

Type Case /Caliber	AKA	Year Made	Org TST BBL LEN	RFL TST BBL LEN	RFL MUZ VEL FPS	Muzzle Energy ft lbs	Effective Range Yards	Max Range Yards	Rate	Notes/Cautions/Test Load
Bottle Neck										
.30 Whitetail	New 2025	2024	24"	24"	2850	2165	425	7500	E	Barnes TAC-TX, 120 grains May be stamped 6mm BR
.300 AAC Blackout	7.62x35mm	2009	16"	16"	2375	1378	125	3500	E	Hornady Black Vmax 110 grain
.300 Whisper		1990	16"	16"	2250	1237	100	3500	E	Black Hills Triple Shock 110 grain TTSSX
338 ARC Supersonic	New 2025	2025	16"	16"	2075	1673	375	5200	E	Hornady Blackck Supersonic 175 grain JHP
338 ARC Subsonic	New 2025	2025	16"	16"	1050	752	50	6100	M	Hornady Subsonic 307 grain Sub-X
.357 Sig	9x22mm	1994	4"	16"	1723	824	50	2400	L	Federal Premium 125 grain JHP
7.92 x 33 mm Kurz	8x33mm Polte	1942	16.5"	16.5"	2247	1386	125	3500	E	Good luck finding non full metal jacket loads
38-40 Winchester	38-40 WCF, 38 WCF	1879	5.5"	24"	1421	807	50	2400	L	Buffalo Bore Heavy 180 grain FN, Cowboy loads too light
.429 Desert Eagle		2018	6"		1625	1408	160	2500	E	Glacier Ridge 240 grain bullet (NO RIFLE DATA)
.44-40 Winchester	.44 WCF	1873	20"	24"	1180	619	50	2000	L	Magtech 200 grain lead flat nose
Straight Wall										
9x23 mm Winchester	9x23mm Comp	1995	5"		1300	551	50	3400	L	Buffalo Bore 147 grain JHP (NO RIFLE DATA)
9mm Winchester Magnum	9x29mm	1979	6"	12"	1600	836	50	3700	L	Reeds Ammunition 147 grain XTP (NO RIFLE DATA)
10mm S&W	10x25mm	1983	4.6"	16"	1384	745	50	1760	L	Winchester 175 grain Silvertip
.30 Carbine	7.62x30mm	1942	18"	18"	1990	968	50	2600	L	Remington Core Loct 110 grain SP
.32-40 Winchester	.32-40 Ballard	1884	20"	20"	1200	544	50	3000	L	HSM Cowboy Action 170 grain lead RNFP
.327 Federal Magnum		2008	5.5"	16"	2141	1018	50	2600	L	American Eagle 100 grain JSP
.350 Legend	9x43mm	2019	20"	20"	2300	1879	250	3800	E	Federal Fusion 160 grain Bonded
.351 Winchester SL	.351SL	1906	20"	20"	1645	1080	60	3000	M	Jamison 180 grain JFN
.356 TSW		1994	5"		1600	654	50	2500	L	Underwood 115 grain JHP (NO RIFLE DATA)
.357 S&W Magnum	9x33mmR	1934	4"	16"	2051	1168	50	2700	M	Federal 125 grain JHP
.357 Remington Maximum		1983	14"	16.25"	2179	1666	160	2700	E	Hornady 158 grain XTP
.360 BuckHammer	9.1x46mmR	2023	20"	20"	2200	2150	220	3200	E	Remington Core Loct 200 grain SP
.375 Winchester		1970	20"	20"	2097	2150	275	4000	E	Winchester 220 grain PP
38-55 Winchester	38-55 Ballard	1876	26"	26"	1320	987	140	2000	E	Winchester 255 grain JSP
.40 S&W	10x22mm, 10mm Kurz	1990	4"	16"	1464	714	50	2100	L	Cor Bon 150 grain JHP
.40-65 Winchester		1887	30"	30"	1350	1052	100	3500	M	PMC Cowboy 260 grain lead FN
.400 Legend		2023	20"	20"	2250	2416	300	3800	E	Winchester 215 grain PP LRN
.405 Winchester	.405WCF	1904	24"	24"	2200	3224	530	3600	O	Hornady Custom 300 grain Interlock SP
.41 Magnum	10.4x33mmR	1964	6.5"	16"	1706	1357	120	2400	E	Speer 210 grain HP
.44 Special	10.9x29mmR	1907	6"	16"	1338	657	50	1900	L	Cor Bon 165 grain JHP
.44 S&W Magnum	10.9x33mmR	1954	7.5"	16"	1619	1397	165	2500	E	Federal 240 grain Hydro Shock
.444 Marlin	10.9x57mmR	1964	24"	24"	2400	3389	380	2550	E	Hornady 265 grain Intrelock
.45 Colt +P Only	Cautions: modern arms	1970's	6"	18.5"	1700	1924	250	2700	E	Buffalo Bore Heavy 45+P 300 grain JFN Vel & Eng vary
.45 Raptor		2014	16"	16"	2500	3332	300	3400	E	Underwood 240 grain XTP JHP
.45 Wincherter Magnum		1977	5"		1600	1308	130	2500	E	Underwood 230 grain XTP JHP (NO RIFLE DATA)
.450 Bushmaster		2007	20"	20"	2200	2687	350	3000	E	Hornady 250 grain FTX
.450 Nitro Express	.450 N.E. 3 1/4"	1898	24"	24"	2150	4927	1200	4200	O	Hornady 480 grain DGS
.45-70 Government	45-70 Springfield	1873	24"	24"	2000	2886	500	3500	E	Hornady 325 grain FTX
.45-90 Winchester	.45-82 and .45-85	1886	30"	30"	1650	1813	275	2700	E	Ultramax Cowboy 300 grain LRNFP
.45-110 Sharps	Sharps 2 7/8" Straight	1887	30"	30"	1200	1710	850	3800	O	Ten-X Cowboy 535 grain spitzer FP
.45-120 Sharps	Sharps 3 1/4" Straight	1878	30"	30"	1420	2394	1000	4000	O	Ten-X Cowboy 535 grain spitzer FP
.454 Casull		1959	7.5"	20"	2200	2580	250	3000	E	Hornady 240 Grain XTP
.457 Wild West Guns		2001	16.5"	22"	2300	4100	540	3600	O	Wild West Guns 350 grain Swift A frame
.460 S&W Magnum		2005	8.375"	22"	2875	3672	285	3000	E	Hornady 200 grain FTX
.475 Linebaugh		1988	5.5"	22"	1500	1999	350	3000	E	Hornady 400 grain XTP Mag
.480 Ruger		2003	7.5"	22"	1550	1734	225	3100	E	Hornady 325 grain XTP Mag
.50 Action Express	12.7x33mmRB	1988	6"	16"	1760	2238	300	3700	E	Speer 325 grain GDHP
.50 Beowulf	12.7x42mm	2001	16"	16"	1771	2437	300	3500	E	Alexander Arms 350 grain Hornady XTP Mag
.50-70 Government	50-70 Sharps	1866	28"	28"	1216	1644	600	3400	O	Ten X Cowboy 500 grain RNFP
.50-90/100/110	Sharps 2 1/2, Big 50	1872	36"	36"	1420	2238	900	3600	O	Ten X Cowboy 500 grain RNFP
.500 S&W Magnum	12.7x41mmSR	2003	8.38	18"	2133	3536	375	3600	E	Hornady 350 grain XTP Mag
.500 Nitro Express 3"	.500 N.E. 3' or 3 1/4"	1890	24"	24"	2120	5688	1500	4400	O	Hornady 570 grain DGX
Rifle Only										
9mm Luger +P Only	9mm Parabellum, 9x19mm	1901	3.5"	16"	1379	524	50	2700	L	Needs 16" Barrel for Minimum Muzzle Energy Speer SB 124 grain GDHP +P (Rifle Only)
.45 ACP	11.43x23mm	1904	5"	16"	1214	608	50	2000	L	Hornady 185 grain FTX (Rifle only)
.45 Colt	11.3x33mmR	1873	6"	16"	1060	562	50	2100	L	Federal 225 grain lead HP (Rifle only)

Light; Shots in this category should be under 50 yards and may only wound

Marginal; Barely sufficient Terminal Energy at ranges listed

Excellent; Should perform well to ranges listed

Overkill; These are calibers designed for the largest, most dangerous game. May result in overpenetration and downrange safety concerns.



For Illustration Only

Legal Illinois Deer Calibers

Restrictions May Apply