

C.I.P.	Rimless cartridges	TABLE	I
		DATE	84-06-09
		REV.	02-05-15

Calibres of rifled long centre fire weapons for rimless cartridges.

The metric calibres are classed before the calibres originally designated in inches.

The classification is in growing and in alphabetical order according to the designation of the calibre.

Transducer method

Calibre	country of origin	Date	Rev.	M	PTmax	PK	PE	EE
5,45 x 39	SU	92-07-23	02-05-15	17,5	3800	4370	4750	1505
5,6 x 39	RU	00-02-15	02-05-15	17,5	3500	4025	4375	2100
5,6 x 50 Mag.	DE	84-06-14	02-05-15	25	3800	4370	4750	1915
5,6 x 57	DE	84-06-14	02-05-15	25	4400	5060	5500	2725
5,6 x 61 SE v. H.	DE	84-06-14	02-05-15	25	4550	5233	5690	3005
5,7 x 28	BE	93-10-19	02-05-15	12	3450(PTc)	3968	4313	1500
6 x 47 ATZL	AT	97-11-05	02-05-15	25	4050	4660	5060	2100
6 x 47 SM	CH	02-01-22	02-05-15	25	3900	4485	4875	2730
6 x 51 ATZL	AT	97-11-05	02-05-15	25	4050	4658	5060	2100
6 x 62 Freres	DE	84-06-14	02-05-15	25	4300	4945	5375	3300
6 mm BR Norma	SE	95-12-20	02-05-15	17,5	4050	4658	5060	2545
6,5 x 52 Carcano	IT	93-09-21	02-05-15	25	2850	3278	3560	2465
6,5 x 54 Mauser	DE	84-06-14	02-05-15	25	3050	3508	3810	2380
6,5 x 54 M.-Sch.	AT	84-06-14	02-05-15	25	3650	4198	4560	2430
6,5 x 55 SE	SE	84-06-14	02-05-15	25	3800	4370	4750	3395
6,5 x 57	DE	84-06-14	02-05-15	25	3900	4485	4875	3260
6,5 x 58 Mauser	DE	84-06-14	02-05-15	25	3550	4083	4440	3330
6,5 x 63 Messner Mag.	DE	02-01-22	02-05-15	25	4400	5060	5500	4200
6,5 x 64	DE	92-02-27	02-05-15	25	4300	4945	5375	3645
6,5 x 64 Brenneke	DE	92-02-27	02-05-15	25	4300	4945	5190	3645
6,5 x 65 RWS	DE	90-04-05	02-05-15	25	4150	4773	5190	3955
6,5 x 68	DE	84-06-14	02-05-15	25	4400	5060	5500	4045
7 x 33 Sako	FI	95-03-09	02-05-15	17,5	2800	3220	3500	1715
7 x 57	DE	84-06-14	02-05-15	25	3900	4485	4875	3450
7 x 64	DE	84-06-14	02-05-15	25	4150	4773	5190	4270
7 mm KM	DE	99-09-01	02-05-15	25	4700	5405	5875	5670
7 mm Rem. Ultra Mag.	US	02-01-22	02-05-15	25	4400	5060	5500	5250
7 mm SE v.H.	DE	84-06-14	02-05-15	25	4400	5060	5500	4525
7 mm Win. Short Mag.	US	02-01-22	02-05-15	25	4450	5118	5563	4830
7,21 Firebird	FI	02-01-22	02-05-15	25	4600	5290	5750	6375
7,5 x 55 Suisse	CH	84-06-14	02-05-15	25	3800	4370	4750	3965
7,62 x 39	SU	89-01-04	02-05-15	25	3550	4083	4440	2510
7,62 x 45	CS	92-08-03	02-05-15	25	4300	4945	5375	2515
7,62 UKM	DE	02-01-22	02-05-15	25	4700	5405	5875	5565
7,65 x 53 Arg.	DE	84-06-14	02-05-15	25	3900	4485	4875	3700
7,82 Warbird	FI	00-02-15	02-05-15	25	4600	5290	5750	6760
7,92 x 33 kurz	DE	84-06-14	02-05-15	25	3400	3910	4250	1770

(suite)

PTmax = maximum average pressure (bar)

PTcmax = maximum average pressure „conformal“ (bar)

PK = 1,15 Pmax = maximum statistical individual pressure (bar)

PE = 1,25 Pmax = mean proof pressure (bar)

M = location of the pressure take (mm)

EE = proof kinetic energy (Joule)

Notice: For conformal or tangential transducers the location (M) is that defined by the manufacturer.

Mag. = Magnum

SEv.H. = Super Express vom Hofe

M.Sch. = Mannlicher Schönaauer

SE = Schweden

Rem. = Remington

Win. = Winchester

H.V. = High Velocity

Riml.N.E. = Rimless Nitro Express

Spring. = Springfield

Exp. = Express



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Calibres of rifled long centre fire weapons for rimless cartridges.

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Transducer method

(Suite)

Calibre	Country of origin	Date	Rev.	M	PTmax	PK	PE	EE
8 x 51 (Mauser K)	DE	84-06-14	02-05-15	25	3400	3910	4250	2635
8 x 56 M.-Sch.	AT	84-06-14	02-05-15	25	3200	3680	4000	2860
8 x 57 I	DE	84-06-14	02-05-15	25	3800	4370	4750	3950
8 x 57 IS	DE	84-06-14	02-05-15	25	3900	4485	4875	4300
8 x 60	DE	84-06-14	02-05-15	25	4050	4658	5060	3900
8 x 60 S	DE	84-06-14	02-05-15	25	4050	4658	5060	4285
8 x 64	DE	84-06-14	02-05-15	25	4050	4658	5060	4375
8 x 64 S	DE	84-06-14	02-05-15	25	4050	4658	5060	4595
8 x 68 S	DE	84-06-14	02-05-15	25	4400	5060	5500	5975
8 x 75 S	DE	84-06-14	02-05-15	25	4400	5060	5500	4750
8,5 x 63	DE	92-02-27	02-05-15	25	4300	4945	5375	5540
9 x 56 M.-Sch.	AT	95-06-28	02-05-15	25	2080	2392	2600	2815
9 x 57	DE	84-06-14	02-05-15	25	2800	3220	3500	3650
9,3 x 62	DE	84-06-14	02-05-15	25	3900	4485	4875	5335
9,3 x 64 Brenneke	DE	84-06-14	02-05-15	25	4400	5060	5500	5335
9,3 x 66 Sako	FI	02-01-22	02-05-15	25	4150	4773	5188	6000
9,5 x 57 M.-Sch.	AT	95-06-28	02-05-15	25	3050	3508	3810	6065
9,5 x 66 SE v. H.	DE	96-05-24	02-05-15	25	4400	5060	5500	6080
376 Steyr	AT	99-01-20	02-05-15	25	4300	4945	5375	5200
10,75 x 68	DE	84-06-14	02-05-15	25	3300	3795	4125	5040
12,7 x 70 (500 Schüler)	DE	98-01-27	02-05-15	25	3300	3795	4125	9240
17 Libra	CZ	01-01-22	02-05-15	17,5	4300	4945	5375	1050
17 Rem.	US	84-06-14	02-05-15	25	4250	4888	5310	1290
215	DE	92-02-27	02-05-15	25	3800	4370	4750	1505
22 PPC-USA	FI	89-04-18	02-05-15	17,5	4050	4658	5060	1935
22-250 Rem.	US	84-06-14	02-05-15	25	4050	4658	5060	2370
220 Swift	US	84-06-14	02-05-15	25	4300	4945	5375	2380
222 Rem.	US	84-06-14	02-05-15	25	3700	4255	4625	1810
222 Rem.Mag.	US	84-06-14	02-05-15	25	4050	4658	5060	1820
223 Rem.	US	84-06-14	02-05-15	25	4300	4945	5375	1825
243 Win.	US	84-06-14	02-05-15	25	4150	4773	5190	2890
6 mm PPC	US	84-06-14	02-05-15	17,5	4050	4658	5060	2250
6 mm PPC-USA	FI	89-04-18	02-05-15	17,5	4050	4658	5060	2020

(suite)

PTmax = maximum average pressure (bar)
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PK = 1,15 Pmax = maximum statistical individual pressure (bar)
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M = location of the pressure take (mm)
EE = proof kinetic energy (Joule)

Notice: For conformal or tangential transducers the location (M) is that defined by the manufacturer.

Mag.	= Magnum	Win.	= Winchester
SEv.H.	= Super Express vom Hofe	H.V.	= High Velocity
M.Sch.	= Männlicher Schönaauer	Riml.N.E.	= Rimless Nitro Express
SE	= Schweden	Spring.	= Springfield
Rem.	= Remington	Exp.	= Express



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Transducer method

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Calibre	Country of origin	Date	Rev.	M	PTmax	PK	PE	EE
6 mm Rem. (244 Rem.)	US	84-06-14	02-05-15	25	4300	4945	5375	3180
6 mm B.R. Rem.	US	94-03-01	02-05-15	17,5	4050	4658	5060	2525
25 Rem.	US	84-06-14	02-05-15	25	2450	2817	3063	1995
25-06 Rem.	US	84-06-14	02-05-15	25	4500	5175	5625	3340
250 Savage	US	84-06-14	02-05-15	25	3650	4198	4560	2900
256 Mag. Gibbs	GB	84-06-14	02-05-15	25	3400	3910	4250	2645
257 Roberts	US	84-06-14	02-05-15	25	3550	4083	4440	2850
260 Rem.	US	98-02-09	02-05-15	25	4150	4773	5190	2770
264 Leroy N.E.	DE	94-03-01	02-05-15	25	4400	5060	5500	3675
270 Win.	US	84-06-14	02-05-15	25	4300	4945	5375	3840
270 Win. Short Mag.	US	02-01-22	02-05-15	25	4450	5118	5563	4725
275 H.V. Rigby	GB	84-06-14	02-05-15	25	3200	3680	4000	2720
277 GS	IT	96-11-26	02-05-15	25	4600	5290	5750	4883
7 mm - 08 Rem.	US	84-06-14	02-05-15	25	4150	4773	5190	3720
280 Rem.	US	84-06-14	02-05-15	25	4050	4658	5060	3930
7 mm B.R. Rem.	US	94-03-01	02-05-15	17,5	4050	4658	5060	3150
7 mm Exp. Rem.	US	84-06-14	02-05-15	25	4050	4658	5060	3930
280 Riml. N.E. Ross	GB	84-06-14	02-05-15	25	3250	3738	4060	4440
284 Win.	US	84-06-14	02-05-15	25	4400	5060	5500	3625
6,5 - 284 Norma	SE	00-02-15	02-05-15	25	4100	4715	5125	3200
30 Court	DE	91-05-17	02-05-15	17,5	3650	4198	4560	1470
30 Carbine	US	84-06-14	02-05-15	17,5	3200	3680	4000	1375
30 Rem.	US	84-06-14	02-05-15	25	2800	3220	3500	2745
30-06 Court Cartry	FR	95-12-10	02-05-15	25	3500	4025	4375	3800
30-06 Spring.	US	84-06-14	02-05-15	25	4050	4658	5060	4335
30-284 Win.	US	98-02-09	02-05-15	25	3800	4370	4750	4300
300 Lapua Mag.	FI	89-10-06	02-05-15	25	4700	5405	5875	5220
300 Rem. Ultra Mag.	US	98-11-03	02-05-15	25	4480	5152	5600	5985
300 Savage	US	84-06-14	02-05-15	25	3650	4198	4560	3525
300 Win. Short Mag.	US	02-01-22	02-05-15	25	4450	5118	5563	5250
308 EH	FR	89-09-20	02-05-15	25	3800	4370	4750	3920
308 Win.	US	84-06-14	02-05-15	25	4150	4773	5190	3920
318 Riml. N.E.	GB	84-06-14	02-05-15	25	3300	3795	4125	4550

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32 Rem.	US	84-06-14	02-05-15	25	2950	3393	3690	2435
333 Riml. N.E.	GB	84-06-14	02-05-15	25	3300	3795	4125	4320
338 Lapua Mag.	FI	89-09-09	02-05-15	25	4700	5405	5875	6600
338 Rem. Ultra Mag.	US	00-10-20	02-05-15	25	4400	5060	5500	6090
338 Win. Short Mag.	US	02-01-22	02-05-15	25	4150	4773	5188	4935
35 Rem.	US	84-06-14	02-05-15	25	2750	3163	3440	2655
35 Whelen	US	94-03-01	02-05-15	25	4000	4600	5000	4560
350 Mag. Rigby	GB	84-06-14	02-05-15	25	3100	3565	3875	4810
358 Win.	US	84-06-14	02-05-15	25	4050	4658	5060	4270
375 Rem. Ultra Mag.	US	02-01-22	02-05-15	25	4400	5064	5500	7350
404 Riml. N.E.	GB	84-06-14	02-05-15	25	3650	4198	4560	6815
416 Rigby	GB	84-06-14	02-05-15	25	3250	3738	4060	7270
450 Rigby	GB	00-02-15	02-05-15	25	4000	4600	5000	8715
50 Browning	US	95-05-31	02-05-15	25	3700	4255	4625	1704
500 Jeffery	GB	99-01-12	02-05-15	25	3300	3795	4125	9660
505 Mag. Gibbs	GB	84-06-14	02-05-15	25	2700	3105	3375	7040

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