

2021 New PowerPak Kits



Cubic Inches	Bore	Stroke	Rod	Comp Height	Pin Diam.	Crown Vol	Wght G	Compression Ratio	Alloy	Clearance Guide Meas.			Part No.
										Min	Max		

SMALL BLOCK CHEVY 23° DOME Gasported / Asymmetrical Valve Pockets PowerPak Plus

1.0, 1.0, 2.0mm File Fit Performance Ring Set Included

								58cc	64cc	70cc				
433	4.150						431	15.6	14.3	13.2				197830050
435	4.160						435	15.6	14.3	13.2				197830060

BIG BLOCK FORD for the KAASE BOSS NINE® CYLINDER HEAD

1.5, 1.5, 3.0mm File Fit Performance Ring Set included

521	4.390	4.300	6.800	1.345R	0.990	-8.4cc	602	11.0		4032	0.250	0.0041	0.0049	930022790
547	4.500					-19cc	601	10.5		4032	0.250	0.0041	0.0049	197895500
545	4.390	4.500	6.700	1.345R	0.990	-8.4cc	602	11.5		4032	0.250	0.0041	0.0049	930022790
573	4.500					-19cc	601	11.0		4032	0.250	0.0041	0.0049	197895500

BIG BLOCK FORD for the SCJ, KAASE P-51 / SR-71® & AFR 14° BULLIT CYLINDER HEADS

1.5, 1.5, 3.0mm File Fit Performance Ring Set included

								72cc	80cc	84cc				
503	4.390	4.150	6.700	1.525	0.990	-28cc	537	10.4	9.7	9.4	4032	0.500	0.0041	0.0049
514	4.440						560	10.6	9.9	9.6				
528	4.500						587	10.8	10.1	9.8				
521	4.390	4.300	6.800	1.350	0.990	-38cc	506	9.9	9.3	9.1	4032	0.500	0.0041	0.0049
533	4.440						527	10.1	9.5	9.3				
547	4.500						553	10.3	9.7	9.8				
547	4.500					-5.6cc	587	13.7	12.7	12.2	2618	0.500	0.0055	0.0063
545	4.390	4.500	6.700	1.350	0.990	-38cc	506	10.3	9.7	9.5	4032	0.500	0.0041	0.0049
557	4.440						527	10.5	9.9	9.6				
573	4.500						553	10.7	10.1	9.9				
573	4.500					-5.6cc	587	14.3	13.2	12.7	2618	0.500	0.0055	0.0063

FORD 5.0L MODULAR 4-VALVE COYOTE / VOODOO (Combined Dome/Pocket Geometry)

1.2 1.2, 2.5mm File Fit Performance Ring Set included

314	3.701	3.650	5.933	1.167	0.866	-1cc	377	11.0		2618	0.250	0.0025	0.0033	930258601 *

*PowerPak Plus 2618 Alloy & Hard Anodized Top Ring Groove For Extreme Duty Applications.

HEMI 5.7L DOME - compatible with all 5.7L and 6.1L heads

1.0, 1.0, 2.0mm Performance Ring Set included

								65cc	74cc	85cc				
345	3.917	3.579	6.242	1.205	0.927	10.2cc	438	12.2	10.8	9.5	2618	0.500	0.0036	0.0044
347	3.927						442	12.2	10.8	9.5				
349	3.937						445	12.3	10.9	9.6				
350	3.947						448	12.3	10.9	9.6				

*Hard Anodized Top Ring Groove For Extreme Duty Applications

HEMI 5.7L DOME stroker - compatible with all 5.7L and 6.1L heads

1.0, 1.0, 2.0mm File Fit Performance Ring Set included

								65cc	74cc	85cc				
366	3.917	3.800	6.125	1.205	0.927	10.2cc	438	12.6	11.2	9.9	2618	0.500	0.0036	0.0044
368	3.927						442	12.7	11.3	9.9				
370	3.937						445	12.7	11.3	10.0				
372	3.947						448	12.8	11.3	10.0				

*Hard Anodized Top Ring Groove For Extreme Duty Applications

LSX COMBO DISH - valve pockets fit LS1/2/6, LS7, and LS3 / L92 style heads

1.0, 1.0, 2.0mm File Fit Performance Ring Set Included

								65cc	70cc	72cc				
415	4.000	4.125	6.125	1.050R	0.927	-20.0cc	388	10.1	9.6	9.5	2618	0.500	0.0044	0.0054
416	4.005						390	10.1	9.7	9.5				
417	4.010						392	10.2	9.7	9.5				
421	4.030						400	10.2	9.8	9.6				
428	4.065						413	10.4	9.9	9.7				
429	4.070						415	10.4	9.9	9.7				
430	4.075						417	10.4	9.9	9.8				
431	4.080						418	10.4	10.0	9.8				

Compression Heights with "R" INCLUDE Oil Support Rails

2021 New PowerPak Kits

MAHLE

Motorsport

Cubic Bore Inches	Stroke	Rod	Comp Height	Pin Diam.	Crown Vol	Wght G	Compression Ratio	Alloy	Clearance Guide			Part No.	
									Meas.	Min	Max		
ACURA K24 2.4L													
1.2, 1.2, 2.8mm Performance Ring Set Included													
CR calculated at 0.2mm below deck and 0.64mm head gasket thickness							51cc						
87.00mm	99.0mm	152.0mm	30mm	22mm	4.3cc	320	12.4	4032	0.236	0.0016	0.0024	930024125	
ACURA K24 2.4L													
1.2, 1.2, 2.8mm Performance Ring Set Included													
CR calculated at 0.2mm below deck and 0.64mm head gasket thickness							51cc						
87.00mm	99.0mm	152.0mm	30mm	22mm	-9.4cc	312	10.0	2618	0.236	0.0025	0.0033	930286225	
87.25mm						315	10.0					930286235	
87.50mm						318	10.0					930286245	
AUDI DAZA RS3 TTRS 2.5L TURBO													
1.0, 1.2, 2.8mm Performance Ring Set Included													
CR calculated at zero deck and 0.8mm head gasket thickness							45.6cc						
82.50mm	92.8mm	144mm	29.6mm	22mm	-5.0cc	322	10.0	M142P	0.250	0.0016	0.0024	197915148 *	
*PowerPak Plus 2618 Alloy & Hard Anodized Top Ring Groove For Extreme Duty Applications													
BMW S54 B32 3.2L E46 M3													
1.2, 1.2, 2.8mm Performance Ring Set Included													
CR calculated at 0.20mm below deck and 0.69mm head gasket thickness							33cc						
87.50mm	91.0mm	139mm	32.3mm	21mm	-29.0cc	334	9.1	2618	0.250	0.0020	0.0027	930000045 *	
87.25mm	91.0mm	139mm	32.3mm	21mm	-9.2cc	354	12.5	2618	0.250	0.0020	0.0027	930000135 *	
87.50mm						357	12.5					930000145 *	
*PowerPak Plus 2618 Alloy & Hard Anodized Top Ring Groove For Extreme Duty Applications													
BMW N54 B30 3.0L													
1.0, 1.2, 2.8mm Performance Ring Set Included													
CR calculated at 0.75mm above deck and 1.22mm head gasket thickness							34cc						
84.00mm	89.6mm	145.05mm	31.7mm	22mm	-17.2cc	314	10.2	2618	0.250	0.0025	0.0033	197832209 *	
84.50mm						320	10.3					197832225 *	
84.00mm					-21.5cc	308	9.5	2618	0.250	0.0025	0.0033	197841309 *	
84.50mm						314	9.6					197841325 *	
*PowerPak Plus 2618 Alloy & Hard Anodized Top Ring Groove For Extreme Duty Applications													
FORD EcoBoost 1.6L													
1.2, 1.2, 2.0mm Performance Ring Set included													
CR calculated at 0.55mm below deck and 2.5cc gasket volume							32.8cc						
79.00mm	81.4mm	134mm	28.6mm	21mm	-6cc	284	10.1	2618	0.250	0.0016	0.0023	197894710 *	
*PowerPak Plus 2618 Alloy & Hard Anodized Top Ring Groove For Extreme Duty Applications													
FORD Zetec 2.0L SCCA													
Per Regulation, requires OEM 1.5, 1.75, 3.0mm Rings (2S4Z-6148-AA), not inclu Stock													
121	3.339	3.460	5.483	1.157	0.787	-2.6cc	307	Stock	4032	0.500	0.0006	0.0014	930169439
SUBARU 2.2L STROKER													
1.2, 1.2, 2.5mm Performance Ring Set Included													
CR calculated at 0.7mm below deck and 0.6mm head gasket thickness							49cc						
92.50mm	79.0mm	130.5mm	30.3mm	23mm	-16.0cc	347	8.2	2618	0.235	0.0031	0.0039	929928142 *	
93.00mm						354	8.3					929928161 *	
*PowerPak Plus 2618 Alloy & Hard Anodized Top Ring Groove For Extreme Duty Applications													
TOYOTA 2JZ-GTE (SUPRA) 3.0L													
1.2, 1.2, 2.8mm Performance Ring Set Included													
CR calculated at zero deck and 1mm gasket thickness							46cc						
86.00mm	86.0mm	142.0mm	34.0mm	22mm	-14.2cc	329	8.6	2618	0.236	0.0031	0.0039	928989386 *	
*PowerPak Plus 2618 Alloy & Hard Anodized Top Ring Groove For Extreme Duty Applications													