



HONDA / ACURA / ALFA ROMEO / BMW

ALFA ROMEO Series

Alfa AR3055 - 33 • 1.7L 4V • Standard Compression															
Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
KE231M87	87.00 / 3.425	Std.	2.843 72.2mm	5.119 130mm	1.378 35mm	36.5	FT	0.054 1.37mm	.024 .60mm	7.941 201.7mm	10.0	S624 21mm - .827 x 2.500	8700XX	387	1
KE231M875	87.50 / 3.445	0.020									10.0		8750XX	392	
KE231M88	88.00 / 3.465	0.040									10.0		8800XX	398	
Alfa 105 "Nord" 2.0L 8V • High Compression															
Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
KE234M845	84.00 / 3.307	0.020	3.484	6.181	1.309	76.9	42.4cc	0.069	.048	9.280	10.5	S566 21mm - .866 x 2.500	8400XX	409	
KE234M845	84.50 / 3.327	0.040	88.5mm	157mm	33.25mm			1.74mm	1.2mm	235.7mm		7700XX	8450XX	414	1, D

BMW / MINI Series

BMW Mini Cooper S 2002-2006 Tritec 1.6L 16V Supercharged															
Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
K618M77	77.00 / 3.031	Std.	3.778	5.177	1.043	33.0	FT	0.030	.158	8.267	8.5	S624 21mm - .827 x 2.500	7700XX	246	1, D
K618M775	77.50 / 3.051	0.020	85.8mm	131.5mm	26.5mm			.076mm	4.0mm	210mm	8.5	7750XX	250		

BMW

BMW S14B23 • 2.3L 16V • Turbo															
Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
KE113M94	94.00 / 3.701	0.024	3.307	5.669	1.260	42.0	-21cc	0.072	.020	217.5	8.0	S722 22mm - .866 x 2.362	9400XX	396	1
KE113M945	94.50 / 3.720	0.043	84mm	144mm	32mm			1.82mm	0.50mm			9450XX	381		
High Compression (OEM CR is 10.5:1)															
KE112M94	94.00 / 3.701	0.024	3.307	5.669	1.260	42.0	-4cc	0.072	.020	217.5	12.0	S566 22mm - .866 x 2.500	9400XX	391	1
KE112M945	94.50 / 3.720	0.043	84mm	144mm	32mm		FT	1.82mm	0.50mm			9450XX	398		
87mm B25 Stroker Turbo															
KE110M94	94.00 / 3.701	0.024	3.425	5.669	1.190	42.0	-38cc	0.072	.020	217.5	8.0	S722 22mm - .866 x 2.362	9400XX	352	1, C
KE110M945	94.50 / 3.720	0.043	87mm	144mm	30.22mm			1.82mm	0.50mm			9450XX	358		
87mm B25 Stroker High Compression															
KE111M94	94.00 / 3.701	0.024	3.425	5.669	1.190	42.0	-5cc	0.072	.020	217.5	12.0	S722 22mm - .866 x 2.362	9400XX	334	1, C
KE111M945	94.50 / 3.720	0.043	87mm	144mm	30.22mm			1.82mm	0.50mm			9450XX	339		
BMW M50B25 • 2.5L 24V • Turbo															
Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
KE115M84	84.00 / 3.307	Std.	2.953 75mm	5.315 135mm	1.504 38.2mm	34.0	-13.5cc	0.069 1.75mm	+.020 +.50mm	8.268 210mm	8.8	S722 22mm - .866 x 2.362	8400XX	345	1
KE115M845	84.50 / 3.327	0.020											8450XX	353	
KE115M85	85.00 / 3.346	0.040											8500XX	362	
High Compression (OEM CR is 10.0:1)															
KE114M84	84.00 / 3.307	Std.	2.953 75mm	5.315 135mm	1.504 38.2mm	34.0	-1.5cc	0.069 1.75mm	+.020 +.50mm	8.268 210mm	11.0	S655 22mm - .866 x 2.250	8400XX	332	1
KE114M845	84.50 / 3.327	0.020											8450XX	338	
KE114M85	85.00 / 3.346	0.040											8500XX	344	
Optional K1 Rod for M50B25 Series: Part # 005AX17135															
BMW M52B25 • Single Vanos 2.5L 24V • Turbo															
Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
KE118M84	84.00 / 3.307	Std.	2.953 75mm	5.512 140mm	1.287 32.7mm	36.0	-5cc	0.069 1.75mm	.023 .58mm	8.299 210.8mm	8.8	S625 22mm - .866 x 2.500	8400XX	287	1
KE118M845	84.50 / 3.327	0.020											8450XX	293	
KE118M85	85.00 / 3.346	0.040											8500XX	301	

Optional K1 Rod for M50B25 Series: Part # 005AX17135

BMW

BMW

BMW M52B28 • 2.8L 24V • Turbo

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
KE119M84	84.00 / 3.307	Std.	3.307 84mm	5.315 135mm	1.252 31.8mm	35.0	-23cc	0.069 1.75mm	.079 2.0mm	8.299 210.8mm	8.0	S625 22mm - .866 x 2.500	8400XX	287	1
KE119M845	84.50 / 3.327	0.020											8450XX	293	
KE119M85	85.00 / 3.346	0.040											8500XX	301	

Optional K1 Rod for M50B25 Series: Part # 005AX17135

BMW M50B30 / S50B30 • 3.0L 24V • Turbo (EURO 21MM PIN)

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
KE121M86	86.00 / 3.386	Std.	3.378	5.602	1.244	32.0	-10cc	0.069	.028	8.563	10.0	S721 21mm - .827 x 2.362	8600XX	337	1
KE121M865	86.50 / 3.405	0.020	85.8mm	142.3mm	31.6mm	32.0	-10cc	1.74mm	.70mm	217.5mm	10.0	.827 x 2.362	8650XX	344	

High Compression (OEM CR is 10.8:1)

KE321M86	86.00 / 3.386	Std.	3.378	5.602	1.244	32.0	3cc	0.069	.028	8.563	13.0	S561 21mm - .827 x 2.002	8600XX	341	1
KE321M865	86.50 / 3.405	0.020	85.8mm	142.3mm	31.6mm	32.0	3cc	1.74mm	.70mm	217.5mm	13.0	.827 x 2.002	8650XX	347	

BMW S50B32 • 3.2L 24V2 • Turbo (EURO 21MM PIN)

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
KE123M865	86.50 / 3.405	0.024	3.583 91mm	5.472	1.268	34.0	-29cc	0.069	.028	8.504	8.8	S721 21mm - .827 x 2.362	8650XX	331	1
KE123M87	87.00 / 3.425	0.043		139mm	32.2mm	34.0	-29cc	1.75mm	.70mm	216mm	8.8	.827 x 2.362	8700XX	340	

Standard Compression

KE122M865	86.50 / 3.405	0.024	3.583 91mm	5.472	1.268	34.0	-11.8cc	0.069	.028	8.504	11.3	S750 21mm - .827 x 2.362	8650XX	337	1
KE122M87	87.00 / 3.425	0.043		139mm	32.2mm	34.0	-11.8cc	1.75mm	.70mm	216mm	11.3	.827 x 2.362	8700XX	346	

BMW S54B32 • 3.2L 24V • Turbo

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
KE127M87	87.00 / 3.425	Std.	3.583 91mm	5.472	1.260	33.0	-27cc	.025	.020	8.543	8.8	S709 21mm - .827 x 2.500	8700XX	353	1
KE127M875	87.50 / 3.445	0.020		139mm	32mm	33.0	-27cc	.64mm	.50mm	217mm	8.8	.827 x 2.500	8750XX	360	

Standard Compression

KE126M87	87.00 / 3.425	Std.	3.583 91mm	5.472 139mm	1.260 32mm	33.0	-14cc	.025 .64mm	.020 .50mm	8.543 217mm	11.3	S709 21mm - .827 x 2.500	8700XX	370	1
KE126M8725	87.25 / 3.435	0.010											8725XX	367	
KE126M875	87.50 / 3.445	0.020											8750XX	376	

BMW S38B36 • 3.6L 24V • Turbo

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
KE240M94	94.00 / 3.701	0.024	3.386 86mm	5.669 144mm	1.190 30.22mm	34.0	-38cc	0.069 1.75mm	.011 .28mm	8.563 217.5mm	8.0	S722 22mm - .866 x 2.362	9400XX	384	1, B
KE240M945	94.50 / 3.720	0.043											9450XX	390	
KE240M95	95.00 / 3.740	0.063											9500XX	396	
KE241M94	94.00 / 3.701	0.024	3.386 86mm	5.669 144mm	1.190 30.22mm	34.0	-24cc	0.069 1.75mm	.011 .28mm	8.563 217.5mm	9.4	S722 22mm - .866 x 2.362	9400XX	398	1, B
KE241M945	94.50 / 3.720	0.043											9450XX	404	
KE241M95	95.00 / 3.740	0.063											9500XX	410	

High Compression (OEM CR is 10.0:1)

KE242M94	94.00 / 3.701	0.024	3.386 86mm	5.669 144mm	1.190 30.22mm	34.0	-6cc	0.069 1.75mm	.011 .28mm	8.563 217.5mm	12.0	S752 23mm - .905 x 2.362	9400XX	355	1, B
KE242M945	94.50 / 3.720	0.043											9450XX	358	
KE242M95	95.00 / 3.740	0.063											9500XX	362	
K581M875	87.50 / 3.445	Std.	3.268 83mm	5.472 139mm	1.236 31.4mm	52.0	-5cc	.040 1.0mm	.004 .1mm	8.346 212mm	10.5	S624 21mm - .827 x 2.500	8750XX	334	1, 3
K581M88	88.00 / 3.464	0.020											8800XX	341	
K581M885	88.50 / 3.484	0.040											8850XX	349	

Foot Notes (far right column)

- Most Wiseco Pistons have offset pins. (Pins must be offset, same as OEM, for quietest operation).
 - Due to compression height that may protrude above the deck, it is recommended that a 1.00mm thick head gasket is used.
 - Optional pin upgrade available.
 - Utilizes extra deep valve pockets to expand the range of I-Vtec with big cams and milled heads
 - These pistons have an oil ring groove that is lower than OE. Will not work with sleeves with access hole if the oil ring is not pinned in place.
- B - Build to order.
C - Stroker Kit for B25 stroker Crank.
D - Weight reduction possible.
E - With valve pockets online K557M Series.
G - Only with 2.5L connecting rods
H - Based on Volvo rod 23mm. Ford OEM 21mm.
- P - Piston guided rod, washer required.
Q - Oil Squirter modification required.
R - Pin 20mm, OEM = 20.65mm (13/16)