGS	32.40	8264	2997	655/6432	575/4944	500/3748	435/2833	381/2169	340/1729	-4	0	-26	-92	-209	-394
DG	500 Nitro Express	570 gr. DGX	36.94	8268	3495	655/7333	574/5621	499/4250	433/3204	379/2449	338/1952	-4	0	-26	-92	-210	-397
DG	500 Nitro Express	570 gr. DGS	36.94	8269	3495	655/7333	574/5621	499/4250	433/3204	379/2449	338/1952	-4	0	-26	-92	-210	-397
M	50 BMG	750 gr. A-MAX	48.60	8270	8133	858/16540	829/15428	800/14379	772/13389	744/12451	717/11565	-4	5	0	-21	-58	-112

All rifle ballistics are established with a 24" SAAMI standard test barrel.

## Shotgun Ammunition

Ammo Description				Velocity (m/sec) / Energy (joules)					Trajectory Tables (cm)				
AMMO DESCRIPTION	WEIGHT	ITEM #	HITS #	MUZZLE	50 m	100 m	150 m	200 m	MUZZLE	50 m	100 m	150 m	200 m
20 ga. SST Shotgun Slug	250 gr.	86232	643	549/2254	491/1808	440/1449	395/1168	339/960	-4	8	11	0	-26
12 ga. SST Shotgun Slug	300 gr.	8623	842	610/3340	549/2713	493/2188	443/1763	358/1427	-4	6	8	0	-21
GAUGE	SHELL LENGTH	ITEM #	MUZZLE	10 m	20 m	30 m	40 m	MUZZLE	10 m	20 m	30 m	40 m	
12 Gauge #4 Buck	12/2 3/4"	86243	411	396	381	368	356	2632	2438	2263	2107	1969	
12 Gauge 00 Buck (8 Pellets)	12/2 3/4"	8624	488	460	434	410	388	3275	2868	2569	2317	2076	
12 Gauge TAP-FPD 00 Buck (8 Pellets)	12/2 3/4"	86278	488	460	434	410	388	3275	2868	2569	2317	2076	
12 Gauge Crit-D (8 Pellets)	12/2 3/4"	86246	488	460	434	410	388	3275	2868	2569	2317	2076	

All shotgun ballistics are established with a 30" SAAMI standard test barrel.

## Muzzleloader Projectiles

Description					Velocity (m/sec) / Energy (joules)					Trajectory Tables (cm)						
DESCRIPTION	WEIGHT (grams)	WEIGHT	ITEM #	HITS #	MUZZLE	50 m	100 m	150 m	200 m	250 m	MUZZLE	50 m	100 m	150 m	200 m	250 m
45 Cal. SST-ML	12.96	200 gr.	67132	724	724/3140	672/2704	622/2319	575/1979	530/1680	487/1421	-4	6	11	9	0	-18
50 Cal. SST-ML Low Drag	16.2	250 gr.	67270	810	686/3522	623/2904	563/2375	507/1927	457/1561	411/1266	-4	8	14	12	0	-23
50 Cal. SST-ML Low Drag	19.44	300 gr.	67271	1150	649/3788	598/3211	549/2706	502/2268	460/1900	421/1593	-4	9	15	12	0	-24
50 Cal. FBP (150 gr. charge)	19.44	300 gr.	6605	919	640/3682	588/3105	538/2603	491/2171	449/1811	410/1513	-4	9	15	13	0	-25
50 Cal. FBP (100 gr. charge)	19.44	300 gr.	6605	782	549/2705	501/2258	458/1883	418/1572	384/1325	355/1133	-4	14	22	18	0	-34
50 Cal. FPB (150 gr. charge)	22.68	350 gr.	6600	1188	595/3704	551/3188	510/2732	472/2338	437/2003	405/1719	-4	11	17	14	0	-27
50 Cal. FPB (100 gr. charge)	22.68	350 gr.	6600	984	494/2556	457/2189	423/1874	393/1616	366/1406	344/1243	-4	17	26	21	0	-39

All data developed in a stock T/C Omega inline muzzleloader with 150 gr. charges except when noted. Zero your rifle 3" high at 100 yards for a 6" shooting window to 200 yards with 3 pellets or 150 gr. charges.

For more information on HITS, visit us at [Hornady.com](http://Hornady.com)

# Handgun Ammunition

Ammo Description						Velocity (m/sec)			Energy (joules)		
CARTRIDGE	BULLET	WEIGHT (Grams)	ITEM #	HITS #	BARREL LENGTH	MUZZLE	50 m	100 m	MUZZLE	50 m	100 m
25 Auto	35 gr. JHP/XTP	2.27	90012	22	2"	274	253	234	79	67	57
32 Auto	60 gr. JHP/XTP	3.89	90062	48	4"	279	259	242	140	121	106
380 Auto	90 gr. JHP/XTP	5.83	90102	84	4"	305	276	255	250	206	175
380 Auto (Critical Defense)	90 gr. FTX	5.83	90080	84	4"	305	276	255	250	206	175
9MM Luger	115 gr. JHP/XTP	7.45	90252	157	4"	352	307	278	427	324	265
9MM Luger (Critical Defense)	115 gr. FTX	7.45	90250	153	4"	346	303	275	412	316	261
9MM Luger	124 gr. JHP/XTP	8.04	90242	180	4"	335	309	289	418	355	311
9MM Luger	124 gr. TAP-FPD	8.04	90248	180	4"	335	309	289	418	355	311
9MM Luger	147 gr. JHP/XTP	9.53	90282	230	4"	297	283	272	389	354	326
9MM Luger	147 gr. TAP-FPD	9.53	90288	230	4"	297	283	272	389	354	326
9 x 18MM Makarov	95 gr. JHP/XTP	6.16	91002	90	4"	305	286	271	250	221	198
38 Special (Critical Defense)	110 gr. FTX	7.13	90310	127	4" V	308	282	228	312	262	228
38 Special+P (Critical Defense)	110 gr. FTX	7.13	90311	135	4" V	332	299	276	364	295	251
38 Special	125 gr. JHP/XTP	8.1	90322	151	4" V	274	260	246	282	252	227
38 Special	158 gr. JHP/XTP	10.24	90362	214	4" V	244	235	226	281	261	243
357 Magnum	125 gr. FTX	8.1	90500	187	8" V	457	396	348	783	586	454
357 Magnum	125 gr. JHP/XTP	8.1	90502	230	8" V	457	396	348	783	586	454
357 Magnum	140 gr. JHP/XTP	9.07	90552	266	8" V	411	365	331	710	559	459
357 Magnum	140 gr. FTX	9.07	92755	280	8" V	439	391	352	808	641	521
357 Magnum	158 gr. JHP/XTP	10.24	90562	322	8" V	381	347	322	687	571	492
357 SIG	124 gr. JHP/XTP	8.04	9130	211	4"	411	364	330	629	492	404
357 SIG	147 gr. JHP/XTP	9.53	9131	279	4"	373	343	320	614	519	452
40 S&W	155 gr. JHP/XTP	10.04	9132	227	4"	360	321	295	601	479	403
40 S&W	155 gr. TAP-FPD	10.04	91328	227	4"	360	321	295	601	479	403
40 S&W	165 gr. FTX	10.69	91340	259	3"	358	322	296	634	512	434
40 S&W	180 gr. JHP/XTP	11.66	9136	262	4"	290	274	260	452	404	365
40 S&W	180 gr. TAP-FPD	11.66	91368	262	4"	290	274	260	452	404	365
10MM Auto	155 gr. HP/XTP	10.04	9122	239	5"	386	338	307	690	530	436
10MM Auto	180 gr. JHP/XTP	11.66	9126	312	5"	360	326	302	698	575	493
10MM Auto	200 gr. JHP/XTP	12.96	9129	376	5"	320	301	286	614	543	490
44-40 Cowboy	205 gr. Cowboy	12.96	9075	227	7½" V	221	212	203	300	275	252
44 Special	180 gr. JHP/XTP	11.66	9070	234	7½" V	305	283	266	501	431	381
44 Rem Mag	180 gr. JHP/XTP	11.66	9081	335	7½" V	472	403	350	1204	876	661
44 Rem Mag	200 gr. JHP/XTP	12.96	9080	413	7½" V	457	402	358	1252	969	768
44 Rem Mag	225 gr. FTX	14.58	92782	485	7½" V	430	382	345	1245	985	803
44 Rem Mag	240 gr. JHP/XTP	15.455	9085	547	7½" V	411	366	333	1217	964	796
44 Rem Mag	300 gr. JHP/XTP	19.44	9088	754	7½" V	351	329	312	1104	973	874
45 Auto	185 gr. JHP/XTP	11.99	9090	219	5"	276	260	246	422	374	334
45 Auto	185 gr. FTX	11.99	90900	205	3"	276	258	244	417	370	331
45 Auto	200 gr. JHP/XTP	12.96	9112	240	5"	274	260	246	451	404	364
45 Auto+P	200 gr. TAP-FPD	12.96	91128	275	5"	297	279	263	529	465	416
45 Auto+P	200 gr. JHP/XTP	12.96	9113	275	5"	297	279	263	529	465	416
45 Auto+P	230 gr. JHP/XTP	14.9	9096	338	5"	290	276	264	578	523	479
45 Auto	230 gr. FMJ RN ENC	14.9	9097	305	5"	259	248	239	462	425	392
45 Auto+P	230 gr. TAP-FPD	14.9	90958	338	5"	290	276	264	578	523	479
45 Colt	255 gr. Cowboy	16.52	9115	310	4¾" V	221	212	204	373	344	317
45 Colt	225 gr. FTX	14.58	92792	316	4¾" V	293	278	265	577	519	473
454 Casull	240 gr. XTP MAG	15.55	9148	680	7½" V	579	505	440	2411	1835	1392
454 Casull	300 gr. XTP MAG	19.44	9150	939	7½" V	503	445	394	2273	1777	1398
460 S&W	200 gr. FTX	12.96	9152	545	8¾" V	671	602	538	2694	2171	1732
475 Linebaugh	400 gr. XTP MAG	25.92	9140	1191	7½" V	396	356	327	1881	1518	1278
480 Ruger	325 gr. XTP MAG	21.06	9138	799	7½" V	411	360	324	1648	1262	1022
480 Ruger	400 gr. XTP MAG	25.92	9144	1039	7½" V	335	311	293	1347	1161	1027
50 AE	300 gr. XTP/HP	19.44	9245	643	6"	450	377	327	1816	1275	962
500 S&W	300 gr. FTX	19.44	9249	906	8½" V	594	535	480	3175	2574	2074
500 S&W	350 gr. XTP MAG	22.68	9250	1035	8½" V	518	445	384	2815	2074	1545
500 S&W	500 gr. FP-XTP	32.4	9252	1686	8½" V	396	357	327	2352	1904	1605

## LEGEND

**BT**.....Boattail  
**DGS**..... Dangerous Game Solid  
**DGX**..... Dangerous Game Expanding  
**ENC**..... Encapsulated

**FMJ**..... Full Metal Jacket  
**FP**..... Flat Point  
**FPB**..... Flex Tip® Projectile Blackpowder  
**FTX**..... Flex Tip® eXpanding  
**GMX**..... Gliding Metal Expanding

**HP**..... Hollow Point  
**I**..... InterLock™ Bullet  
**IB**..... InterBond™ Bullet  
**L**..... Swaged Lead Bullet  
**LRN**..... Lead Round Nose  
**ML**..... Muzzleloading

**w/Moly**... Moly-Coated  
**RN**..... Round Nose  
**SIL**..... Silhouette  
**SJ**..... Short Jacket  
**SP**..... Spire Point  
**SP-RP**.... Spire Point Recoil Proof

**SST**..... Super Shock Tipped  
**SSP**..... Single Shot Pistol  
**V**..... Vented  
**XTP**..... Extreme Terminal Performance™

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