

# BMW

Application	Engine	Cyl		Years	Set Number		Line No
	Model	Bore	CC		Chrome	Plain	
114	N13B16A	77.00	1598	2011	S5389 <sup>+</sup>		2
116	N13B16A	77.00	1598	2010	S5389 <sup>+</sup>		2
118	N13B16A	77.00	1598	2010	S5389 <sup>+</sup>		2
1600, 1600-2, 1600ti	114	84.00	1573	64-77	C1383	P1383	24
1800, 1800CS, 1800ti	118	84.00	1773	64-68	C1348	P1348	23
1800, 1800CS, 1800ti	118	84.00	1773	69-71	C1383	P1383	25
2000, A, CA, Ti, Ti-Lux, CS	121	89.00	1990	65-72		P1314	42
2002, A, tii	M10	89.00	1990	68-76	C1324	P1324	46
2500	M30B25V	86.00	2494	68-81	C1325	P1325	35
2800, 2800CS	M30B28E3	86.00	2788	76-79	C1325	P1325	36
316	N13B16A	77.00	1598	2012	S5389 <sup>+</sup>		2
316i	M43B16	84.00	1596	87-93	C5091	P5091	29
316ti Compact (4 Cyl.)	N42B18A	84.00	1795	91-On	S5266 <sup>+</sup>		13
318, 318is, 318ti, E36	M43B19, M44B19	85.00	1895	1996	S5166 <sup>+</sup>		32
318g/i	M42B18ME	84.00	1796	87-91	C5091	P5091	30
318i	M40B18	84.00	1795	87-90	C1764	P1764	27
318i	121	89.00	1766	1985	C1324	P1324	43
318is (4 Cyl.)	M44B19	84.00	1900	1996	S5266 <sup>+</sup>		14
320	N13B16A	77.00	1598	2012	S5389 <sup>+</sup>		2
320/6	M20B20	80.00	1990	77-82	C1745	P1745	5
320i	M20B20L	80.00	1990	82-91	C1745	P1745	5
320i	121	89.00	1990	65-79	C1324	P1324	44
320i	121	89.00	1766	65-83	C1324	P1324	45
320i Convertible, Coupe, Touring	M54226S1	80.00	2171	00-05	S5598 <sup>+N</sup>		4
320i Convertible, Coupe, Touring	M54 B22	80.00	2171	00-05	S5598 <sup>+N</sup>		4
323i	M20B23L	80.00	2315	82-86	C1745	P1745	6
323i	M20B23K	80.00	2315	78-82	C1745	P1745	8
323i, 323i Compact	M52B25	84.00	2494	1995	C5144		11
325e	M20B27	84.00	2693	84-88	C1580	P1580	26
325i	M50B25	84.00	2494	92-95	C5144		9
325i	M20B25	84.00	2494	83-91	C1765	P1765	28
325i/Ci/ti/xi (6 Cyl.)	M54B25	84.00	2495	01-06	S5266 <sup>+</sup>		15
328i	M52B28	84.00	2793	1995	C5144		12
328i (6 Cyl.)	M52B28GG	84.00	2800	94-00	S5266 <sup>+</sup>		18
330i, 330 xi (6 Cyl.)	M54B30	84.00	2979	00-06	S5266 <sup>+</sup>		16
335i Direct injection	N54B30	84.00	2979	07-10	S5439 <sup>+</sup>		22
518g	M42B18ME	84.00	1796	95-96	C5091	P5091	30
520/6	M20B20	80.00	1990	77-81	C1745	P1745	7
520i	M54226S1	80.00	2171	03-10	S5598 <sup>+N</sup>		4
520i	M20B20K	80.00	1990	81-87	C1745	P1745	5
520i Touring (E39)	M54 B22	80.00	2171	00-04	S5598 <sup>+N</sup>		4
520i (E39)	M54 B22	80.00	2171	00-03	S5598 <sup>+N</sup>		4
520i (E60)	M54 B22	80.00	2171	03-10	S5598 <sup>+N</sup>		4
523i	M52B25	84.00	2494	1995	C5144		11
525i	M20B25	84.00	2494	85-88	C1765	P1765	28
525i (6 Cyl.)	M54B25	84.00	2495	01-04	S5266 <sup>+</sup>		17
528e	M20B27	84.00	2693	82-88	C1580	P1580	26
528i	M52B28	84.00	2793	95-00	C5144		12
528i	M30B28	86.00	2788	77-81	C1325	P1325	34
530i	M30 B32 M.E7	89.00	2986	87-92	S5560 <sup>+N</sup>		41
530i	M30B30E	89.00	2985	75-78	C1326	P1326	50
530i (6 cyl.)	M54B30	84.00	2979	00-03	S5266 <sup>+</sup>		19
533i	M30B32M	89.00	3205	82-84	C1326	P1326	49
535i, (Incl. Turbo)	M30 B34 ME	92.00	3430	84-87	C1802 <sup>+</sup>		51

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	Model	Bore	CC		Chrome	Plain	
535i, (Incl. Turbo)	M30 B34 M.45	92.00	3430	85-87	<b>C1802<sup>+</sup></b>		51
535i, (Incl. Turbo)	M30 B35 M.E	92.00	3430	1987	<b>C1802<sup>+</sup></b>		51
535i, (Incl. Turbo)	M30B35ME7	92.00	3430	87-92	<b>C1802<sup>+</sup></b>		51
535i, 535is	M30B30ME	92.00	3430	82-88	<b>C1766</b>	<b>P1766</b>	54
540i	M62B44	92.00	4398	96-04	<b>S5293<sup>+</sup></b>		52
545 i	N62 B44	92.00	4398	03-10	<b>S5433<sup>+</sup></b>		53
545 i Touring	N62 B44	92.00	4398	02-05	<b>S5433<sup>+</sup></b>		53
550i	N62B48	84.00	4799	05-10	<b>S5428<sup>+</sup></b>		21
550i Sedan & Touring	N62B48	93.00	4799	05-10	<b>S5462<sup>+</sup></b>		57
600		74.00	585	57-59		<b>P1041<sup>A</sup></b>	1
630CSi	M30B32	89.00	2985	76-78	<b>C1326</b>	<b>P1326</b>	48
633CSi	M30B32L	89.00	3210	79-84	<b>C1326</b>	<b>P1326</b>	47
635CSi	M30B35ME7	92.00	3430	82-89	<b>C1766</b>	<b>P1766</b>	56
635CSi	M20B35	93.40	3453	83-86	<b>C1800</b>	<b>P1800</b>	60
635CSi (Incl. Turbo)	M30 B34 ME	92.00	3430	82-87	<b>C1802<sup>+</sup></b>		51
635CSi (Incl. Turbo)	M30 B34 M.45	92.00	3430	85-87	<b>C1802<sup>+</sup></b>		51
635CSi (Incl. Turbo)	M30 B35 M.E	92.00	3430	87-89	<b>C1802<sup>+</sup></b>		51
635CSi (Incl. Turbo)	M30 B35 M.E7	92.00	3430	87-89	<b>C1802<sup>+</sup></b>		51
645 Ci	N62 B44	92.00	4398	02-05	<b>S5433<sup>+</sup></b>		53
650i	N62B48	84.00	4799	05-10	<b>S5428<sup>+</sup></b>		21
650i Coupe & Convertible	N62B48	93.00	4799	05-10	<b>S5462<sup>+</sup></b>		57
700	107	78.00	692	59-65	<b>C1111<sup>A</sup></b>	<b>P1111<sup>A</sup></b>	3
728i	M52B28	84.00	2793	95-01	<b>C5144</b>		12
730i	M30 B30 M.E7	89.00	2986	86-88	<b>S5560<sup>+N</sup></b>		39
730i (8 cyl.)	M60B30	84.00	2979	92-93	<b>S5266<sup>+</sup></b>		16
733i	M30B32L	89.00	3210	77-86	<b>C1326</b>	<b>P1326</b>	47
735i	M30B35ME7	92.00	3430	82-88	<b>C1766</b>	<b>P1766</b>	56
735i	M30B35	93.40	3453	83-86	<b>C1800</b>	<b>P1800</b>	60
735i (Incl. Turbo)	M30 B34 ME	92.00	3430	84-86	<b>C1802<sup>+</sup></b>		51
735i (Incl. Turbo)	M30 B34 M.45	92.00	3430	85-86	<b>C1802<sup>+</sup></b>		51
735i (Incl. Turbo)	M30 B35 M.E7	92.00	3430	86-92	<b>C1802<sup>+</sup></b>		51
735i (Incl. Turbo)	M30 B35 M.E	92.00	3430	86-94	<b>C1802<sup>+</sup></b>		51
740i, 740iL	M62B44	92.00	4398	96-01	<b>S5293<sup>+</sup></b>		52
745 LiS (European)	N62 B44	92.00	4398	02-08	<b>S5433<sup>+</sup></b>		53
745 i, Li	N62 B44	92.00	4398	00-05	<b>S5433<sup>+</sup></b>		53
745i (Incl. Turbo)	M30B35ME7	92.00	3430	83-86	<b>C1802<sup>+</sup></b>		51
745i (Turbo)	M30 B32 LA	89.00	3210	79-83	<b>S5560<sup>+N</sup></b>		40
750i/Li	N62B48	84.00	4799	05-08	<b>S5428<sup>+</sup></b>		21
750i/Li	N62B48	93.00	4799	05-08	<b>S5462<sup>+</sup></b>		57
750i/iL (12 cyl.) (requires 3 sets)	M73B54	85.00	5379	94-98	<b>S5166<sup>+</sup></b>		31
840Ci	M62B44	92.00	4398	96-99	<b>S5293<sup>+</sup></b>		52
850Ci (12 cyl.) (requires 3 sets)	M73B54	85.00	5379	94-99	<b>S5166<sup>+</sup></b>		31
Bavaria	128	86.00	2788	69-71	<b>C1325</b>	<b>P1325</b>	36
Bavaria, CS, S, Si	M30B30	89.00	2985	72-76	<b>C1326</b>	<b>P1326</b>	48
E46 M3	S54B32	87.00	3246	01-06	<b>S5365</b>		38
Isetta		74.00	585	57-61		<b>P1041<sup>A</sup></b>	1
L6, L7	M30B35ME7	92.00	3453	87-88	<b>C1766</b>	<b>P1766</b>	55
M3	S52B32	86.40	3201	96-99	<b>S5073<sup>+</sup></b>		37
M3	S14	93.40	2302	85-89	<b>C5269</b>		58
M3	S14	93.40	2000	85-89	<b>C5269</b>		59
M3 (24V) USA	S50B30	86.00	2990	1995	<b>S5072<sup>+</sup></b>		33
M3 (Euro)	S50B32	86.40	3201	95-98	<b>S5073<sup>+</sup></b>		37
M5	M30B35ME7	92.00	3430	82-88	<b>C1766</b>	<b>P1766</b>	56
M5	M30B35	93.40	3453	83-86	<b>C1800</b>	<b>P1800</b>	60

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	Model	Bore	CC	Years	Chrome	Plain	
X3 (6 Cyl.)	M54B30	84.00	2979	04-06	S5266 <sup>+</sup>		19
X3 (6 Cyl.)	M54B25	84.00	2495	04-06	S5266 <sup>+</sup>		20
X5	N62B48	84.00	4799	03-10	S5428 <sup>+</sup>		21
X5	M62B44	92.00	4398	00-03	S5293 <sup>+</sup>		52
X5	N62 B44	92.00	4398	03-06	S5433 <sup>+</sup>		53
X5	N62B48	93.00	4799	03-06	S5462 <sup>+</sup>		57
X5	N62B48	93.00	4799	07-10	S5462 <sup>+</sup>		57
X5 (6 Cyl.)	M54B30	84.00	2979	01-06	S5266 <sup>+</sup>		16
Z3	M54226S1	80.00	2171	00-03	S5598 <sup>+N</sup>		4
Z3	M54 B22	80.00	2171	00-03	S5598 <sup>+N</sup>		4
Z3	M52B28	84.00	2793	1995	C5144		10
Z3	M43B18	84.00	1796	95-98	C5091	P5091	30
Z3	M43B19	85.00	1895	1995	S5166 <sup>+</sup>		32
Z3 (6 Cyl.)	M54B30	84.00	2979	00-02	S5266 <sup>+</sup>		16
Z3 (6 Cyl.)	M54B25	84.00	2495	01-02	S5266 <sup>+</sup>		20
Z3 M	S50B32	86.40	3201	97-01	S5073 <sup>+</sup>		37
Z4	M54226S1	80.00	2171	00-03	S5598 <sup>+N</sup>		4
Z4	M54 B22	80.00	2171	03-On	S5598 <sup>+N</sup>		4
Z4 (6 Cyl.)	M54B30	84.00	2979	03-06	S5266 <sup>+</sup>		19
Z4 (6 Cyl.)	M54B25	84.00	2495	04-06	S5266 <sup>+</sup>		20

Line No	Application	CC	Set No	Cyl	Bore Diameter		Ring Size	
					Inch	MM	Comp	Oil
1	600 Isetta	(.6L) 585	P1041 <sup>A</sup>	2	2.913	74.00	2 - 2.00 2 - 2.50	2 - 4.00
2	320 114 116 118 316	(1.6L) 1598	S5389 <sup>+</sup>	4	3.031	77.00	4 - 1.20 4 - 1.50	4 - 2.00
3	700	(.7L) 692	P1111 <sup>A</sup> C1111 <sup>A</sup>	2	3.071	78.00	2 - 2.00 2 - 2.50	2 - 4.00
4	320i Convertible, Coupe, Touring 520i Z3 Z4 520i (E39) 520i (E60) 520i Touring (E39) Z3 Z4	(2.2L) 2171	S5598 <sup>+N</sup>	6	3.150	80.00	6 - 1.20 6 - 1.50	6 - 2.00
5	320/6 320i 520i	(2.0L) 1990	P1745 C1745	6	3.150	80.00	6 - 1.50 6 - 2.00	6 - 3.50
6	323i	(2.3L) 2315	P1745 C1745	6	3.150	80.00	6 - 1.50 6 - 2.00	6 - 3.50
7	520/6	(2.0L) 1990	P1745 C1745	6	3.150	80.00	6 - 1.50 6 - 2.00	6 - 3.50
8	323i	(2.3L) 2315	P1745 C1745	6	3.150	80.00	6 - 1.50 6 - 2.00	6 - 3.50
9	325i	(2.5L) 2494	C5144	6	3.307	84.00	6 - 1.50 6 - 1.50	6 - 2.00
10	Z3	(2.8L) 2793	C5144	6	3.307	84.00	6 - 1.50 6 - 1.50	6 - 2.00

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					Inch	MM	Comp	Oil	
11	323i, 323i Compact 523i	(2.5L)	2494	<b>C5144</b>	6	3.307	84.00	6 - 1.50 6 - 1.50	6 - 2.00
12	328i 528i 728i	(2.8L)	2793	<b>C5144</b>	6	3.307	84.00	6 - 1.50 6 - 1.50	6 - 2.00
13	316ti Compact (4 Cyl.)	(1.8L)	1795	<b>S5266</b> <sup>+</sup>	2	3.307	84.00	2 - 1.20 2 - 1.50	2 - 2.00
14	318is (4 Cyl.)	(1.9L)	1900	<b>S5266</b> <sup>+</sup>	2	3.307	84.00	2 - 1.20 2 - 1.50	2 - 2.00
15	325i/Ci/ti/xi (6 Cyl.)	(2.5L)	2495	<b>S5266</b> <sup>+</sup>	2	3.307	84.00	2 - 1.20 2 - 1.50	2 - 2.00
16	730i (8 cyl.) 330i, 330 xi (6 Cyl.) X5 (6 Cyl.) Z3 (6 Cyl.)	(3.0L)	2979	<b>S5266</b> <sup>+</sup>	2	3.307	84.00	2 - 1.20 2 - 1.50	2 - 2.00
17	525i (6 Cyl.)	(2.5L)	2495	<b>S5266</b> <sup>+</sup>	2	3.307	84.00	2 - 1.20 2 - 1.50	2 - 2.00
18	328i (6 Cyl.)	(2.8L)	2800	<b>S5266</b> <sup>+</sup>	2	3.307	84.00	2 - 1.20 2 - 1.50	2 - 2.00
19	530i (6 cyl.) Z4 (6 Cyl.) X3 (6 Cyl.)	(3.0L)	2979	<b>S5266</b> <sup>+</sup>	2	3.307	84.00	2 - 1.20 2 - 1.50	2 - 2.00
20	Z3 (6 Cyl.) X3 (6 Cyl.) Z4 (6 Cyl.)	(2.5L)	2495	<b>S5266</b> <sup>+</sup>	2	3.307	84.00	2 - 1.20 2 - 1.50	2 - 2.00
21	750i/Li X5 550i 650i	(4.8L)	4799	<b>S5428</b> <sup>+</sup>	8	3.307	84.00	8 - 1.20 8 - 1.50	8 - 2.00
22	335i Direct injection	(3.0L)	2979	<b>S5439</b> <sup>+</sup>	6	3.307	84.00	6 - 1.50 6 - 1.50	6 - 2.50
23	1800, 1800CS, 1800ti	(1.8L)	1773	<b>P1348</b> <b>C1348</b>	4	3.307	84.00	4 - 2.00 4 - 2.50	4 - 5.00
24	1600, 1600-2, 1600ti	(1.6L)	1573	<b>P1383</b> <b>C1383</b>	4	3.307	84.00	4 - 1.75 4 - 2.00	4 - 4.00
25	1800, 1800CS, 1800ti	(1.8L)	1773	<b>P1383</b> <b>C1383</b>	4	3.307	84.00	4 - 1.75 4 - 2.00	4 - 4.00
26	325e 528e	(2.7L)	2693	<b>P1580</b> <b>C1580</b>	6	3.307	84.00	6 - 1.50 6 - 2.00	6 - 4.00
27	318i	(1.8L)	1795	<b>P1764</b> <b>C1764</b>	4	3.307	84.00	4 - 1.50 4 - 1.75	4 - 3.00
28	325i 525i	(2.5L)	2494	<b>P1765</b> <b>C1765</b>	6	3.307	84.00	6 - 1.50 6 - 1.75	6 - 3.00
29	316i	(1.6L)	1596	<b>P5091</b> <b>C5091</b>	4	3.307	84.00	4 - 1.50 4 - 1.50	4 - 2.00
30	518g Z3 318g/i	(1.8L)	1796	<b>P5091</b> <b>C5091</b>	4	3.307	84.00	4 - 1.50 4 - 1.50	4 - 2.00
31	850Ci (12 cyl.) (requires 3 sets) 750i/iL (12 cyl.) (requires 3 sets)	(5.4L)	5379	<b>S5166</b> <sup>+</sup>	4	3.346	85.00	4 - 1.20 4 - 1.50	4 - 2.00
32	Z3 318, 318is, 318ti, E36	(1.9L)	1895	<b>S5166</b> <sup>+</sup>	4	3.346	85.00	4 - 1.20 4 - 1.50	4 - 2.00
33	M3 (24V) USA	(3.0L)	2990	<b>S5072</b> <sup>+</sup>	6	3.386	86.00	6 - 1.20 6 - 1.50	6 - 2.00

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					Inch	MM	Comp	Oil	
34	528i	(2.8L)	2788	P1325 C1325	6	3.386	86.00	6 - 1.75 6 - 2.00	6 - 4.00
35	2500	(2.5L)	2494	P1325 C1325	6	3.386	86.00	6 - 1.75 6 - 2.00	6 - 4.00
36	Bavaria 2800, 2800CS	(2.8L)	2788	P1325 C1325	6	3.386	86.00	6 - 1.75 6 - 2.00	6 - 4.00
37	M3 (Euro) Z3 M M3	(3.2L)	3201	S5073 <sup>+</sup>	6	3.402	86.40	6 - 1.20 6 - 1.50	6 - 2.00
38	E46 M3	(3.2L)	3246	S5365	6	3.425	87.00	6 - 1.20 6 - 1.50	6 - 2.00
39	730i	(3.0L)	2986	S5560 <sup>+N</sup>	6	3.504	89.00	6 - 1.50 6 - 2.00	6 - 3.50
40	745i (Turbo)	(3.2L)	3210	S5560 <sup>+N</sup>	6	3.504	89.00	6 - 1.50 6 - 2.00	6 - 3.50
41	530i	(3.0L)	2986	S5560 <sup>+N</sup>	6	3.504	89.00	6 - 1.50 6 - 2.00	6 - 3.50
42	2000, A, CA, Ti, Ti-Lux, CS	(2.0L)	1990	P1314	4	3.504	89.00	4 - 2.00 4 - 2.50	4 - 5.00
43	318i	(1.8L)	1766	P1324 C1324	4	3.504	89.00	4 - 1.75 4 - 2.00	4 - 4.00
44	320i	(2.0L)	1990	P1324 C1324	4	3.504	89.00	4 - 1.75 4 - 2.00	4 - 4.00
45	320i	(1.8L)	1766	P1324 C1324	4	3.504	89.00	4 - 1.75 4 - 2.00	4 - 4.00
46	2002, A, tii	(2.0L)	1990	P1324 C1324	4	3.504	89.00	4 - 1.75 4 - 2.00	4 - 4.00
47	633CSi 733i	(3.2L)	3210	P1326 C1326	6	3.504	89.00	6 - 1.75 6 - 2.00	6 - 4.00
48	630CSi Bavaria, CS, S, Si	(3.0L)	2985	P1326 C1326	6	3.504	89.00	6 - 1.75 6 - 2.00	6 - 4.00
49	533i	(3.2L)	3205	P1326 C1326	6	3.504	89.00	6 - 1.75 6 - 2.00	6 - 4.00
50	530i	(3.0L)	2985	P1326 C1326	6	3.504	89.00	6 - 1.75 6 - 2.00	6 - 4.00
51	745i (Incl. Turbo) 535i, (Incl. Turbo) 535i, (Incl. Turbo) 635CSi (Incl. Turbo) 735i (Incl. Turbo)	(3.4L)	3430	C1802 <sup>+</sup>	6	3.622	92.00	6 - 1.50 6 - 2.00	6 - 3.50
52	X5 540i 740i, 740iL 840Ci	(4.4L)	4398	S5293 <sup>+</sup>	8	3.622	92.00	8 - 1.50 8 - 1.50	8 - 2.00
53	X5 545 i 545 i Touring 645 Ci 745 i, Li 745 LiS (European)	(4.4L)	4398	S5433 <sup>+</sup>	8	3.622	92.00	8 - 1.20 8 - 1.50	8 - 2.00
54	535i, 535is	(3.5L)	3430	P1766 C1766	6	3.622	92.00	6 - 1.50 6 - 2.00	6 - 3.50
55	L6, L7	(3.5L)	3453	P1766 C1766	6	3.622	92.00	6 - 1.50 6 - 2.00	6 - 3.50

+ = Contains Ductile Or Steel Ring(s) N = New Number A = Standard Only FK = Full Keystone HK = 1/2 Keystone

# BMW

Line No	Application		CC	Set No	Cyl	Bore Diameter		Ring Size	
						Inch	MM	Comp	Oil
56	M5 635CSi 735i	(3.4L)	3430	<b>P1766</b> <b>C1766</b>	6	3.622	92.00	6 - 1.50 6 - 2.00	6 - 3.50
57	X5 550i Sedan & Touring 650i Coupe & Convertible 750i/Li X5	(4.8L)	4799	<b>S5462</b> *	8	3.661	93.00	8 - 1.20 8 - 1.50	8 - 2.00
58	M3	(2.3L)	2302	<b>C5269</b>	4	3.677	93.40	1 - 1.50 1 - 1.50	1 - 3.00
59	M3	(2.0L)	2000	<b>C5269</b>	4	3.677	93.40	1 - 1.50 1 - 1.50	1 - 3.00
60	635CSi 735i M5	(3.5L)	3453	<b>P1800</b> <b>C1800</b>	6	3.677	93.40	6 - 1.50 6 - 1.50	6 - 3.00

+ = Contains Ductile Or Steel Ring(s) N = New Number A = Standard Only FK = Full Keystone HK = 1/2 Keystone