BORE AND GROOVE DIAMETER & TWIST OF COMMON CARTRIDGES

Calibre	Bore	Groove	Twist
.17 Remington	.166	.1720	1 - 12 or 14
5 m/m Remington Magnum	.198	.2045	1 - 14
.22 Short rim fire	.217	.223	1 - 20
.22 Long rifle	.217	.223	1 - 16
.22 W.R.F. (Special)	.219	.226	1 - 14
.22 Rim fire magnum	.218	.224	1 - 16
.22 Winchester center fire	.218	.224	1 - 16
.22 Hornet (original)	.217	.223	1 - 16
.22 Hornet (modern)	.219	.224	1 - 16
.218 Bee	.218	.224	1 - 16
.222 Remington	.219	.224	1 - 16
.222 Remington Magnum	.218	.224	1 - 16
.223 Remington (5.6 m/m Nato)	.218	.224	1 - 13 or 12
.219 Wasp	.218	.224	1 - 16
.219 Zipper and Imp.	.218	.224	1 - 16
.220 Swift (up to 50 gr.)	.218	.224	1 - 16
.220 Swift (55 gr. bullet)			1 - 14
.220 Swift (63 and 70 gr.)			1 - 13 or 12
.22/250 (up to 50 gr.)	.218	.224	1 - 16
.22/250 (55 gr.)			1 - 14
.22/250 (63 and 70 gr.)			1 - 12 or 13
.225 Winchester	.218	.224	1 - 14
.22 Savage H.P.	.220	.228	1 - 12
.228 Ackley Magnum	.220	.228	1 - 12 or 14
.230 Ackley Magnum	.223	.230	1 - 12
.240 Cobra (Swift case)	.236	.243	1 - 12
6 m/m Lee Navy	.236	.243	1 - 6½
.244 Remington (up to 90 gr.)	.236	.243	1 - 12
6 m/m Remington	.236	.243	1 - 10
.243 Winchester (all)	.236	.243	1 - 10
6.5 x 54 m/m MS	.256	.264	1 - 7½
6.5 Jap	.256	.264	1 - 8
6.5 Remington Magnum	.256	.264	1 - 10
6.5 Mags. (up to 140 gr.)	.256	.264	1 - 9
6.5 Mags. (over 140 gr.)	.256	.264	1 - 8
.264 Winchester	.256	.264	1 - 9
.25/20 Winchester	.250	.257	1 - 16
.25/20 SS	.250	.257	1 - 14
.25/35 Winchester	.250	.257	1 - 8
.25 Remington Rimless	.250	.257	1 - 10
.250 Savage (up to 100 gr.)	.250	.257	1 - 14 (old 99)
.250 Savage (over 100 gr.)	.250	.257	1 - 10
.257 Roberts	.250	.257	1 - 10
.25/06 Remington	.250	.257	1 - 10
.270 Winchester	.270	.277	1 - 10
.270 Winchester (Varmint)	.270	.277	1 - 12
7 x 57 m/m Mauser	.276	.284	1 - 8½
7 m/m Mags. (up to 160 gr.)	.276	.284	1 - 10
7 m/m Mags. (over 160 gr.)	.276	.284	1 - 9
.280 Remington	.275	.283	1 - 10
.284 Winchester	.275	.283	1 - 10
.280 Ross	.280	.288	1 - 10
.280 Dubiel (180 gr.)	.280	.288	1 - 9
.30/30	.300	.308	1 - 12
.30 Remington Rimless	.300	.308	1 - 12
.300 Savage	.300	.308	1 - 10 or 12
.308 Winchester (7.62 Nato)	.300	.308	1 - 10 or 12

13/07-17 and/or
16-18-01

BORE AND GROOVE DIAMETER & TWIST OF COMMON CARTRIDGES

Calibre	Bore	Groove	Twist
.30/40 Krag	.300	.308	1 - 10
.30/06	.300	.308	1 - 10 or 12
7.62 Russian	.300	.309	1 - 10
.300 Weatherby Magnum	.300	.308	1 - 10 or 12
.303 Savage (original)	.303	.311	1 - 10
.303 Savage	.300	.309	1 - 10
.303 British (service)	.303	.312	1 - 10
7.7 Jap	.303	.312 to .318	1 - 9
.32 WCF (.32/20)	.304	.312	1 - 20
7.65 m/m Mauser	.303	.312	1 - 9
.32 Winchester Spl.	.312	.320	1 - 14
.32 Remington Automatic	.312	.320	1 - 14
.32/40	.312	.320	1 - 14 or 16
8 x 56 m/m Mannlicher	.315	.322	1 - 9
8 x 57 M/m Mauser (M88)	.312	.318 to .320	1 - 9
8 x 57 m/m Mauser (S) (M98)	.315	.323	1 - 9
.32 Winchester SL	.312	.323	1 - 10
.33 Winchester	.330	.338	1 - 16
.338 Winchester	.330	.338	1 - 12
.334 Belted OKH	.326	.334	1 - 10 or 12
.348 Winchester	.340	.348	1 - 12
.35 Remington	.348	.356	1 - 12
.35 Winchester	.350	.357	1 - 12
.35 Winchester SL	.344	.352	1 - 12
.351 Winchester SL	.344	.352	1 - 12
.358 Winchester	.350	.358	1 - 14
.35 Whelen (up to 250 gr.)	.350	.358	1 - 14 or 16
.35 Whelen (300 gr.)	.350	.358	1 - 12 or 14
.350 Remington Magnum	.350	.358	1 - 14
.35 Ackley	.350	.358	1 - 14
.350 G & H and Imp.	.350	.358	1 - 12 or 14
9 x 57 m/m Mauser	.350	.357	1 - 10
9.3 x 62	.360	.367	1 - 10
.375 H & H Winchester	.368	.375	1 - 12
.375 H & H FN Browning	.368	.375	1 - 14
.38/55 Winchester	.368	.375	1 - 20
.378 Weatherby	.367	.376	1 - 14
.405 Winchester	.404	.412	1 - 14
.400 Whelen	.404	.412	1 - 14
.401 Winchester SL	.397	.405	1 - 14
.404 Jeffry Magnum	.414	.424	1 - 14
.416 Rigby	.409	.416	1 - 14
10.75 Mauser (.425 W.R.)	.414	.424	1 - 13 or 14
.44/40 Winchester	.421	.428	1 - 20
.38/40 Winchester	.396	.402	1 - 26
.444 Marlin	.420	.428	1 - 38
.45/70 Springfield	.450	.458	1 - 22
.45/70 Winchester & Marlin	.450	.457	1 - 18
.458 Win. Mag. (original)	.450	.458	1 - 18
.458 Winchester Magnum	.450	.458	1 - 14
.458 Win. Magnum (Modern)	.450	.458	1 - 12
.450 Alaskan	.450	.458	1 - 18
.450 Ackley Magnum	.450	.458	1 - 18
.475 Magnum	.468	.476	1 - 18
.475 Nitro Express #2	.460	.468	1 - 18
.505 Gibbs	.495	.505	1 - 16