Cartridge | Rifle

Caliber	Projectile Weight (grains)	Preferred Granulation	Powder Charge Measure Setting	Approximate Velocity (fps)*
Cartridge — Rifle				
22 Win CF	45	FFF	13	1540
22 Extra Long	45	FFF	10	1100
22-15-60 Stevens	60	FFF	15	1150
25-21 Stevens	86	FFF	21	1470
25-25 Stevens	86	FFF	25	1500
28-30-120 Stevens	120	F	30	1500
297-250 Rook	56	FFF	7	1150
30-30 Wesson	165	F	30	1650
30-40 Wesson	170	F	40	1700
320 Long	80	FFF	8	1100
32 Ballard Extra Long	115	FF	20	1200
32 Ideal	115	FF	38	1420
32 Ideal	150	F	25	1250
32-20 Win	115	FFF	20	1250
32-30 Rem	115	FF	35	1430
32-40 Marlin & Win	165	FFF	40	1450
360 Rook	134	FFF	14	1030
360 BP Express	155	FFF	50	1550
360 BP Express	190	FFF	50	1450
38 Ballard Extra Long	145	FF	31	1250
38 Special	160	FFF	23	1010
38-35 Stevens	215	F	35	1250
357 Mag	160	FFF	25	1100
38-40 Win	164	F	36	1230
38-40 Win	180	F	40	1320
38-45 Ballard	190	F	45	1380
38-50 Rem	255	F	50	1320

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Caliber	Projectile Weight (grains)	Preferred Granulation	Powder Charge Measure Setting	Approximate Velocity (fps)*
38-55 Ballard	255	F	55	1320
38-55 Win	266	F	48	1190
38-56 Win	255	F	56	1390
38-70 Win	255	F	70	1490
38-72 Win	275	F	72	1470
38-90 Win	217	F	90	1520
40-50 Sharps & Rem	265	F	50	1410
40-50 Sharps Necked	265	F	50	1460
40-70 Sharps Necked	330	F	70	1420
40-90 Sharps Necked	370	F	90	1475
40-90 Sharps & Rem Straight	370	F	90	1380
40-90 Bullard	330	F	90	1570
40-75 Win	260	F	75	1470
40-70 Ballard Straight	330	F	70	1330
40-82 Win	260	F	82	1520
40-60 Win	210	F	60	1560
40-65 Win	260	F	65	1420
40-110 Win Express	260	F	110	1610
433 Rem Egyptian	420	FFF	67	1340
433 Rem Spanish	390	FFF	75	1340
433 Gras	386	FFF	81	1500
433 Mauser	386	FFF	77	1430
44-40 Win	200	FFF	39	1180
44 Henry	200	F	60	1150
44-60 Sharps & Rem	396	F	60	1250
44-77 Sharps & Rem Necked	365	F	77	1460
44-90 Sharps Necked	520	F	90	1270
44-90 Rem Necked	550	F	90	1310
44 Extra Long Ballard	265	F	50	1320
44-100 Ballard	365	F	110	1500

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Caliber	Projectile Weight (grains)	Preferred Granulation	Powder Charge Measure Setting	Approximate Velocity (fps)*
45 Colt	247	FFF	42	1050
45-50 Peabody	300	F	50	1280
45-60 Win	300	F	60	1310
45-70 Win	400	F	50	1040
45-70 Win	400	F	60	1180
45-70 Win	400	F	70	1280
45-70 Win	500	F	50	910
45-70 Win	500	F	60	1060
45-70 Win	500	F	70	1130
45-75 Win	350	F	75	1380
45-90 Win	300	F	90	1550
45-100 Ballard	500	F	100	1400
45-105 Sharps Express	550	F	105	1360
45-125 Win	300	F	125	1820
450 No. 1	270	FFF	28	1000
45-70-405 Win & Marlin	405	FFF	57	1300
450 BP Express	270	FFF	120	1970
450 BP Express	310	FFF	120	1810
450 BP Express	325	FFF	120	1770
450 BP Express	365	FFF	120	1700
500-450 No.1 BP Express	270	FFF	100	1900
500-450 No.1 BP Express	310	F	110	1820
500-450 Magnum BP Express	325	F	140	1950
500-450 Magnum BP Express	365	F	140	1870
500-450 No.1 Musket	480	F	76	1300
500-450 No.2 Musket	480	F	76	1300
50-50 Maynard	360	F	60	1270
50 US Carbine	400	F	50	1200
50-70 Musket (Govt)	450	F	70	1260
50-70 Sporting	425	F	70	1270

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Caliber	Projectile Weight (grains)	Preferred Granulation	Powder Charge Measure Setting	Approximate Velocity (fps)*
50-90 Sharps	473	F	90	1350
50-95 Win	300	F	95	1550
50-110 Win	285	F	110	1600
50-100 Win	450	F	100	1470
50-115 Bullard	290	F	115	1540
50-140 Sharps & Rem	700	F	140	1350
500 BP Express 3"	340	F	136	1920
500 BP Express 3"	380	F	136	1850
500 BP Express 3-1/4"	440	F	142	1770
500 BP Express 3-1/4"	480	F	142	1700
55-100 Maynard	530 Lead	F	100	1410
577-450 Solid Martini-Henry	480	F	90	1350
577-450 Solid Martini-Henry	325	F	90	1600
577-450 Coiled Martini-Henry Carbine	410	F	90	1150
577-500 No.2 BP Express	340	F	130	1850
577-500 No.2 BP Express	380	F	130	1770
577-500 No.2 BP Express Mag	440	F	164	1880
577-500 No.2 BP Express Mag	480	F	164	1800
577 Solid Snider	480	F	70	1240
577 Coiled Snider	480	F	70	1200
577 BP Express 2-3/4"	520	F	160	1720
577 BP Express 2-3/4"	560	F	160	1650
577 BP Express 3"	570	F	167	1720
577 BP Express 3"	610	F	167	1650

** Approximate velocity. Data is supplied as a reference only. Always begin with the lowest recommended charge and work up, and never exceed the maximum charge recommended by the firearm manufacturer.*

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