

KB

HYPEREUTECTIC PISTONS



CLAIMER

PERFORMANCE PISTON SERIES

KB – Cast 390 hypereutectic alloy with fully machined crown and valve pockets. Wide range of applications from street / towing / marine / race

Claimer – Cast 390 hypereutectic alloy with “AS CAST” valve pockets for street and entry class race applications.

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LIGHT WEIGHT TOOL STEEL PINS



- Length 2.250 X. 927 Diameter / 88 Gram Part No.R -71
- Length 2.500 X. 927 Diameter / 98 Gram Part No.R -60
- Length 2.750 X. 912 Diameter / 105 Gram Part No.R -72
- Length 2.750 X. 927 Diameter / 107 Gram Part No.R -61
- Length 2.750 X. 984 Diameter / 107 Gram Part No.R -73
- Length 3.007 X. 927 Diameter / 118 Gram Part No.R -20

COMPRESSION RATIOS

KB calculates its compression ratio based on a .030 oversize zero deck, and a .040 quench. These ratios are given as a guideline. To get exact ratios you must calculate them based on exact numbers obtained from your parts. See our website www.kbpistons.com and go to Calculators for our user friendly compression calculator.

WARRANTY

KB Performance Piston products (part of J.E.&M.) are sold without warranty or guarantee of any kind. KB Performance Pistons shall not under any circumstances be liable for special, incidental or consequential damages of any kind from the purchase, installation, or use of these products. KB Performance Pistons makes no guarantee or warranty on emissions.

HEAD DESIGN

This section will help you match the head type with the description in the catalog. The head design may not be exact but should give a close approximation of what the piston will look like.

D-CUP DESIGN



D-Cup – Maintains quench design and keeps the piston rim level all the way around.

STEP-DISH DESIGN



Step-dish maintains the full quench while lowering the rest of piston rim below deck. This design allows for a big volume dish on long strokes while still maintaining the quench.

FLAT-TOP DESIGN



CIRCULAR DISH DESIGN



Circular Dish Design - Has no quench and the dish is just lowered below the rim of the piston.

STEP-HEAD DESIGN



Step-Head features an elevated quench & is mainly used on heads that have recessed quench such as some Chrysler applications. It allows builder to maximize that quench they have.

DOMED DESIGN



Dome Design - Has raised area above the quench portion of the piston.

PISTON AND RING KIT

To order a piston and ring kit add the suffix listed next to the part number in the catalog then add the oversize.

PISTON PART NO. KIT INDICATOR TOP RING MATERIAL OVERSIZE
KB 100 KT D. 030

UEM RING LISTING



PART NUMBER CODES
4000 **B** **D** **8**
 BASE BORE 4.000" RING WIDTH TOP RING MATERIAL # CYLS

CODE	RING WIDTH	CODE	TOP RING MATERIAL
A	5/64 5/64 3/16	M	Cast Iron w/Moly
B	1/16 1/16 3/16	D	Ductile Iron w/Moly
C	1.5 1.5 3.0mm	S	Steel w/Moly or Chrome
D	1.5 1.5 4.0mm	S-N	Steel w/Moly, Ductile Napier 2nd
E	1.2 1.2 3.0mm		
F	5/64 1/16 3/16		
G	5/64 3/32 3/16		
H	1.5 1.5 2.5		
K	1.2 1.5 3.0mm		

PART #	Sizes				
3312BD8	STD	.030	.063		
3445DD4	STD	.5mm	.75mm	1.0mm	1.5mm
3445ED4	STD	.5mm	.75mm	1.0mm	
3445ES4	STD	.5mm	.75mm	1.0mm	
3551CD8		.005	.010	.020	.030
3622DS4 (92mm)	STD	.25mm	.50mm	.75mm	1.0mm
3736AM8	STD	.020	.030	.040	.060
3736BD8	STD	.020	.030	.040	.060
3736CD8		.025	.035	.045	.065
3736ES8		.014	.024	.034	.044
		.064			.054
3780BD4	STD	.020	.030	.040	
3780CD8		.020	.030	.040	.060
3780CS8	STD	.005	.010	.020	.030
		.040			
3780CS8-N	STD	.015	.025	.035	.045
3875AM8	STD	.020	.030	.040	.060
3898CM8	STD	.002	.005	.010	
3898CD8		.002	.010	.020	
3898ES8	STD	.007	.010	.015	
3910AM8	STD	.020	.030	.040	.060
3910BD8		.030	.040	.060	
3917CD8	STD	.010	.020	.030	.040
3917LS4	STD	.25mm	.5mm		
4000AD8		.030	.040	.060	
4000AM4	STD	.020	.030	.040	.060
4000AM8	STD	.020	.030	.040	.060
		.070	.080	.100	
4000BD8		.005	.025	.035	.045
		.070	.080		
4000BM8	STD	.020	.030	.040	.060
4000CD8		.005	.010	.015	.025
		.045	.065	.070	.085
4000CM8	STD	.005	.010	.020	.030
		.040	.060	.065	.070
		.080			
4000ES8	STD	.005	.010	.015	.020
		.035	.065	.070	.075
		.085			
4050BD8		.035	.045	.065	

PART #	Sizes				
4050GM8	STD	.020	.030	.040	.060
4055CS8	STD	.010	.020	.030	.040
4062AM8		.030	.040	.060	
4080AM8		.030			
4120AM8	STD	.030	.040	.060	
4120BD8	STD	.035	.045	.065	
4125AD8	STD	.030	.040	.060	
4125AM8	STD	.020	.030	.040	.060
		.100			
4125BD8		.005	.010	.025	.035
		.065			.045
4125BM8	STD	.020	.030	.040	.060
4125CD8		.005	.025	.035	.045
4130AM8	STD	.020	.030	.040	.060
4130BD8		.030	.040	.060	
4151BD8		.035	.045	.065	
4151FM8	STD	.030	.040	.060	
4165AM8	STD	.030	.040	.060	
4165BD8		.005	.035	.045	.065
4250AD8		.030	.040	.060	
4250AM8	STD	.005	.010	.020	.030
		.040	.060	.070	.080
		.100			.100
4250BD8		.005	.020	.035	.040
		.070	.100	.125	.065
4300AM8		.030	.040	.060	
4312AM8		.030	.040	.060	
4320AM8	STD	.020	.030	.040	.060
		.005	.020	.035	.040
		.055			
4320BD8		.060	.065		
4342AM8	STD	.020	.030	.040	.060
4342BD8	STD	.040	.060		
4360AM8	STD	.020	.030	.040	.060
4360BD8	STD	.020	.035	.040	.060
		.065	.085		
4466BD8		.004	.034	.064	.100
4500BD8		.005	.025	.035	.045
		.065			.065
4500JS8		.005	.010	.015	.030
		.065	.105	.115	.130

KB HYPEREUTECTIC TECH TIPS

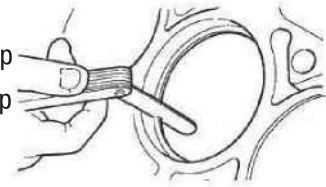
Calculating Ring End Gap

Top ring: bore x gap factor (see chart on pages 5 and 9 for your application) = ring end gap

EXAMPLE: 4.030" bore x .0065" factor (street naturally aspirated) = .026" minimum ring end gap

Second ring: Naturally Aspirated - .004" per inch of bore min.

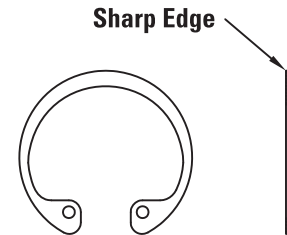
Boosted - .005" per inch of bore min.



Lock Ring Installation

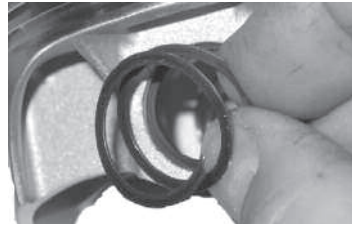
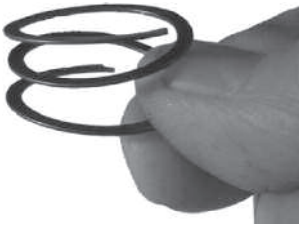
Tru-arc lock rings – used in CLAIMER series

1. Install with open end of lock ring facing down.
Do not over compress lock, just enough to start in pin hole.
2. Install sharp outer edge of lock facing out.



Spiral lock rings – used in KB series

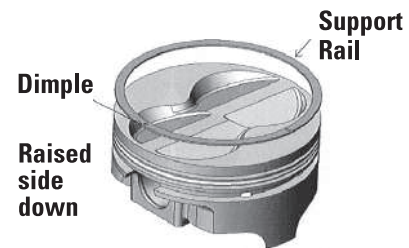
1. Spring the lock about 1/2" to 3/4" to get your thumb between the coils.
2. Insert tang into groove. Slightly twist your wrist towards the groove angling the lock downward into the groove.
3. Using a small flat screwdriver push down on the lock to push it into the groove. Continue in a circular rotation. Do not try to spiral the lock in.



Oil Support Rail

Applications where the wrist pin is intersecting the oil groove require an Oil Support Rail to bridge the gap the wrist pin cutout has made. All three of the oil control rings are installed on top of the support rail.

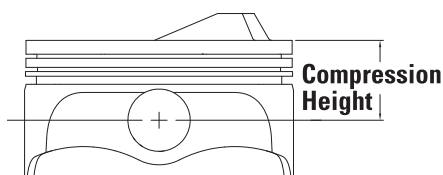
Special Note: Raised dimple on support rail is positioned down and indexed in the open area the wrist pin has made in the oil ring groove.



Piston Nomenclature

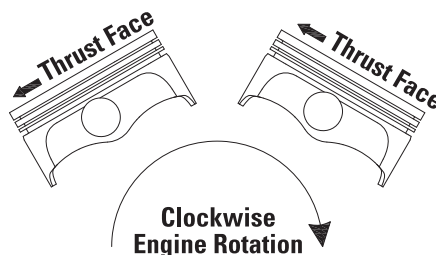
Compression Height

Centerline of wrist pin to top of piston, do not include dome height.



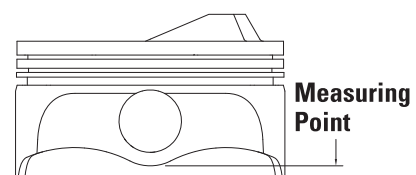
Offset Wrist Pin

The short side of the offset must be towards the thrust face of the engine.



Measuring Point

Measure even with the bottom of the wrist pin pad and 90° to the pin.



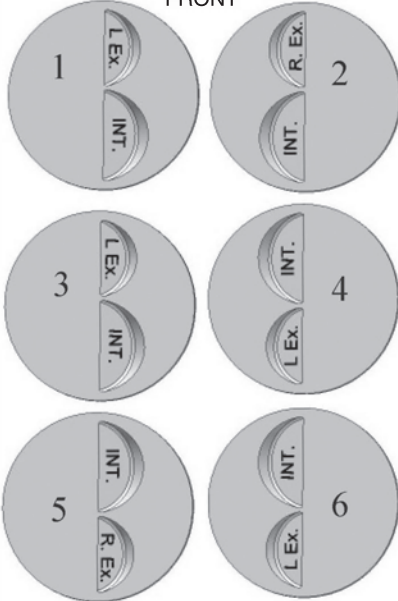
PISTON ORIENTATION

QUENCH AREA



Quench is the area behind the valves. This area should match the flat area on your cylinder head. Proper quench promotes cooling of the piston and can be effective in reducing detonation.

CHEVY V-6 262 4 LEFTS AND 2 RIGHTS FRONT



CHEVY 302,305,327,334,350,377,383,400,434
CHRY 318, 340, 360, 383, 400, 408, 440,
 450, 463, 468, 493, 498, 505, 520
PONTIAC 389, 400, 428, 455 **BUICK** 455

FRONT



Checking cylinder heads: KB suggests checking cylinder heads with clay or some other method before final assembly to assure proper piston to head clearance.

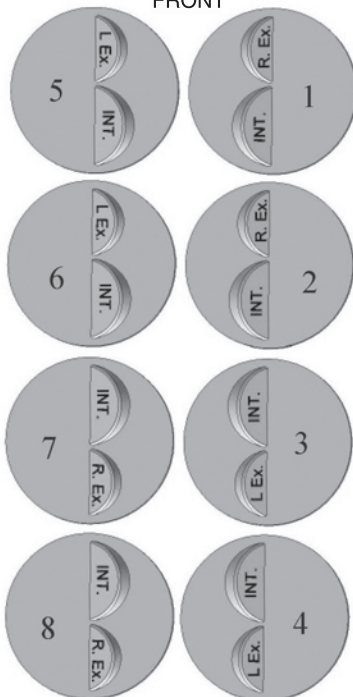
FORD 289, 302, 331, 347, 351V, 372W,
 383W, 393W, 408W, 416W, 418W

FRONT



FORD 390FE, 406FE, 410FE, 427FE
 428FE, 438FE, 452FE, 455FE, 482FE

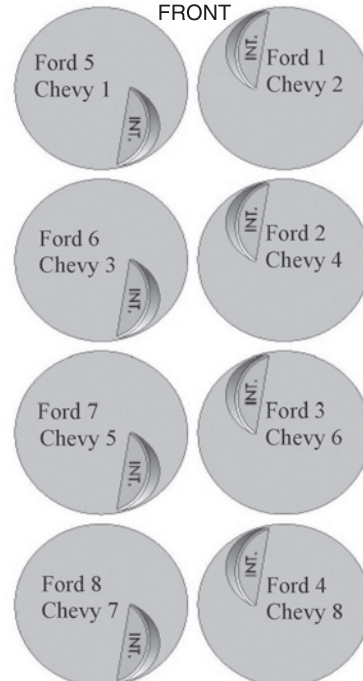
FRONT



FORD CLEV 351C&W/C, 377C,
 387C, 402C

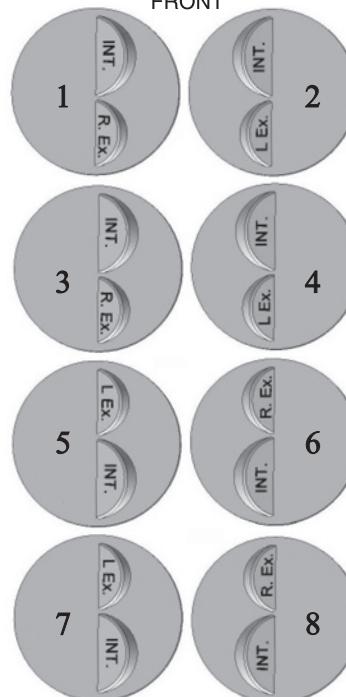
FORD BB 429, 460, 502, 520, 545
CHEVY BB 396/402, 427, 454, 489,
 502, 540

FRONT



OLDS 403, 455

FRONT



TOYOTA 22R YRS
 1985 AND NEWER

FRONT

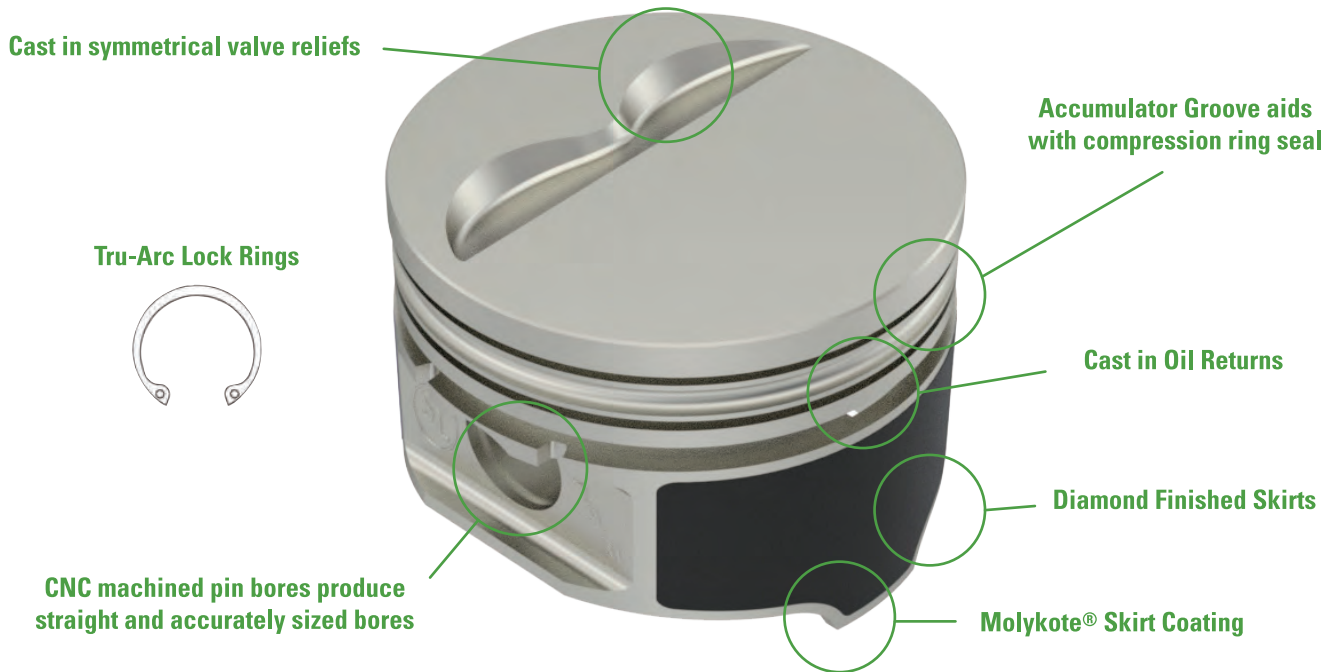


NOTE: PISTONS THAT HAVE SYMMETRICAL DIAMETER VALVE RELIEFS MAY BE PLACED IN ANY CYLINDER

CLAIMER SERIES

Hypereutectic 390 Alloy with 16% Silicon

The **Claimer Series** offers many of the performance features used on the KB Series and are well suited for the budget racer or for street / performance applications. All numbers offer True-Arc lock rings and can be used with floating or press pin rod applications. The **UltraWear M42 dry film lubricant** offers extra protection from skirt scuffing on initial start up and overheated oval track engines.



Claimer Series Pistons GENERAL CLEARANCE GUIDELINES

CALCULATING TOP RING GAP Top ring example - Street naturally aspirated: 4.000" bore x .0065" gap factor = .026" top ring gap

APPLICATION	RING END GAP FACTOR	PISTON/WALL 4.000-4.100	PISTON/WALL 4.100 AND UP
STREET NATURALLY ASPIRATED	0.0065	.0015-.0020	.0020-.0025
STREET TOWING	0.0080	.0015-.0020	.0020-.0025
CIRCLE TRACK 2 BBL / RESTICTOR	0.0070	.0015-.0045	.0020-.0050
CIRCLE TRACK UNRESTRICTED	0.0080	.0025-.0045	.0030-.0045
CIRCLE TRACK ALCOHOL INJECTION	0.0060	.0025-.0045	.0025-.0050
CIRCLE TRACK ALCOHOL CARB	0.0080	.0030-.0045	.0030-.0050
DRAG GASOLINE	0.0075	.0015-.0045	.0020-.0045
DRAG ALCOHOL	0.0065	.0015-.0045	.0020-.0045
MARINE NATURALLY ASPIRATED	0.0080	.0030-.0045	.0035-.0050
MARINE SUPERCHARGED	0.0090	.0030-.0045	.0035-.0050
PROPANE	0.0065	.0015-.0045	.0020-.0045

SECOND RING END GAP .004" Per inch of bore minimum.

TECH LINE 800-648-7970 or email at tech@uempistons.com

Final piston clearance should be based solely on the demands of the application. Clearance has been built into the piston, measure piston prior to final hone.

CHEVROLET 350 • 5.7 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.480	1.565	9.025	93	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060, *.080
PIN SIZE / PIN #: .9272 / 0927X216K
RINGSET PART #: 4000AM8.

NOTES: 4 symmetrical valve reliefs, centered pin. Coated skirt. Now supplied with lockrings so the piston can be either full floating or press pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	VALVE DEPTH	RELIEF DIA.
				58cc	62cc	64cc	76cc				
*9901HC	9901HC KTM	2-5/64, 1-3/16	Flat Top 7cc 4V	10.9	10.4	10.2	9.0	569/107	.254"	.200"	2.120"
9902HC	9902HC KTM	2-5/64, 1-3/16	Flat Top 5cc 2V	11.2	10.7	10.4	9.1	567/107	.254"	.200"	2.120"

CHEVROLET 350 • 5.7 ROD • DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.480	1.565	9.025	93	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: .9272 / 0927X216K
RINGSET PART #: 4000AM8.

NOTES: Centered pin with coated skirt. Now supplied with lockrings so the piston can be either full floating or press pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	VALVE DEPTH	RELIEF DIA.
				58cc	62cc	64cc	76cc				
9904HC	9904HC KTM	2-5/64, 1-3/16	.150" SD -4cc 2V	12.7	12.0	11.6	10.1	569/107	.254"	.250"	2.140"
9905HC	9905HC KTM	2-5/64, 1-3/16	.275" SD -10cc 2V	13.9	13.0	12.7	10.8	585/107	.254"	.250"	2.140"
9903HC	9903HC KTM	2-5/64, 1-3/16	.465" HD -14cc 2V	14.9	14.0	13.5	11.3	581/107	.254"	.250"	2.140"

CHEVROLET 350 • 6.0 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.480	1.265	9.025	93	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: .9272 / 0927X216K
RINGSET PART #: 4000AM8.

NOTES: 2 symmetrical valve reliefs, centered pin. Coated skirt. Now supplied with lockrings so the piston can be either full floating or press pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	VALVE DEPTH	RELIEF DIA.
				58cc	62cc	64cc	76cc				
9908HC	9908HC KTM	2-5/64, 1-3/16	Flat Top 5cc 2V	11.2	10.7	10.4	9.1	575/107	.229"	.250"	2.120"

SD - Solid Dome • HD - Hollow Dome

To order Piston & Ring Kit add "KTM" to the end of the part number. e.g. 9901HCKTM

CHEVROLET 377 • 5.7 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.480	1.565	9.025	93	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: .9272 / 0927X216K
RINGSET PART #: 4125AM8.

NOTES: 2 symmetrical valve reliefs, centered pin. Coated skirt. Now supplied with lockrings so the piston can be either full floating or press fit pin. Made with Chevy SB 400 .

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	VALVE DEPTH	RELIEF DIA.
				58cc	62cc	64cc	76cc				
9907HC	9907HC KTM	2-5/64, 1-3/16	Flat Top 5cc 2V	11.8	11.2	11.0	9.6	595/107	.254"	.250"	2.200"

CHEVY 383 • 5.700 ROD • CIRCULAR DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.750	1.433	9.025	93	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060, *.070, *.080
PIN SIZE / PIN #: 0.9272 / .927x216K
RINGSET PART #: 4000AM8.

NOTES: 2 symmetrical valve reliefs, centered pin. Coated skirts. Now supplied with lockrings so the piston can be either full floating or press fit pin. Made with Chevy SB 350.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	VALVE DEPTH	RELIEF DIA.
				58cc	62cc	64cc	76cc				
*9956HC	9956HC KTM	2-5/64, 1-3/16	Circular Dish 18cc	10.3	9.9	9.7	8.7	515/107	.260"	.250"	2.200"
9912HC	9912HC KTM	2-5/64, 1-3/16	Circular Dish 13cc	10.9	10.4	10.2	9.1	521/107	.260"	.250"	2.200"

CHEVY 383 • 5.700 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.750	1.433	9.025	93	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: 0.9272 / .927x216K
RINGSET PART #: 4000AM8.

NOTES: 2 symmetrical valve reliefs. Coated skirt. Now supplied with lockrings so the piston can be either full floating or press fit pin. Made with Chevy 350 SB. Centered Pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	VALVE DEPTH	RELIEF DIA.
				58cc	62cc	64cc	76cc				
9906HC	9906HC KTM	2-5/64, 1-3/16	Flat Top 5cc 2V	12.0	11.4	11.1	9.8	547/107	.260"	.250"	2.200"

CHEVY 383 • 5.700 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.750	1.433	9.025	93	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: 0.9272 / .927x216K
RINGSET PART #: 4000AM8.

NOTES: 2 symmetrical valve reliefs. Coated skirt. Now supplied with lockrings so the piston can be either full floating or press fit pin. Made with Chevy 350 SB. Centered Pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	VALVE DEPTH	RELIEF DIA.
				58cc	62cc	64cc	76cc				
9910HC	9910HC KTM	2-5/64, 1-3/16	.150" SD -4cc 2V	13.6	12.8	12.5	10.8	571/107	.260"	.250"	2.140"

CHEVY 383 • 6.000 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.750	1.130	9.025	93	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / .927x216K
 RINGSET PART #: 4000BD8 or 4000BM8.

NOTES: 2 symmetrical valve reliefs, centered pin. Coated skirt. Now supplied with lockrings so the piston can be either full floating or press fit pin. Made with Chevy 350 SB.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	VALVE DEPTH	RELIEF DIA.
				58cc	62cc	64cc	76cc				
9909HC	9909HCKTM	2-1/16, 1-3/16	FLAT TOP 5cc 2V	12.0	11.4	11.1	9.8	477/107	.260"	.250"	2.200"

CHEVY 400 • 5.565 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.750	1.565	9.025	93	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / .927x216K
 RINGSET PART #: 4125AM8.

NOTES: 2 symmetrical valve reliefs, centered pin. Coated skirt. Now supplied with lockrings so the piston can be either full floating or press fit pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	VALVE DEPTH	RELIEF DIA.
				55cc	58cc	64cc	76cc				
9907HC	9907HCKTM	2-5/64, 1-3/16	FLAT TOP 5cc 2V	13.1	12.6	11.7	10.3	595/107	.254"	.250"	2.200"

CHEVY 400 • 5.700 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.750	1.433	9.025	93	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / .927x216K
 RINGSET PART #: 4125AM8.

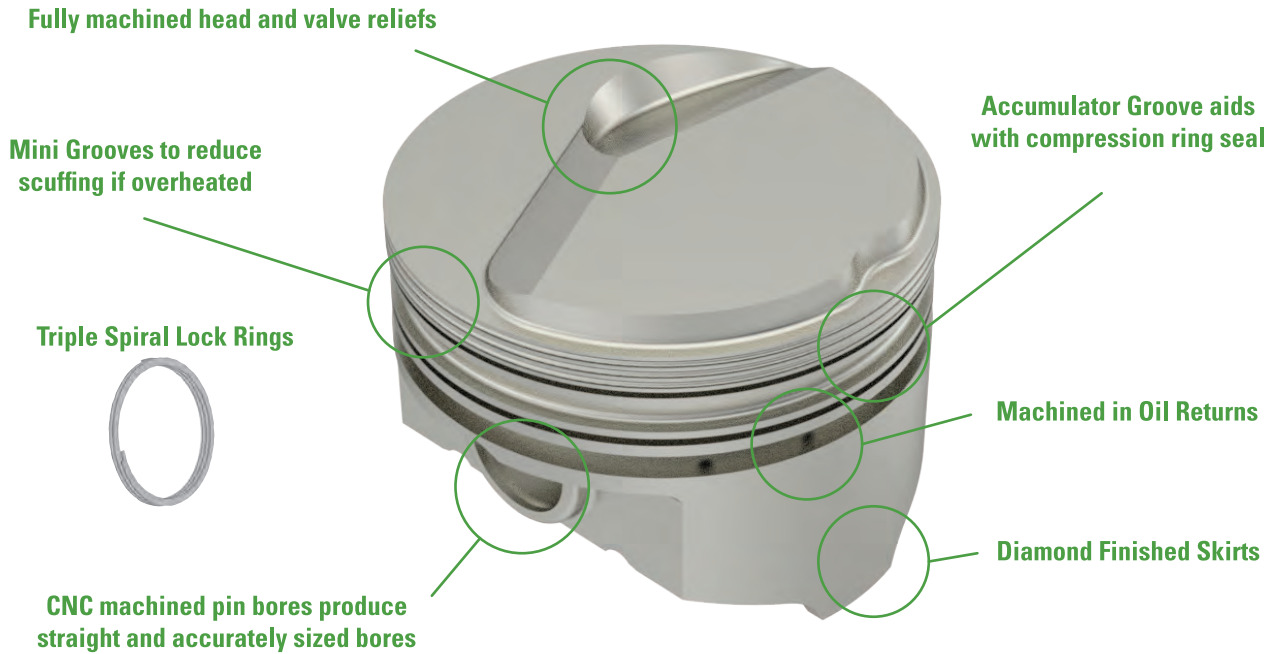
NOTES: 2 symmetrical valve reliefs, centered pin. Coated skirt. Now supplied with lockrings so the piston can be either full floating or press fit pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	VALVE DEPTH	RELIEF DIA.
				55cc	58cc	64cc	76cc				
9911HC	9911HCKTM	2-5/64, 1-3/16	FLAT TOP 5cc 2V	13.1	12.6	11.7	10.3	549/107	.260"	.250"	2.200"

KB SERIES

Hypereutectic 390 Alloy with 16% Silicon

HIGH PERFORMANCE - MARINE - DRAG - CIRCLE TRACK - TOWING



KB Series Pistons

GENERAL CLEARANCE GUIDELINES

CALCULATING TOP RING GAP Top ring example - Street naturally aspirated: 4.000" bore x .0065" gap factor = .026" top ring gap

APPLICATION	RING END GAP FACTOR	PISTON/WALL 4.000-4.100	PISTON/WALL 4.100 AND UP
STREET NATURALLY ASPIRATED	0.0065	.0015-.0020	.0020-.0025
STREET TOWING	0.0080	.0015-.0020	.0020-.0025
STREET NITROUS OR SUPER CHARGED	0.0080	.0020-.0025	.0025-.0035
CIRCLE TRACK 2 BBL / RESTICTOR	0.0070	.0015-.0045	.0020-.0050
CIRCLE TRACK UNRESTRICTED	0.0080	.0025-.0045	.0030-.0045
CIRCLE TRACK ALCOHOL INJECTION	0.0060	.0025-.0045	.0025-.0050
CIRCLE TRACK ALCOHOL CARB	0.0080	.0030-.0045	.0030-.0050
DRAG GASOLINE	0.0075	.0015-.0045	.0020-.0045
DRAG ALCOHOL	0.0065	.0015-.0045	.0020-.0045
DRAG SUPERCHARGED OR NITROUS	0.0095	.0020-.0045	.0025-.0050
DRAG SUPERCHARGE ALCOHOL	0.0085	.0015-.0045	.0025-.0045
MARINE NATURALLY ASPIRATED	0.0080	.0030-.0045	.0035-.0050
MARINE SUPERCHARGED	0.0090	.0030-.0045	.0035-.0050
PROPANE	0.0065	.0015-.0045	.0020-.0045

SECOND RING END GAP .004" Per inch of bore minimum.

TECH LINE 800-648-7970 or email at tech@uempistons.com

Final piston clearance should be based solely on the demands of the application. Clearance has been built into the piston, measure piston prior to final hone.

AMC 4.6L · 6.123 ROD · DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
3.875	3.895	1.353	9.45"	LR906F	HYPEREUTECTIC 390

OVERSIZES: .020, .030, .040, .060
PIN SIZE / PIN #: .931" 0931X306A
RINGSET PART#: 3875AM8

NOTES: Offset pin. Use 4.0L block and rods with 258ci. Crank. Press or floating rod.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 60cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB424C	KB424KTM	2-5/64, 1-3/16	Dish 27.5cc	8.8		.250	No Relief	No Relief

AMC 390 · 5.858 ROD · STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.165	3.574	1.560	68-69 9.175" 70-up 9.208"	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040
PIN SIZE / PIN #: .1000" / 1.0007 X 3.005 X .155
RINGSET PART#: 4165AM8

NOTES: Centered pin on both. Uses factory 1.00" wrist pin and press pin rod.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 51cc 58cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB418	KB418KTM	2-5/64, 1-3/16	SDish 28cc 2V	10.2 9.5	532/157	.297	.273-2.120"	.273-2.120"

AMC 401 · 5.858 ROD · STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.165	3.680	1.510	68-69 9.175" 70-up 9.208"	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060
PIN SIZE / PIN #: .1000" / 1.0007 X 3.005 X .155
RINGSET PART#: (5/64) 4165AM8
 (1/16) 4165BD8

NOTES: Centered pin on both. Uses factory 1.00" wrist pin and press pin rod.
 †.060 Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 51cc 58cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
†KB419	KB419KTM	2-5/64, 1-3/16	SDish 28cc 2V	10.5 9.8	502/157	.275	.273-2.120"	.273-2.120"
KB420	KB420KTD	2-1/16, 1-3/16	SDish 17.3cc 2V	11.8 10.9	530/157	.300	.273-2.120"	.273-2.120"

BUICK 455 • 6.600 ROD • STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.3125	3.900	2.010	10.570	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9997 / 1.000X300K
 RINGSET PART#: 4312AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 67cc 75cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB357	KB357KTM	2-5/64, 1-3/16	SDish 26.7cc 2V	10.1 9.5	715/157	.345	.297-2.360"	.297-2.360"

CADILLAC 472 • 6.750 ROD • STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.300	4.060	2.020	10.814	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9997 / 1.000X300K
 RINGSET PART#: 4300AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 76cc 120cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB395	KB395 KTM	2-5/64, 1-3/16	SDish 26cc 2V	9.8 7.3	719/157	.302	.192-2.290"	.158-1.940"

CADILLAC 500 • 6.750 ROD • STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.300	4.300	1.900	10.814	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9997 / 1.000X300K
 RINGSET PART#: 4300AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 76cc 120cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB382	KB382 KTM	2-5/64, 1-3/16	SDish 28.5cc 2V	10.1 7.6	650/157	.269	.142-NA	.159-NA

CADILLAC 500 • 6.750 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.300	4.300	1.900	10.814	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9997 / 1.000X300K
 RINGSET PART#: 4300AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 76cc 120cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB353	KB353 KTM	2-5/64, 1-3/16	FT 0cc	13.1 9.0	697/157	.222	0	0

CHEVROLET 283 • 5.700 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
3.875	3.000	1.805	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 3875AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	58cc	62cc	64cc				
KBI65	KBI65 KTM	2-5/64, 1-3/16	FT 6cc 2V	9.6	9.2	8.8	8.6	503/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 283 • 5.700 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
3.875	3.000	1.805	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 3875AM8

NOTES: .170" solid dome, Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	58cc	62cc	64cc				
KBI66	KBI66 KTM	2-5/64, 1-3/16	.170" SD -4cc 2V	11.0	10.5	9.9	9.7	529/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 305 • 5.700 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
3.736	3.480	1.561	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 3736AM8

NOTES: Centered pin. KB226 have no valve reliefs so you can machine your own valve reliefs.
 †.STD Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	58cc	64cc	76cc				
†KBI43	KBI43 KTM	2-5/64, 1-3/16	FT 5cc 2V	10.4	10.0	9.3	8.2	477/145	.275	.280-2.000"	.280-2.000"
KB229	KB229 KTM	2-5/64, 1-3/16	FT 5.5cc 4V	10.4	10.0	9.3	8.2	480/145	.250	.205-2.000"	.205-2.000"

CHEVROLET 305 • 5.700 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
3.736	3.480	1.561	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 3736AM8

NOTES: 100" solid dome. Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	58cc	64cc	76cc				
KBI44	KBI44 KTM	2-5/64, 1-3/16	.100" SD -.5cc 2V	11.3	10.8	10.0	8.7	509/145	.275	.280-2.000"	.280-2.000"

CHEVROLET 305 • 6.000 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
3.736	3.480	1.261	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 3736BD8

NOTES: Centered pin. Includes spacer ring.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	62cc	64cc	76cc				
KBI53	KBI53 KTD	2-1/16, 1-3/16	FT 5cc 2V	10.4	10.0	9.3	8.2	418/145	.275	.280-2.000"	.280-2.000"

CHEVROLET 327 • 5.700 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.250	1.678	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4000AM8

NOTES: 2 symmetrical valve reliefs, centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KBI58	KBI58 KTM	2-5/64, 1-3/16	D-Cup 13cc 2V	9.6	9.1	9.0	8.0	627/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 327 • 5.700 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.250	1.678	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4000AM8

NOTES: 2 symmetrical valve reliefs, centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KBI56	KBI56 KTM	2-5/64, 1-3/16	FT 7cc 2V	10.3	9.8	9.6	8.4	593/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 327 • 5.700 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.250	1.678	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060, .070
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4000AM8

NOTES: .153" solid dome. 2 symmetrical valve reliefs, centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KBI57	KBI57 KTM	2-5/64, 1-3/16	.153" SD -.5cc 2V	11.3	10.7	10.5	9.1	627/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 327 • 6.000 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.250	1.385	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KBI54	KBI54 KTD/KTM	2-1/16, 1-3/16	FT 6cc 2V	10.4	9.9	9.7	8.5	485/145	.275	.200-2.168"	.200-2.168"

CHEVROLET 327 • 6.000 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.250	1.385	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: 150" solid dome. Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB155	KB155 KTD/KTM	2-1/16, 1-3/16	.122" SD -3.2cc 2V	11.8	11.1	10.8	9.4	531/145	.250	.280-2.168"	.280-2.168"

CHEVROLET 334 • 5.700 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
3.736	3.750	1.433	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 3736AM8

NOTES: Centered pin. Includes spacer ring.
 Made with Chevrolet 305 SB.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	58cc	64cc	76cc				
KB186	KB186 KTM	2-5/64, 1-3/16	D-Cup 10cc 2V	10.5	10.1	9.4	8.3	447/145	.207	.280-2.168"	.280-2.168"

CHEVROLET 350 • 5.700 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.480	1.561	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: .9272 / 0927X300K
 RING SET PART#: *(5/64) 4000AM8 or 4000AD8
 *(1/16) 4000DB8 or 4000BM8

NOTES: Centered Pin.
 †.020 Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
†KB101**	KB101 KTD/KTM	2-1/16, 1-3/16	D-Cup 22cc 2V	9.2	8.9	8.7	7.8	556/145	.275	.280-2.168"	.280-2.168"
KB118*	KB118 KTM	2-5/64, 1-3/16	D-Cup 22cc 2V	9.2	8.9	8.7	7.8	553/145	.275	.280-2.168"	.280-2.168"
†KB142*	KB142 KTM	2-5/64, 1-3/16	D-Cup 18cc 2V	9.6	9.2	9.1	8.1	564/145	.275	.280-2.168"	.280-2.168"
KB193*	KB193 KTM	2-5/64, 1-3/16	D-Cup 12cc 2V	10.3	9.8	9.6	8.5	551/145	.275	.280-2.168"	.280-2.168"

PHONE: 800-648-7970 or 775-882-7790

FAX: 775-882-7773

EMAIL: tech@uempistons.com

WEB: www.uempistons.com

CHEVROLET 350 • 5.700 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.480	1.561	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060, *.070, .080
 PIN SIZE / PIN #: .9272 / 0927X300K
 RING SET PART#: (5/64) 4000AM8 or 4000AD8
 (1/16) 4000BD8 or 4000BM8

NOTES: Centered Pin
 ** Pin 0927X216K
 †.STD Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB228*	KB228 KTM	2-5/64, 1-3/16	FT 7cc SYM 4V	10.9	10.4	10.2	9.0	537/145	.261	.225-2.121"	.225-2.121"
KB404*	KB404 KTD/KTM	2-1/16, 1-3/16	FT 7cc SYM 4V	11.0	10.4	10.2	9.0	547/145	.261	.225-2.120"	.225-2.120"
†KB198*	KB198 KTD/KTM	2-1/16, 1-3/16	FT 6.5cc ASYM 4V	11.0	10.5	10.2	9.0	557/145	.222	.185-2.181"	.185-1.880"
KB106	KB106 KTD/KTM	2-1/16, 1-3/16	FT 7cc 2V	10.9	10.4	10.2	9.0	579/145	.275	.280-2.168"	.280-2.168"
KB120	KB120 KTM	2-5/64, 1-3/16	FT 7cc 2V	10.9	10.4	10.2	9.0	587/145	.275	.280-2.168"	.280-2.168"
KB231**	KB231 KTD/KTM	2-1/16, 1-3/16	FT 6cc 2V	11.1	10.5	10.3	9.1	513/102	.275	.280-2.168"	.280-2.168"
KB171	KB171 KTD/KTM	2-1/16, 1-3/16	FT 0cc No Reliefs	Backing for 2V reliefs				560/145	.223		

CHEVROLET 350 • 5.700 ROD • DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.480	1.561	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: .9272 / 0927X300K
 RING SET PART#: (5/64) 4000AM8 or 4000AD8
 (1/16) 4000BD8 or 4000BM8

NOTES: Centered Pin.
 †.020 Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
†KB105	KB105 KTD/KTM	2-1/16, 1-3/16	.153" SD -.5cc	12.0	11.4	11.1	9.7	619/145	.275	.280-2.168"	.280-2.168"
KB119	KB119KTM	2-5/64, 1-3/16	.153" SD -.5cc	12.0	11.4	11.1	9.7	617/145	.275	.280-2.168"	.280-2.168"
KB180	KB180 KTD/KTM	2-1/16, 1-3/16	.200" HD -5.9cc	13.0	12.3	11.9	10.3	563/145	.275	.280-2.168"	.280-2.168"
†KB213	KB213KTM	2-5/64, 1-3/16	.388" HD -11cc	14.1	13.3	12.9	10.9	591/145	.275	.217-2.140"	.198-1.720"
KB214	KB214 KTD/KTM	2-1/16, 1-3/16	.388" HD -11cc	14.1	13.3	12.9	10.9	576/145	.208	.217-2.140"	.198-1.172"

CHEVROLET 350 • 6.000 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.480	1.261	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: 2 symmetrical valve reliefs.
 Centered pin. Spacer ring included.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB169	KB169 KTM	2-1/16, 1-3/16	D-Cup 14cc 2V	10.1	9.6	9.4	8.4	687/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 350 • 6.000 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.480	1.261	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: 2 symmetrical valve reliefs.
 Centered pin. Spacer ring included.
 **Pin 0927x216K
 †.040 Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
†**KB260	KB260 KTD/KTM	2-1/16, 1-3/16	FT 6cc 2V	11.1	10.5	10.3	9.1	452/107	.270	.280-2.168"	.280-2.168"
KB112	KB112 KTD/KTM	2-1/16, 1-3/16	FT 7cc 2V	10.9	10.4	10.2	9.0	471/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 350 • 6.000 ROD • DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.480	1.261	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: 2 symmetrical valve reliefs. Centered pin.
 Spacer ring included.
 *.030 Not Available **Pin 0927x216K †.020 Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
†KB113	KB113 KTD/KTM	2-1/16, 1-3/16	.123" SD -3.3cc 2V	12.5	11.8	11.5	10.0	496/145	.275	.280-2.168"	.280-2.168"
**KB209	KB209 KTD/KTM	2-1/16, 1-3/16	.150" SD -5.5cc 2V	12.9	12.2	11.9	10.2	566/107	.275	.272-2.140"	.253-1.720"
*KB359	KB359 KTD/KTM	2-1/16, 1-3/16	SD -5cc 2V	12.9	12.1	11.8	10.2	495/145	.228	.275-2.280"	.213-1.700"

CHEVROLET 350 • 6.200 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.480	1.065	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X216K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: 2 symmetrical valve reliefs,
 centered pin, 2.5" long. Spacer ring included.
 Northstar rod.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB283	KB283 KTD/KTM	2-1/16, 1-3/16	FT 6cc 2V	11.1	10.5	10.3	9.1	392/107	.275	.280-2.168"	.280-2.168"

CHEVROLET 377 • 5.700 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.480	1.561	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4125AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB159	KB159 KTM	2-5/64, 1-3/16	D-Cup 12cc 2V	10.8	10.3	10.1	9.0	637/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 377 • 5.700 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.480	1.561	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4125AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB172	KB172 KTM	2-5/64, 1-3/16	FT 7cc 2V	11.5	10.9	10.7	9.4	591/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 377 • 5.700 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.480	1.561	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4125BD8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB182	KB182 KTD	2-1/16, 1-3/16	.150" SD -3.3cc 2V	13.2	12.4	12.1	10.5	636/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 377 • 6.000 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.480	1.261	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4125BD8 or 4125BM8

NOTES: Centered pin.
 Spacer ring included. Made with Chevrolet 400 SB.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB194	KB194 KTD/KTM	2-1/16, 1-3/16	FT 7cc 2V	11.5	10.9	10.7	9.4	516/145	.265	.280-2.168"	.280-2.168"

CHEVROLET 377 • 6.000 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.480	1.261	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4125BD8 or 4125BM8

NOTES: Centered pin.
 Spacer ring included. Made with Chevrolet 400 SB.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB195	KB195 KTD/KTM	2-1/16, 1-3/16	.150" SD -3.3cc 2V	13.2	12.4	12.1	10.5	553/145	.275	.217-2.140"	.198-1.720"

CHEVROLET 377 • 6.000 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.480	1.261	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4125AD8 or 4125AM8

NOTES: Centered pin.
 Spacer ring included. Made with Chevrolet 400 SB.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB350	KB350 KTM	2-5/64, 1-3/16	D-Cup 18cc 2V	10.1	9.7	9.5	8.5	515/145	.238	.280-2.168"	.280-2.168"

CHEVROLET 383 • 5.700 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.750	1.433	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300
 RINGSET PART#: (5/64) 4000AM8 or 4000AD8
 (1/16) 4000BD8 or 4000BM8

NOTES: Centered pin. Made with Chevrolet 350 SB.
 †.020 Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB121	KB121 KTD/KTM	2-1/16, 1-3/16	D-Cup 28cc 2V	9.3	9.0	8.8	8.0	549/145	.275	.280-2.168"	.280-2.168"
†KB102	KB102 KTD/KTM	2-1/16, 1-3/16	D-Cup 18cc 2V	10.3	9.9	9.7	8.7	531/145	.275	.280-2.168"	.280-2.168"
KB135	KB135 KTM	2-5/64, 1-3/16	D-Cup 18cc 2V	10.3	9.9	9.7	8.7	537/145	.275	.280-2.168"	.280-2.168"
KB197	KB197 KTM	2-5/64, 1-3/16	D-Cup 12cc 2V	11.0	10.5	10.3	9.1	547/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 383 • 5.700 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.750	1.433	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300, (KB253) 0927X216K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin. Made with Chevrolet 350 SB.
 *KB253 light weight version.
 †.060 Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
†KB100	KB100 KTD/KTM	2-1/16, 1-3/16	FT 7cc 2V	11.7	11.1	10.9	9.6	537/145	.275	.280-2.168"	.280-2.168"
KB134	KB134 KTM	2-5/64, 1-3/16	FT 7cc 2V	11.7	11.1	10.9	9.6	473/145	.265	.280-2.168"	.280-2.168"
*KB253	KB253 KTD/KTM	2-1/16, 1-3/16	FT 7cc 2V	11.7	11.1	10.9	9.6	485/107	.275	.280-2.168"	.280-2.168"

CHEVROLET 383 • 5.700 ROD • DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.750	1.433	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin. Made with Chevrolet 350 SB.
 *.020 Not Available
 †.040 Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
*KB111	KB111 KTD/KTM	2-1/16, 1-3/16	.100" SD -.5cc 2V	12.9	12.2	11.9	10.3	563/145	.275	.280-2.168"	.280-2.168"
†KB301	KB301 KTD/KTM	2-1/16, 1-3/16	.388" HD-11cc 2V	14.2	13.8	11.7		501/145	.275	.273-2.140"	.253-1.720"

CHEVROLET 383 • 6.000 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.750	1.130	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X216K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin. Spacer ring included.
 Made with Chevrolet 350 SB.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB164	KB164 KTD/KTM	2-1/16, 1-3/16	D-Cup 19cc 2V	10.2	9.8	9.6	8.6	411/107	.265	.280-2.168"	.280-2.168"

CHEVROLET 383 • 6.000 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.750	1.130	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin. Spacer ring included.
 Made with Chevrolet 350 SB.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB122	KB122 KTD/KTM	2-1/16, 1-3/16	FT 7cc 2V	11.7	11.1	10.9	9.6	441/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 383 • 6.000 ROD • DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.750	1.130	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin. Spacer ring included.
 Made with Chevrolet 350 SB.
 †.020 Not Available * .030 & .040 Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
†KB123	KB123 KTD/KTM	2-1/16, 1-3/16	.150" SD -3.3cc 2V	13.4	12.7	12.4	10.7	471/145	.250	.280-2.168"	.280-2.168"
*KB302	KB302 KTD/KTM	2-1/16, 1-3/16	.388" HD -11cc 2V	14.2	13.8	11.7		451/145	.195	.272-2.140"	.253-1.720"

CHEVROLET 400 • 5.565 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.750	1.561	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4125AM8 or 4125AD8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB159	KB159 KTM	2-5/64, 1-3/16	D-Cup 12cc 2V	11.6	11.1	10.8	9.6	637/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 400 • 5.565 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.750	1.561	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4125AM8 or 4125AD8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KBI72	KBI72 KTM	2-5/64, 1-3/16	FT 7cc 2V	12.3	11.7	11.4	10.1	591/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 400 • 5.565 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.750	1.561	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4125BD8 or 4125BM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KBI82	KBI82 KTD/KTM	2-1/16, 1-3/16	.150" SD -3.3cc 2V	14.1	13.3	13.0	11.2	636/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 400 • 5.700 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.750	1.433	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4125AM8 or 4125AD8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KBI26	KBI26 KTM	2-5/64, 1-3/16	D-Cup 30cc 2V	9.6	9.3	9.1	8.3	579/145	.250	.280-2.168"	.280-2.168"
KBI68	KBI68 KTM	2-5/64, 1-3/16	D-Cup 22cc 2V	10.4	10.0	9.8	8.8	565/145	.250	.280-2.168"	.280-2.168"
KBI47	KBI47 KTM	2-5/64, 1-3/16	D-Cup 18cc 2V	10.8	10.4	10.2	9.1	573/145	.265	.280-2.168"	.280-2.168"

CHEVROLET 400 • 5.700 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.750	1.433	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: (5/64) 4125AM8 or 4125AD8
 (1/16) 4125BD8

NOTES: Centered pin.
 †.STD Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KBI25	KBI25 KTM	2-5/64, 1-3/16	FT 7cc 2V	12.3	11.7	11.4	10.0	578/145	.265	.280-2.168"	.280-2.168"
†KBI39	KBI39 KTD/KTM	2-1/16, 1-3/16	FT 7cc 2V	12.3	11.7	11.4	10.0	587/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 400 • 5.700 ROD • DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.750	1.433	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: (5/64) 4125AM8 or 4125AD8
 (1/16) 4125BD8 or 4125BM8

NOTES: Centered pin.
 †.STD Not Available
 *.STD, .030 Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
†KB127	KB127 KTM	2-5/64, 1-3/16	.100" SD -5cc 2V	13.6	12.8	12.5	10.9	606/145	.265	.280-2.168"	.280-2.168"
KB140	KB140 KTD/KTM	2-1/16, 1-3/16	.100" SD -5cc 2V	13.6	12.8	12.5	10.9	611/145	.275	.280-2.168"	.280-2.168"
*KB376	KB376 KTD/KTM	2-1/16 1-3/16	.388" HD-11cc 2V		14.9	14.5	12.3	558/145	.194	.272-2.140"	.253-1.720"

CHEVROLET 400 • 6.000 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.750	1.130	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4125BD8 or 4125BM8

NOTES: Centered pin. Spacer ring included.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB130	KB130 KTD/KTM	2-1/16, 1-3/16	D-Cup 18cc 2V	10.8	10.4	10.2	9.1	441/145	.265	.280-2.168"	.280-2.168"

CHEVROLET 400 • 6.000 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.750	1.130	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4125BD8 or 4125BM8

NOTES: Centered pin. Spacer ring included.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB128	KB128 KTD/KTM	2-1/16, 1-3/16	FT 7cc 2V	12.3	11.7	11.4	10.0	480/145	.275	.280-2.168"	.280-2.168"

CHEVROLET 400 • 6.000 ROD • DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.750	1.130	9.025	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4125BD8 or 4125BM8

NOTES: Centered pin. Spacer ring included.
 †.STD, .030, .060 Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB129	KB129 KTD/KTM	2-1/16, 1-3/16	SD -3.3cc 2V	14.1	13.3	13.0	11.2	501/145	.250	.280-2.168"	.280-2.168"
†KB375	KB375 KTD/KTM	2-1/16, 1-3/16	HD -11cc 2V		14.9	14.5	12.3	483/145	.196	.272-2.140"	.253-1.720"

CHEVROLET BIG BLOCK

KB HYPEREUTECTIC

CHEVROLET 396/402 • 6.135 ROD • HOLLOW DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	3.760	1.765	9.800	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: STD, .010, .020, .030, .040, .060
PIN SIZE / PIN #: 0.990 / 0990X300K
RINGSET PART#: 4125AM8 or 4125AD8

NOTES: .180" hollow dome, centered pin. For a 396ci engine, use part number KB160.STD. This will be a 396ci .030 over bore. Compression ratio will be 10.3 on 96.5cc head. Closed chamber head.
 *Will fit Edelbrock 110 cc heads

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				96.5cc	105cc	108cc	119cc				
*KB160	KB160 KTM	2-5/64, 1-3/16	.169"HD -17cc IV	10.5	9.6	9.4	8.5	672/158	.311	.285-2.310"	NA

CHEVROLET 427 • 6.135 ROD • HOLLOW DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.250	3.760	1.765	9.800	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060, .070, .100
PIN SIZE / PIN #: 0.990 / 0990X300K
RINGSET PART#: 4250AM8 or 4250AD8

NOTES: Centered pin. CC= Closed chamber head. OC= Open chamber head.
 *Will fit Edelbrock 118cc head
 †.STD Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				96.5cc	105cc	108cc	119cc				
†KB360	KB360 KTM	2-5/64, 1-3/16	.080" CC HD -7cc IV	10.0	9.3	9.0	8.3	720/158	.311	.266-2.310"	NA
KB176	KB176 KTM	2-5/64, 1-3/16	.169" CC HD -17cc IV	11.0	10.1	9.8	9.0	718/158	.311	.267-2.310"	NA
*KB227	KB227 KTM	2-5/64, 1-3/16	.250" OC HD -26cc IV				9.7	737/158	.311	.266-2.310"	NA

CHEVROLET 434 • 6.135 ROD • HOLLOW DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.125	4.000	1.645	9.800	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060, .070, .100
PIN SIZE / PIN #: 0.990 / 0990X300K
RINGSET PART#: 4125AM8 or 4125AD8

NOTES: .180" hollow dome, centered pin. Made from Chevrolet 396 block, 454 crank. CC= Closed chamber head.
 *Will fit Edelbrock 110 cc heads

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				96.5cc	105cc	108cc	119cc				
*KB361	KB361 KTM	2-5/64, 1-3/16	.169" CC HD -17cc IV	11.1	10.2	9.9	9.0	612/158	.311	.267-2.310"	NA

CHEVROLET 454 • 6.135 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.250	4.000	1.645	9.800	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060, .070, .100
PIN SIZE / PIN #: 0.990 / 0990X300K
RINGSET PART#: 4250AM8 or 4250AD8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				96.5cc	105cc	108cc	119cc				
KB287	KB287 KTM	2-5/64, 1-3/16	D-Cup 18cc IV	8.6	8.2	8.0	7.4	608/158	.308	.266-2.310"	NA

CHEVROLET 454 • 6.135 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.250	4.000	1.645	9.800	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060, .070, .100
 PIN SIZE / PIN #: 0.990 / 0990X300K
 RINGSET PART#: 4250AM8 or 4250AD8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				96.5cc	105cc	108cc	119cc				
KB202	KB202 KTM	2-5/64, 1-3/16	FT 3cc IV	9.7	9.0	8.9	8.2	676/158	.308	.266-2.310"	NA

CHEVROLET 454 • 6.135 ROD • DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.250	4.000	1.645	9.800	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060, .070, .100
 PIN SIZE / PIN #: 0.990 / 0990X300K
 RINGSET PART#: (1/16) 4250BD8
 (5/64) 4250AM8 or 4250AD8

NOTES: Centered pin. CC= Closed chamber head.
 OC= Open chamber head.
 *Fits Edelbrock 118cc head
 †.100 Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				96.5cc	105cc	108cc	119cc				
†KB201	KB201 KTD	2-1/16, 1-3/16	.113" CC SD -12cc IV	11.0	10.2	9.9	9.1	722/158	.311	.266-2.310"	NA
KB203	KB203 KTM	2-5/64, 1-3/16	.113" CC SD -12cc IV	11.0	10.2	9.9	9.1	721/158	.319	.266-2.310"	NA
KB207	KB207 KTD	2-1/16, 1-3/16	.250" OC HD -26cc IV				10.2	686/158	.311	.266-2.310"	NA
*KB257	KB257 KTM	2-5/64, 1-3/16	.250" OC HD -26cc IV				10.2	696/158	.308	.266-2.310"	NA

CHEVROLET 489 • 6.135 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.250	4.250	1.520	9.800	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060, .070, .100
 PIN SIZE / PIN #: 0.990 / 0990X300K
 RINGSET PART#: 4250BD8

NOTES: Centered pin. Made from Chevrolet 454 BB.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				96.5cc	105cc	108cc	119cc				
KB224	KB224 KTD	2-1/16, 1-3/16	FT 3cc IV	10.2	9.5	9.3	8.6	624/158	.308	.266-2.310"	NA

CHEVROLET 489 • 6.135 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.250	4.250	1.520	9.800	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060, .070, .100
 PIN SIZE / PIN #: 0.990 / 0990X300K
 RINGSET PART#: 4250BD8

NOTES: Centered pin. Made from Chevrolet 454 BB tall block.
 CC= Closed chamber head.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				96.5cc	105cc	108cc	119cc				
KB397	KB397 KTD	2-1/16, 1-3/16	.180 CC SD -17cc IV	12.3	11.3	11.0	10.0	652/158	.308	.266-2.310"	NA

CHEVROLET 489 • 6.385 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.250	4.250	1.270	9.800	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060, .070, .100
 PIN SIZE / PIN #: 0.990 / 0990X300K
 RINGSET PART#: 4250BD8

NOTES: Centered pin. Includes spacer ring.
 Made from Chevrolet 454 BB.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				96.5cc	105cc	108cc	119cc				
KB284	KB284 KTD	2-1/16, 1-3/16	FT 3cc IV	10.2	9.5	9.3	8.6	556/158	.312	.266-2.310"	NA

CHEVROLET 489 • 6.385 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.250	4.250	1.270	9.800	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060, .070, .100
 PIN SIZE / PIN #: 0.990 / 0990X300K
 RINGSET PART#: 4250BD8

NOTES: Centered pin. Includes spacer ring.
 Made from Chevrolet 454 BB.
 CC= Closed chamber head.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				96.5cc	105cc	108cc	119cc				
KB398	KB398 KTD	2-1/16, 1-3/16	.180" CC SD -17cc IV	12.3	11.3	11.0	10.0	608/158	.312	.266-2.310"	NA

CHEVROLET 489 • 6.535 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.250	4.250	1.520	10.200	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060, .070, .100
 PIN SIZE / PIN #: 0.990 / 0990X300K
 RINGSET PART#: 4250BD8

NOTES: Centered pin. Made from Chevrolet 427 Truck tall block.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				96.5cc	105cc	108cc	119cc				
KB224	KB224 KTD	2-1/16, 1-3/16	FT 3cc IV	10.2	9.5	9.3	8.6	624/158	.308	.266-2.310"	NA

CHEVROLET 489 • 6.535 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.250	4.250	1.520	10.200	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060, .070, .100
 PIN SIZE / PIN #: 0.990 / 0990X300K
 RINGSET PART#: 4250BD8

NOTES: Centered pin. Made from Chevrolet 427 Truck tall block.
 CC= Closed chamber head.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				96.5cc	105cc	108cc	119cc				
KB397	KB397 KTD	2-1/16, 1-3/16	.180" CC SD -17cc IV	12.3	11.3	11.0	10.0	652/158	.308	.266-2.310"	NA

CHEVROLET 502 • 6.135 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.466	4.000	1.645	9.800	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: .004, .034, .064, .100, .134
 PIN SIZE / PIN #: 0.990 / 0990X300K
 RINGSET PART#: 4466BD8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				96.5cc	105cc	108cc	119cc				
KB175	KB175 KTD	2-1/16, 1-3/16	D-Cup 19cc IV	9.3	8.7	8.6	8.0	698/158	.311	.286-2.400"	NA

CHEVROLET 502 • 6.135 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.466	4.000	1.645	9.800	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: .004, .034, .064, .100, .134
 PIN SIZE / PIN #: 0.990 / 0990X300K
 RINGSET PART#: 4466BD8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				96.5cc	105cc	108cc	119cc				
KB173	KB173 KTD	2-1/16, 1-3/16	FT 3cc IV	10.5	9.8	9.6	8.9	718/158	.311	.286-2.400"	NA

CHEVROLET 502 • 6.135 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.466	4.000	1.645	9.800	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: .004, .034, .064, .100, .134
 PIN SIZE / PIN #: 0.990 / 0990X300K
 RINGSET PART#: 4466BD8

NOTES: Centered pin.
 CC= Closed chamber head.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				96.5cc	105cc	108cc	119cc				
KB174	KB174 KTD	2-1/16, 1-3/16	.133 CC SD -12cc IV	12.0	11.1	10.8	9.9	757/158	.311	.266-2.310"	NA

CHEVROLET 540 • 6.385 ROD • STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.466	4.250	1.270	9.800	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: .034, .064, .100, .134
 PIN SIZE / PIN #: 0.990 / 0990X300K
 RINGSET PART#: 4466BD8

NOTES: Centered pin. Includes spacer ring.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				96.5cc	105cc	108cc	119cc				
KB389	KB389 KTD	2-1/16, 1-3/16	SDish 10cc IV	10.5	9.8	9.6	8.9	567/158	.312	.279-2.400"	NA

CHRYSLER 4 CYLINDER

KB HYPEREUTECTIC

CHRYSLER 2.0L • 5.473 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
3.445/87.5mm	3.267	1.240	8.350	RRN-81	HYPEREUTECTIC 390

OVERSIZES: STD, .5mm, .75mm, 1.0mm
 PIN SIZE / PIN #: 0.8270 / .827X216K
 RINGSET PART#: 3445ES4

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 48cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB241	KB241 KTD	2-1.2mm, 1-3.0mm	FT 0cc No Valve	10.3	343/115	.180	NA	NA

CHRYSLER 2.2L • 5.945 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
3.445	3.622	1.594	9.360	R-18	HYPEREUTECTIC 390

OVERSIZES: STD, .75mm, 1.0mm, 1.5mm
 PIN SIZE / PIN #: 0.9009 / 0901X216K
 RINGSET PART#: 3445DD4

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 50cc 53cc 56cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB268	KB268 KTD	2-1.5mm, 1-4.0mm	D-Cup 18cc 2V	8.7 8.4 8.1	380/107	.222	.162-1.750"	.162-1.750"

CHRYSLER 2.2L • 5.945 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
3.445	3.622	1.594	9.360	R-18	HYPEREUTECTIC 390

OVERSIZES: STD, .5mm, .75mm, 1.0mm, 1.5mm
 PIN SIZE / PIN #: 0.9009 / 0901X216K
 RINGSET PART#: 3445DD4

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 50cc 53cc 56cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB239	KB239 KTD	2-1.5mm, 1-4.0mm	FT 5cc 2V	10.3 9.9 9.5	391/107	.214	.162-1.750"	.162-1.750"

PHONE: 800-648-7970 or 775-882-7790

FAX: 775-882-7773

EMAIL: tech@uempistons.com

WEB: www.uempistons.com

CHRYSLER 318 • 6.123 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
3.910	3.310	1.810	9.578	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9842 / 0984X300K
 RINGSET PART#: 3910AM8

NOTES: Centered pin.
 Piston is .010" above a
 9.578" deck.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				57cc	60cc	64cc	68cc				
KB167	KB167 KTM	2-5/64, 1-3/16	FT 7.4cc 2V	10.4	10.1	9.6	9.2	526/132	.275	.280-2.160"	.280-2.160"

CHRYSLER 318 • 6.123 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
3.910	3.310	1.810	9.578	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9842 / 0984X300K
 RINGSET PART#: 3910AM8

NOTES: Centered pin. Piston is .010" above a 9.578" deck.
 Does not fit Edelbrock 65cc head.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				57cc	60cc	64cc	68cc				
KB399	KB399 KTM	2-5/64, 1-3/16	.200" SD -6cc 2V	12.2	11.7	11.0	10.4	552/132	.275	.286-2.200"	.286-2.200"

CHRYSLER 340 • 6.123 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.040	3.310	1.840	9.599	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9842 / 0984X300K
 RINGSET PART#: 4000AM8

NOTES: Centered pin. Piston above deck .018.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				57cc	60cc	64cc	68cc				
KB243	KB243 KTM	2-5/64, 1-3/16	FT 6cc 2V	10.9	10.5	10.0	9.6	588/132	.305	.286-2.200"	.286-2.200"

CHRYSLER 360 • 6.123 ROD • STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.580	1.675	9.599	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9842 / 0984X300K, (KB362) 0984X216K
 RINGSET PART#: 4000AM8

NOTES: Centered pin. Piston may protrude on 1992 and up Magnum truck blocks.
 *LA rod must be narrowed to 1".
 **Elevated Quench Dome .050" tall.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				62cc	64cc	68cc	72cc				
*KB232	*KB232 KTM	2-5/64, 1-3/16	QH 18cc 2V	9.5	9.3	8.9	8.6	610/132	.275	.280-2.160"	.280-2.160"
*KB362	*KB362 KTM	2-5/64, 1-3/16	SDish 19.4cc 2V	(59cc)9.5	(61cc)9.4	(64cc)9.1		510/106	.275	.280-2.160"	.280-2.160"

CHRYSLER 360 • 6.123 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.580	1.675	9.599	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060, .070*
PIN SIZE / PIN #: 0.9842/0984X300K
RINGSET PART#: 4000AM8

NOTES: Centered pin. Piston may protrude on 1992 and up Magnum truck blocks.
 *.070" oversize can be used with 340 block and 360 crank.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				62cc	64cc	68cc	72cc				
KB107	KB107 KTM	2-5/64, 1-3/16	FT 5cc 2V	10.9	10.7	10.2	9.8	524/132	.274	.280-2.160"	.280-2.160"

CHRYSLER 360 • 6.123 ROD • QUENCH HEAD



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.580	1.675	9.599	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030
PIN SIZE / PIN #: 0.9842/0984X300K
RINGSET PART#: 4000AM8

NOTES: Centered pin. Piston may protrude on 1992 & up Magnum truck blocks. Quench dome elevated .085". Machining required to achieve optimum quench. Will not work with Magnum or Edelbrock closed chamber heads.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				62cc	64cc	68cc	72cc				
KB373	KB373 KTM	2-5/64, 1-3/16	QH 2.8cc 2V	11.2	11.0	10.5	10.0	522/132	.275	.286-2.200"	.286-2.200"

CHRYSLER 360 • 6.123 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.580	1.675	9.599	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: 0.9842/0984X300K
RINGSET PART#: 4000AM8

NOTES: Centered pin. Piston may protrude on 1992 and up Magnum truck blocks.
 Does not fit 62cc Magnum Head.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				62cc	64cc	68cc	72cc				
KB190	KB190 KTM	2-5/64, 1-3/16	.080" SD -1.2cc 2V	11.8	11.5	10.9	10.5	524/132	.275	.366-2.200"	.366-2.200"
KB191	KB191 KTM	2-5/64, 1-3/16	.200" SD -11.2cc 2V	13.6	13.2	12.5	11.8	559/132	.275	.343-2.200"	.331-1.720"

CHRYSLER 408 • 6.123 ROD • STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	4.000	1.465	9.599	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060, .070, *.080
PIN SIZE / PIN #: 0.9842 / 0984X216K
RINGSET PART#: 4000AM8

NOTES: Centered pin. Can be used with LA rod, small end narrowed to 1". Made w/Chry 360 block. KB356 use with open chamber heads, has an elevated .085" quench dome.
 *KB416 use with closed chamber heads, no quench dome.
 †.020 Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				62cc	64cc	68cc	72cc				
KB356	KB356 KTM	2-5/64, 1-3/16	QH 23.5cc 2V	9.9	9.7	9.4	9.0	479/132	.275	.286-2.200"	.286-2.200"
†*KB416	KB416 KTM	2-5/64, 1-3/16	SDish 25cc 2V	9.8	9.6	9.3	8.9	478/132	.275	.286-2.200"	.286-2.200"

CHRYSLER 383 · 6.358 ROD · FLAT TOP · APPROVED FOR NHRA STOCK



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.250	3.380	1.908	9.980	PRF116-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: 1.0940 / 1.094X300K
RINGSET PART#: 4250AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				72cc	80cc	84cc	88cc				
KB162	KB162 KTM	2-5/64, 1-3/16	FT 8cc 2V	9.8	9.1	8.8	8.5	738/190	.275	.264-2.360"	.264-2.360"

CHRYSLER 383 · 6.358 ROD · SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.250	3.380	1.908	9.980	PRF116-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: 1.0940 / 1.094X300K
RINGSET PART#: 4250AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				72cc	80cc	84cc	88cc				
KB400	KB400 KTM	2-5/64, 1-3/16	.220" SD - 0cc 2V	10.7	9.8	9.4	9.1	766/190	.275	.265-2.360"	.265-2.360"

CHRYSLER 400 · 6.358 ROD · FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.342	3.380	1.908	9.980	PRF116-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
PIN SIZE / PIN #: 1.0940 / 1.094X300K
RINGSET PART#: 4342AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				72cc	80cc	84cc	88cc				
KB240	KB240 KTM	2-5/64, 1-3/16	FT 8cc 2V	10.3	9.5	9.2	8.9	660/190	.275	.264-2.360"	.264-2.360"

CHRYSLER 440 · 6.768 ROD · QUENCH HEAD



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.320	3.750	1.992	10.725	PRF116-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: 1.0940 / 1.094X300K
RINGSET PART#: 4320AM8

NOTES: Compression height of this piston is 1.992".
 .140" quench dome. Suggest checking quench dome with clay for clearance. Centered pin. Closed chamber heads require the quench dome to be machined down.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				72cc	80cc	84cc	88cc				
KB184	KB184 KTM	2-5/64, 1-3/16	QH-3.5cc 2V	10.4	9.7	9.3	8.9	780/190	.230	.200-2.360"	.200-2.360"

CHRYSLER 440 • 6.768 ROD • STEP HEAD



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.320	3.750	2.057	10.725	PRF116-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: 1.0940 / 1.094X300K
RINGSET PART#: 4320AM8

NOTES: Compression height of this piston is 2.057".
 .075" quench dome, centered pin. Suggest checking
 quench dome with clay for clearance. Closed chamber
 heads require the quench dome to be machined down.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				72cc	80cc	84cc	88cc				
KB236	KB236 KTM	2-5/64, 1-3/16	SH 6cc 2V	11.5	10.7	10.3	9.9	805/190	.220	.264-2.360"	.264-2.360"

CHRYSLER 440 • 6.768 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.320	3.750	2.067	10.725	PRF116-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: 1.0940 / 1.094X300K
RINGSET PART#: 4320AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				72cc	80cc	84cc	88cc				
KB237	KB237 KTM	2-5/64, 1-3/16	FT 9cc 2V	11.2	10.3	10.0	9.6	774/190	.275	.264-2.360"	.264-2.360"

CHRYSLER 450 • 6.358 ROD • STEP HEAD



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.342	3.750	1.722	9.980	PRF116-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: 1.0940 / 1.094X300K
RINGSET PART#: 4342AM8

NOTES: Centered pin. Suggest checking quench dome with clay
 for clearance. Closed chamber heads require the quench dome to
 be machined down. Made from Chrysler 400 block. Use only
 stock rods. Comp. ratio will change with quench dome machining.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				72cc	80cc	84cc	88cc				
KB215	KB215 KTM	2-5/64, 1-3/16	SH .095" Step, -1.5cc 2V	12.5	11.4	10.9	10.6	698/190	.221	.264-2.360"	.264-2.360"
KB251	KB251 KTM	2-5/64, 1-3/16	SH .260" Step, -4.4cc 2V	12.9	11.8	11.3	10.9	714/190	.221	.264-2.360"	.264-2.360"

CHRYSLER 450 • 6.768 ROD • STEP HEAD



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.342	3.750	1.327	9.980	PRF116-3	HYPEREUTECTIC 390

OVERSIZES: .020, .040, .060
PIN SIZE / PIN #: 1.0940 / 1.0945X300K
RINGSET PART#: 4342AM8

NOTES: .150" quench dome, centered pin. Suggest
 checking quench dome with clay for clearance. Engine
 cannot be assembled without machining quench dome.
 Made from Chrysler 400 block. Use only stock rods.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				72cc	80cc	84cc	88cc				
KB280	KB280 KTM	2-5/64, 1-3/16	SH 0cc 2V	12.3	11.3	10.8	10.4	548/190	.275	.264-2.360"	.264-2.360"

CHRYSLER 392 HEMI • 6.958 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.900	1.940	10.870	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: .040, .060
 PIN SIZE / PIN #: 0.9842 / 0984X300K
 RINGSET PART#: 4000AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO			GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				101cc	104cc	110cc				
KB289	KB289 KTM	2-5/64, 1-3/16	FT 4cc 2V	8.2	8.0	7.7	636/132	.379	.273-2.250"	.273-2.250"

CHRYSLER 392 HEMI • 6.958 ROD • HEMI DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.900	1.940	10.870	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060
 PIN SIZE / PIN #: 0.9842 / 0984X300K
 RINGSET PART#: 4000AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO			GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				101cc	104cc	110cc				
KB290	KB290 KTM	2-5/64, 1-3/16	.160" HemiD -22cc 2V	10.3	10.0	9.5	586/132	.379	.273-2.250"	.273-2.250"

CHRYSLER 426 • 6.860 ROD • HEMI DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.250	3.750	1.949	10.725	PRH113-3	HYPEREUTECTIC 390

OVERSIZES: STD, .005, .010, .020, .030, .040, .060
 PIN SIZE / PIN #: 1.0300 / 1.031X300K
 RINGSET PART#: 4250AM8

NOTES: Centered pin. Compression ratio calculated using gasket thickness .020 and -.041" deck clearance, gasket bore of 4.365 and unmodified block.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO		GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				168cc	174cc				
KB210	KB210 KTM	2-5/64, 1-3/16	.490" HemiD -80cc 2V	9.6	9.2	809/161	.437	Hemi 2.370"	Flat @ 23 deg
KB211	KB211 KTM	2-5/64, 1-3/16	.615" HemiD -90cc 2V	10.6	10.0	809/161	.437	Hemi 2.370"	Flat @ 23 deg

FORD 2.3L & SMALL BLOCK

KB HYPEREUTECTIC

FORD 2.3L • 5.205 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
3.780	3.126	1.590	8.368	PRL99-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040
 PIN SIZE / PIN #: 0.9120 / 0912X300K
 RINGSET PART#: 3780BD4

NOTES: Centered pin, 2.5" long.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 60cc 64cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB217	KB217 KTD	2-1/16, 1-3/16	FT 4.5cc 2V	9.1 8.7	475/107	.240	.155-2.040"	.155-1.700"

FORD 2.3L • 5.700 ROD • FLAT TOP



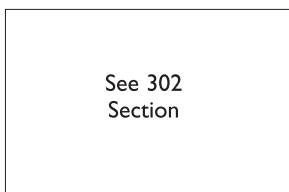
BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
3.780	3.126	1.090	8.368	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040
 PIN SIZE / PIN #: 0.9272 / 0927X216K
 RINGSET PART#: 3780BD4

NOTES: Centered pin, 2.5" long.
 Spacer ring included.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 60cc 64cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB218	KB218 KTD	2-1/16, 1-3/16	FT 4.5cc 2V	9.1 8.7	371/107	.207	.155-2.040"	.155-1.700"

FORD 289 • 5.155 ROD • USE 302CI PISTONS



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	2.870	1.608	8.206	PRL99-3	HYPEREUTECTIC 390

NOTE: Compression ratios must be recalculated using 2.870 stroke or multiply the 302 ratio by .957

PHONE: 800-648-7970 or 775-882-7790

FAX: 775-882-7773

EMAIL: tech@uempistons.com

WEB: www.uempistons.com

FORD 302 • 5.090 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.000	1.608	8.206	PRL99-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9122 / 0912X300K
 RINGSET PART#: 4000AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				54cc	58cc	64cc	69cc				
KB192	KB192 KTM	2-5/64, 1-3/16	D-Cup 12cc 2V	9.3	8.8	8.4	8.0	563/143	.275	.266-2.120"	.254-1.880"
KB364	KB364 KTM	2-5/64, 1-3/16	D-Cup 22cc 2V	8.3	7.9	7.6	7.3	549/143	.275	.265-2.120"	.254-1.880"

FORD 302 • 5.090 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.000	1.608	8.206	PRL99-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9122 / 0912X300K (KB281) 0912X216K
 RINGSET PART#: 4000AM8

NOTES: Centered pin.
 * Designed for Trick Flow Twisted Wedge head, including "R" head.
 ** KB281 Light weight version.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				54cc	58cc	64cc	69cc				
KB115	KB115 KTM	2-5/64, 1-3/16	FT 6.5cc 2V	10.0	9.6	9.0	8.5	555/143	.275	.257-2.120"	.247-1.880"
**KB281	KB281 KTM	2-5/64, 1-3/16	FT 6.5cc 2V	10.0	9.6	9.0	8.5	517/107	.275	.257-2.120"	.247-1.880"
*KB311	KB311 KTM	2-5/64, 1-3/16	FT 4cc 2V	(61cc)9.5				611/143	.275	.216-2.120"	.194-1.700"

FORD 302 • 5.090 ROD • DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.000	1.608	8.206	PRL99-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9122 / 0912X300K
 RINGSET PART#: (5/64) 4000AM8
 (1/16) 4000BD8 or 4000BM8

NOTES: Centered pin.
 * KB312 designed for Trick Flow Twisted Wedge heads, including "R" head.
 ** Will fit Edelbrock 60cc heads
 *** Will not fit Ford GT40 heads

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				54cc	58cc	64cc	69cc				
**KB116	KB116 KTM	2-5/64, 1-3/16	.140" SD -2cc 2V	11.5	10.8	10.0	9.4	623/143	.280	.257-2.120"	.254-1.880"
*KB312	KB312 KTM	2-5/64, 1-3/16	.128" SD -3cc 2V	(61cc)10.4				616/143	.275	.216-2.120"	.194-1.700"
KB365	KB365 KTD/KTM	2-1/16, 1-3/16	.400" HD -14.7 2V	14.1	13.1	11.9	11.0	561/143	.275	.257-2.120"	.254-1.880"

FORD 331 • 5.400 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.250	1.170	8.206	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin, 3.0" long. Spacer ring included. Made with Ford 302 block.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	60cc	64cc	69cc				
KB355	KB355 KTD/KTM	2-1/16, 1-3/16	D-Cup 10cc 2V	10.3	9.7	9.2	8.8	461/143	.250	.266-2.120"	.254-1.880"

FORD 347 • 5.400 ROD • STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.400	1.090	8.206	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X216K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin, 2.5" long. Spacer ring included. Made with Ford 302 block.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	60cc	64cc	69cc				
KB366	KB366 KTD/KTM	2-1/16, 1-3/16	SDish 16cc 2V	9.9	9.4	9.0	8.6	402/107	.275	.250-2.120"	.238-1.880"

FORD 347 • 5.400 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.400	1.090	8.206	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X216K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin, 2.5" long. Spacer ring included. Made with Ford 302 block.
 *KB349 designed for Ford Sportsman "N" head.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	60cc	64cc	69cc				
KB246	KB246 KTD/KTM	2-1/16, 1-3/16	FT 6.5cc 2V	11.2	10.5	10.0	9.5	429/107	.240	.266-2.120"	.254-1.880"
*KB349	KB349 KTD/KTM	2-1/16, 1-3/16	FT 0cc No valve reliefs	12.2	11.4	10.8	10.2	428/107	.191	NA	NA

FORD 347 • 5.400 ROD • SOLID DOME • FORD SPORTSMAN "N" HEAD



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.400	1.090	8.206	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X216K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin, 2.5" long. Spacer ring included. Made with Ford 302 block. Designed for Ford Sportsman "N" head.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	60cc	64cc	69cc				
KB332	KB332 KTD/KTM	2-1/16, 1-3/16	.100" SD -11cc	13.4	12.6	11.7		479/107	.171	NA	NA

FORD 351C • 5.778 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.500	1.670	9.206	PRL99-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9122 / 0912X300K
 RINGSET PART#: 4000AD8 or 4000AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO			GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				62cc	66cc	76cc				
KB148	KB148 KTM	2-5/64, 1-3/16	D-Cup 13cc IV	9.8	9.4	8.5	625/143	.300	.148-2.470"	NA

FORD 351C • 5.778 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.500	1.670	9.206	PRL99-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9122 / 0912X300K
 RINGSET PART#: (1/16) 4000BD8 or 4000BM8
 (5/64) 4000AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO			GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				62cc	66cc	76cc				
KB108	KB108 KTD/KTM	2-1/16, 1-3/16	FT 2cc IV	11.1	10.6	9.5	553/143	.300	.148-2.470"	NA
KB177	KB177 KTM	2-5/64, 1-3/16	FT 2cc IV	11.1	10.6	9.5	541/143	.301	.148-2.470"	NA

FORD 351C • 5.778 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.500	1.670	9.206	PRL99-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9122 / 0912X300K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO			GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				62cc	66cc	76cc				
KB149	KB149 KTD/KTM	2-1/16, 1-3/16	.100" SD-8cc IV	12.7	12.0	10.6	574/143	.300	.148-2.470"	NA

FORD 351W • 5.956 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.500	1.774	9.500	PRL99-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9122 / 0912X300K
 RINGSET PART#: *4000BD8 or 4000BM8
 **4000AD8 or 4000AM8

NOTES: Centered pin. Pre-71 blocks .020 shorter. Not enough stock to clean up.
 †Designed for Ford Sportsman "N" head.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	60cc	64cc	69cc				
*KB124	KB124 KTD/KTM	2-1/16, 1-3/16	FT 6.5cc 2V	11.5	10.8	10.3	9.7	645/143	.275	.257-2.120"	.247-1.880"
**KB151	KB151 KTM	2-5/64, 1-3/16	FT 6.5cc 2V	11.5	10.8	10.3	9.7	637/143	.275	.257-2.120"	.247-1.880"
**†KB315	KB315 KTM	2-5/64, 1-3/16	FT 0cc NoValve Reliefs	12.5	11.7	11.1	10.5	519/143	.217	NA	NA

FORD 351W • 5.956 ROD • STEP DISH • FORD SPORTSMAN "N" HEAD



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.500	1.774	9.500	PRL99-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060
 PIN SIZE / PIN #: 0.9122 / 0912X300K
 RINGSET PART#: 4000AD8 or 4000AM8

NOTES: Centered pin. Pre-71 blocks .020 shorter. Not enough stock to clean up. Designed for Ford Sportsman "N" head.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	60cc	64cc	69cc				
KB379	KB379 KTM	2-5/64, 1-3/16	SDish 15cc	10.3	9.8	9.4	8.9	557/143	.259	N Head 2.400"	N Head 1.900"

FORD 351W • 5.956 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.500	1.774	9.500	PRL99-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9122 / 0912X300K
 RINGSET PART#: 4000AD8 or 4000AM8

NOTES: Centered pin. Pre-71 blocks .020 shorter. Not enough stock to clean up.
 †STD Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	60cc	64cc	69cc				
KB181	KB181 KTM	2-5/64, 1-3/16	D-Cup 22cc 2V	9.6	9.1	8.8	8.4	625/143	.275	.266-2.120"	.254-1.880"
†KB303	KB303 KTM	2-5/64, 1-3/16	D-Cup 19.5cc 2V	9.8	9.3	9.0	8.6	581/143	.211	.261-2.120"	.249-1.880"

FORD 351W • 5.956 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.500	1.774	9.500	PRL99-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9122 / 0912X300K
 RINGSET PART#: 4000BD8 or 4000BM8
 *4000AD8 or 4000AM8

NOTES: Centered pin. Pre-71 blocks .020 shorter. Not enough stock to clean up.
 †KB314 Designed for Trick Flow Twisted Wedge head, including "P" head.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	60cc	64cc	69cc				
KB136	KB136 KTD/KTM	2-1/16, 1-3/16	.097" SD-1cc 2V	12.7	11.9	11.3	10.6	647/143	.275	.257-2.120"	.247-1.880"
*†KB314	KB314 KTM	2-5/64, 1-3/16	SD -5cc 2V	(61)12.4				659/143	.275	.216-2.120"	.194-1.700"

FORD 351W • 6.580 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.500	1.160	9.500	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin. Includes spacer ring. Use Ford 400 rod bushed to .9292 rod clearance, narrow journal to fit 351 crank. Pre-71 blocks .020 shorter, not enough stock to clean up.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	60cc	64cc	69cc				
KB333	KB333 KTD/KTM	2-1/16, 1-3/16	FT 6.5cc 2V	11.5	10.8	10.3	9.7	450/145	.191	.237-2.120"	.254-1.800"

FORD 351WC • 5.956 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.500	1.774	9.500	PRL99-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9122 / 0912X300K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin. Windsor block, Cleveland head. Pre-71 blocks .020 shorter. Not enough stock to clean up.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO			GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				62cc	66cc	76cc				
KB110	KB110 KTD/KTM	2-1/16, 1-3/16	FT 2cc IV	11.1	10.6	9.5	647/143	.300	.148-2.470"	NA

FORD 351WC • 5.956 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.500	1.774	9.500	PRL99-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: 0.9122 / 0912X300K
RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin. Windsor block, Cleveland head. Pre-71 blocks .020 shorter. Not enough stock to clean up.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				62cc	66cc	76cc					
KB117	KB117 KTD/KTM	2-1/16, 1-3/16	.100" SD -8cc IV	12.7	12.0	10.6		669/143	.296	.148-2.470"	NA

FORD 372W • 6.200 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.640	1.440	9.500	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: 0.9272 / 0927X300K
RINGSET PART#: 4000BD8 or 4000BM8

NOTES: .150" solid dome, centered pin. Windsor crank offset ground to 3.640, 6.2 rod .9272 pin. Pre-71 blocks .020 shorter, not enough stock to clean up.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	60cc	64cc	69cc				
KB255	KB255 KTD/KTM	2-1/16, 1-3/16	.150" SD -1cc 2V	13.2	12.3	11.7	11.0	513/145	.242	.257-2.120"	.254-1.880"

FORD 393W • 5.956 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.850	1.608	9.500	PRL99-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: 0.9122 / 0912X300K
RINGSET PART#: 4000AM8

NOTES: Centered pin. Pre-71 blocks .020 shorter, not enough stock to clean up. Made with Ford 351W block.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	60cc	64cc	69cc				
KB364	KB364 KTM	2-5/64, 1-3/16	D-Cup 22cc 2V	10.4	9.9	9.5	9.1	551/143	.275	.265-2.120"	.254-1.880"

FORD 408W • 6.000 ROD • STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	4.000	1.490	9.500	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: 0.9272 / 0927X300K
RINGSET PART#: 4000AM8

NOTES: Centered pin. Pre-71 blocks .020 shorter, not enough stock to clean up. Made with Ford 351W block.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	60cc	64cc	69cc				
KB385	KB385 KTM	2-5/64, 1-3/16	SDish 28cc 2V	10.1	9.7	9.3	8.9	573/145	.275	.285-2.120"	.273-1.880"

FORD 408W • 6.200 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	4.000	1.280	9.500	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin. Oil spacer ring included. Pre-71 blocks .020 shorter, not enough stock to clean up. Made with Ford 351W block.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	62cc	64cc	69cc				
KB319	KB319 KTD/KTM	2-1/16, 1-3/16	D-Cup 27.5cc 2V	10.2	9.7	9.4	9.0	499/145	.270	.285-2.120"	.273-1.880"

FORD 408W • 6.200 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	4.000	1.280	9.500	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X216K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin. Oil spacer ring included. Pre-71 blocks .020 shorter, not enough stock to clean up. Made with Ford 351W block.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				58cc	62cc	64cc	76cc				
KB320	KB320 KTD/KTM	2-1/16, 1-3/16	FT 6.5cc 2V	12.5	11.9	11.6	10.2	463/107	.223	.266-2.120"	.254-1.880"

FORD 416W • 6.123 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	4.075	1.310	9.500	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4000AM8

NOTES: Centered pin. Oil spacer ring included. Pre-71 blocks .020 shorter, not enough stock to clean up. Made with Ford 351W block.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	60cc	64cc	68cc				
KB189	KB189 KTM	2-5/64, 1-3/16	D-Cup 30cc 2V	10.1	9.7	9.3	8.9	695/145	.275	.325-2.120"	.325-2.120"

FORD 416W • 6.200 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	4.075	1.251	9.500	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4000BD8 or 4000BM8

NOTES: Centered pin. Oil spacer ring included. Ford 400 crank offset ground 4.075. Pre-71 blocks .020 shorter, not enough stock to clean up. Made with Ford 351W block.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				55cc	60cc	64cc	69cc				
KB261	KB261 KTD/KTM	2-1/16, 1-3/16	FT 6.5cc 2V	13.2	12.4	11.8	11.2	468/145	.275	.266-2.120"	.254-1.880"

FORD 390FE • 6.490 ROD • STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.050	3.780	1.780	10.170	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9752 / 0975X300K
 RINGSET PART#: 4050GM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				60cc	68cc	73cc	88cc				
KBI50	KBI50 KTM	1-5/64, 1-3/32, 1-3/16	SDish 20cc 2V	10.1	9.4	9.0	8.0	536/143	.261	.186-2.150"	.186-2.150"

FORD 427FE • 6.490 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.234	3.780	1.775	10.170	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: .020, .040
 PIN SIZE / PIN #: 0.9752 / 0975X300K
 RINGSET PART#: 4250AM8 .005 FTF for .020 and 4250M8.030 FTF for .040

NOTES: Centered pin. Narrow small end of rod to 1" width.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				61cc	70cc	74cc					
KBI63	KBI63 KTM	2-5/64, 1-3/16	FT 5.5cc 2V	12.7	11.4	11.0		724/143	.275	.254-2.296"	.254-2.296"

FORD 427FE • 6.490 ROD • STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.234	3.780	1.775	10.170	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: .020, .040
 PIN SIZE / PIN #: 0.9752 / 0975X300K
 RINGSET PART#: 4250AM8 .005 FTF for .020 and 4234AM8.040 FTF for .040

NOTES: Centered pin. Narrow small end of rod to 1" width.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				61cc	70cc	74cc					
KBI99	KBI99 KTM	2-5/64, 1-3/16	SDish 20cc 2V	10.8	9.9	9.6		703/143	.275	.260-2.370"	.260-2.370"

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FORD 428FE • 6.490 ROD • STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.130	3.980	1.673	10.170	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: .020, .040
 PIN SIZE / PIN #: 0.9752 / 0975X300K
 RINGSET PART#: 4130AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				60cc	68cc	73cc	88cc				
KB378	KB378 KTM	2-5/64, 1-3/16	SDish 28cc 2V	10.1	9.3	9.1	8.1	560/143	.308	.186-2.150"	.186-2.150"

FORD 429 • 6.605 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.360	3.590	1.900	10.320	PRH113-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 1.0400 / 1.040X300K
 RINGSET PART#: 4360AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				72cc	76cc	87cc	97cc				
KB368	KB368 KTM	2-5/64, 1-3/16	FT 2.5cc 1V	11.5	11.0	9.9	9.1	717/166	.264	.236-2.370"	NA

FORD 460 • 6.605 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.360	3.850	1.772	10.320	PRH113-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 1.0400 / 1.040X300K
 RINGSET PART#: 4360AM8

NOTES: Centered pin.
 †.020 Not Available

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				76cc	82cc	91cc	97cc				
†KB138	KB138 KTM	2-5/64, 1-3/16	D-Cup 22cc 1V	9.9	9.4	8.8	8.4	776/166	.300	.250-2.450"	NA
KB206	KB206 KTM	2-5/64, 1-3/16	D-Cup 15cc 1V	10.5	9.9	9.2	8.8	736/166	.300	.250-2.450"	NA

FORD 460 • 6.605 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.360	3.850	1.772	10.320	PRH113-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 1.0400 / 1.040X300K
 RINGSET PART#: 4360AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				76cc	82cc	91cc	97cc				
KB137	KB137 KTM	2-5/64, 1-3/16	FT 2.5cc 1V	11.8	11.0	10.2	9.7	750/166	.273	.236-2.370"	NA

FORD 460 • 6.605 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.360	3.850	1.772	10.320	PRH113-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 1.0400 / 1.040X300K
 RINGSET PART#: 4360BD8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				76cc	82cc	91cc	97cc				
KB401	KB401 KTD	2-1/16 1-3/16	SD-11cc IV	13.7	12.8	11.6	11.0	798/166	.273	.236-2.370"	.040-1.950"

FORD 501 • 6.700 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.360	4.140	1.530	10.320	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040
 PIN SIZE / PIN #: 0.9898 / 0990X300K
 RINGSET PART#: 4360AM8

NOTES: Centered pin. Made from Ford 460 block. Check rod side clearance.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				76cc	82cc	91cc	97cc				
KB318	KB318 KTM	2-5/64, 1-3/16	D-Cup 33cc IV	9.6	9.2	8.7	8.3	644/158	.251	.250-2.450"	NA

FORD 501 • 6.800 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.360	4.140	1.430	10.320	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9898 / 0990X300K
 RINGSET PART#: 4360AM8

NOTES: Centered pin. Made from Ford 460 block. Check rod side clearance.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				76cc	82cc	91cc	97cc				
KB152	KB152 KTM	2-5/64, 1-3/16	D-Cup 20cc IV	10.7	10.2	9.5	9.1	659/158	.300	.175-2.370"	NA

FORD 521 • 6.700 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.360	4.300	1.450	10.320	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9898 / 0990X300K
 RINGSET PART#: 4360BD8

NOTES: Centered pin. Made from Ford 460 block. Check rod side clearance.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				76cc	82cc	91cc	97cc				
KB403	KB403 KTD	2-1/16, 1-3/16	D-Cup 30cc IV	10.2	9.7	9.1	8.8	623/158	.287	.251-2.450"	NA

FORD 521 • 6.800 ROD • STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.360	4.300	1.350	10.320	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9898 / 0990X300K
 RINGSET PART#: 4360BD8

NOTES: Centered pin. Includes spacer ring. Made from Ford 460 block. Check rod side clearance.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				76cc	82cc	91cc	97cc				
KB402	KB402 KTD	2-1/16, 1-3/16	SDish 20.5cc IV	11.0	10.5	9.8	9.4	606/158	.300	.236-2.370"	NA

FORD 545 • 6.700 ROD • STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.360	4.500	1.350	10.320	PRG110-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9898 / 0990X300K
 RINGSET PART#: 4360BD8

NOTES: Centered pin. Includes spacer ring. Made from Ford 460 block. Check rod side clearance.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				76cc	82cc	91cc	97cc				
KB402	KB402 KTD	2-1/16, 1-3/16	SDish 20.5cc IV	11.5	10.9	10.2	9.8	606/158	.300	.236-2.370"	NA

HOLDEN

KB HYPEREUTECTIC

HOLDEN 308 • 5.622 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.062	1.700	8.865	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040
 PIN SIZE / PIN #: 0.9272 / 0927X216K
 RINGSET PART#: 4000AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO			GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				57cc	61cc	63cc				
KB282	KB282 KTM	2-5/64, 1-3/16	FT 0cc	10.8	10.2	10.0	528/102	.210	NA	NA

OLDSMOBILE 403 • 6.000 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.351	3.385	1.615	9.312	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: .024, .039
PIN SIZE / PIN #: 0.9805 / 0980X300K
RINGSET PART#: for the .024 is 4250BD8.125 and the .039 is 4360BD8.035

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 83cc 96cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB405	KB405 KTD	2-1/16, 1-3/16	D-Cup 6cc 2V	9.5 8.5	685/147	.281	NA	NA

OLDSMOBILE 455 • 6.735 ROD • STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.126	4.250	1.750	10.625	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: .020, .030, .040, .060
PIN SIZE / PIN #: 0.9805 / 0980X300K
RINGSET PART#: 4125AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 70cc 75cc 80cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB132	KB132 KTM	2-5/64, 1-3/16	SDish 30cc	9.7 9.3 8.9	585/147	.300	.070-2.000"	.070-2.000"

OLDSMOBILE 455 • 6.735 ROD • D-CUP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.126	4.250	1.750	10.625	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
PIN SIZE / PIN #: 0.9805 / 0980X300K
RINGSET PART#: 4125AM8

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 70cc 75cc 80cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB277	KB277 KTM	2-5/64, 1-3/16	D-Cup 15cc	11.1 10.6 10.1	666/147	.210	NA	NA

PHONE: 800-648-7970 or 775-882-7790

FAX: 775-882-7773

EMAIL: tech@uempistons.com

WEB: www.uempistons.com

PONTIAC 151 • 6.000 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.000	3.000	1.600	9.125	PRJ100-3	HYPEREUTECTIC 390

OVERSIZES: STD, .020, .030, .040, .060
 PIN SIZE / PIN #: 0.9272 / 0927X300K
 RINGSET PART#: 4000AM4

NOTES: Centered pin.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				56cc	66cc						
KB223	KB223 KTM	2-5/64, 1-3/16	FT 0cc No Valve	10.7	9.4			597/145	.203	NA	NA

PONTIAC 389 • 6.630 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.0626	3.750	1.720	10.250	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9805 / 0980X300K
 RINGSET PART#: 4062AM8

NOTES: Centered pin. Designed for 20 degree heads, 1966 and earlier. This piston will not work with 14 degree heads. Check small end of rod to piston before assembly / .045" clearance per side minimum.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				71cc	87cc	96cc	111cc				
KB370	KB370 KTM	2-5/64, 1-3/16	FT 3.5cc 2V	10.7	9.2	8.5	7.6	609/163	.200	.237-2.100"	.237-2.100"

PONTIAC 400 • 6.630 ROD • D-CUP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.120	3.750	1.710	10.250	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: STD, .030, .040, .060
 PIN SIZE / PIN #: 0.9805 / 0980X300K
 RINGSET PART#: 4120AM8

NOTES: Centered pin. Designed for use with 14 and 20 degree head. Piston is .025 below factory deck. Check small end of rod to piston before assembly / .045" clearance per side minimum.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				71cc	87cc	96cc	111cc				
KB346	KB346 KTM	2-5/64, 1-3/16	D-Cup 17cc 2V	9.6	8.4	7.8	7.1	557/163	.300	.248-2.210"	.248-2.210"

PONTIAC 400 • 6.630 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.120	3.750	1.710	10.250	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9805 / 0980X300K
 RINGSET PART#: 4120AM8

NOTES: Centered pin. Designed for use with 14 degree head, 1967 and later. Piston is .025 below factory deck. Check small end of rod to piston before assembly / .045" clearance per side minimum.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				71cc	87cc	96cc	111cc				
KB133	KB133 KTM	2-5/64, 1-3/16	FT 6cc 2V	10.7	9.2	8.5	7.6	541/163	.300	.240-2.140"	.240-2.140"

PONTIAC 400 • 6.630 ROD • DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.120	3.750	1.710	10.250	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: * .980" / 0980X300K
 RINGSET PART#: 4120AM8

NOTES: Centered pin. Designed to work with 1967 and later I4° heads. Piston is .025" below a 10.250" deck. Check small end of rod to piston before assembly / .045" clearance per side minimum.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 100cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB422	KB422 KTM	2-5/64, 1-3/16	SD -10cc 2V	9.4	582/163	.300	.239-2.140"	.239-2.140"

PONTIAC 428 • 6.630 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.120	4.000	1.585	10.250	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9805 / 0980X300K
 RINGSET PART#: 4120AM8

NOTES: Centered pin. Designed for use with I4 degree heads. 1967 and later. Piston is .025 below factory deck. Check small end of rod to piston before assembly / .045" clearance per side minimum.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 71cc 87cc 96cc 111cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB304	KB304 KTM	2-5/64, 1-3/16	FT 6cc 2V	11.3 9.7 9.0 8.0	511/163	.275	.250-2.210"	.250-2.210"

PONTIAC 455 • 6.630 ROD • STEP DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.150	4.210	1.490	10.250	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9805 / 0980X300K
 RINGSET PART#: 4151FM8

NOTES: Centered pin. Designed for use with 14 and 20 degree head. Check small end of rod to piston before assembly / .045" clearance per side minimum.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 71cc 87cc 96cc 111cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB371	KB371 KTM	1-5/64, 1-1/16, 1-3/16	SDish 30.5cc 2V	9.6 8.5 8.1 7.3	483/163	.275	.248-2.210"	.248-2.210"

PONTIAC 455 • 6.630 ROD • FLAT TOP



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.150	4.210	1.490	10.250	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040, .060
 PIN SIZE / PIN #: 0.9805 / 0980X300K
 RINGSET PART#: 4151FM8

NOTES: Centered pin. Designed for use with 14 degree head, 1967 and later. Check small end of rod to piston before assembly / .045" clearance per side minimum.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO 71cc 87cc 96cc 111cc	GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
KB222	KB222 KTM	1-5/64, 1-1/16, 1-3/16	FT 6cc 2V	12.0 10.3 9.5 8.5	500/163	.190	.248-2.210"	.248-2.210"

PONTIAC 455 • 6.630 ROD • SOLID DOME



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
4.150	4.210	1.490	10.250	PRH107-3	HYPEREUTECTIC 390

OVERSIZES: .030, .040
PIN SIZE / PIN #: 0.9805 / 0980X300K
RINGSET PART#: 4151FM8

NOTES: Centered pin. Designed for use with 14 degree head, 1967 and later. Check small end of rod to piston before assembly / .045" clearance per side minimum.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				71cc	87cc	96cc	111cc				
KB347	KB347 KTM	1-5/64, 1-1/16, 1-3/16	.265" SD 0cc 2V	12.8	10.9	10.0	8.9	523/163	.275	.248-2.210"	.248-2.210"

SUZUKI

KB HYPEREUTECTIC

SUZUKI 1.6L / 2 VALVE • 5.491 ROD • QUENCH HEAD W/ DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
75mm / 2.953	3.546	1.140	8.416	SRW-011	HYPEREUTECTIC 390

OVERSIZES: STD, .5mm, .75mm, 1.0mm
PIN SIZE / PIN #: .748" / 19mm .749X216A
RINGSET PART#: 2952MS4

NOTES: *Sold as piston and ring kits only.
 Solid Quench Dome .018"
 Coated Skirts
 G16KC 8 Valve Engine

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				30cc Head							
*	KB417C	1.2mm, 1.5mm 2.8mm	QH w/Dish 5.9cc 2V	10.5				249/78	.238	.225" / 1.536"	.175" / 1.378"

TOYOTA

KB HYPEREUTECTIC

TOYOTA 22R • 5.825 ROD • DISH



BORE	STROKE	COMP HT.	O.E. DECK HT.	LOCKRING	ALLOY
92mm/3.622	3.504	1.365	SEE NOTES	RRN-86	HYPEREUTECTIC 390

OVERSIZES: STD, .25mm, .5mm, .75mm, 1.0mm
PIN SIZE / PIN #: 0.8665 / .866X216K
RINGSET PART#: 3622DD4

NOTES: Centered pin. Bore size in inches 3.622".
 Attention: Due to 3 block heights available, check deck clearance to determine compression ratio.
 1) 8.930" 89-95 22RE / + .012" above deck.
 2) 8.950" 85-95 22R, 22RR / - .008" below deck.
 3) 9.120" 81-84 22R / - 178" below deck.

PISTON#	PISTON & RINGS	RING PACK	DISH/DOME	COMP RATIO				GRAM WEIGHT	TOP LAND	INT. VALVE DEPTH/DIA.	EX. RELIEF DEPTH/DIA.
				56cc	60cc	62cc	82cc				
KB323	KB323 / KTD	2-1.5mm, 1-4mm	Dish 6.5cc 2V	9.7	9.2	9.0	7.3	365/99	.250	.218-2.000"	.124-1.676"

with .00" deck clearance and .040" gasket.

PHONE: 800-648-7970 or 775-882-7790

FAX: 775-882-7773

EMAIL: tech@uempistons.com

WEB: www.uempistons.com

NUMERICAL LISTING

Part #	MFG	DISP	ROD	Description	Ring Pack	Pg
9901HC	Chevy	350	5.700	FLAT TOP 7cc 4V	2-5/64, 1-3/16	6
9902HC	Chevy	350	5.700	FLAT TOP 5cc 2V	2-5/64, 1-3/16	6
9903HC	Chevy	350	5.700	HLW DOME -14cc 2V	2-5/64, 1-3/16	6
9904HC	Chevy	350	5.700	SOLID DOME -4cc 2V	2-5/64, 1-3/16	6
9905HC	Chevy	350	5.700	SOLID DOME -10cc 2V	2-5/64, 1-3/16	6
9906HC	Chevy	383	5.700	FLAT TOP 5cc 2V	2-5/64, 1-3/16	7
9907HC	Chevy	377	5.700	FLAT TOP 5cc 2V	2-5/64, 1-3/16	7
9907HC	Chevy	400	5.565	FLAT TOP 5cc 2V	2-5/64, 1-3/16	8
9908HC	Chevy	350	6.000	FLAT TOP 5cc 2V	2-5/64, 1-3/16	6
9909HC	Chevy	383	6.000	FLAT TOP 5cc 2V	2-1/16, 1-3/16	8
9910HC	Chevy	383	5.700	SOLID DOME -4cc 2V	2-5/64, 1-3/16	7
9911HC	Chevy	400	5.700	FLAT TOP 5cc 2V	2-5/64, 1-3/16	8
9912HC	Chevy	383	5.700	DISH 13cc 2V	2-5/64, 1-3/16	7
9956HC	Chevy	383	5.700	CIRCULAR DISH 18cc	2-5/64, 1-3/16	7
KB100	Chevy	383	5.700	FLAT TOP 7cc 2V	2-1/16, 1-3/16	19
KB101	Chevy	350	5.700	D-CUP 22cc 2V	2-1/16, 1-3/16	15
KB102	Chevy	383	5.700	D-CUP 18cc 2V	2-1/16, 1-3/16	19
KB105	Chevy	350	5.700	SOLID DOME -.5cc 2V	2-1/16, 1-3/16	16
KB106	Chevy	350	5.700	FLAT TOP 7cc 2V	2-1/16, 1-3/16	16
KB107	Chrysler	360	6.123	FLAT TOP 5cc 2V	2-5/64, 1-3/16	29
KB108	Ford	351C	5.778	FLAT TOP 2cc 1V	2-1/16, 1-3/16	36
KB110	Ford	351WC	5.956	FLAT TOP 2cc 1V	2-1/16, 1-3/16	37
KB111	Chevy	383	5.700	SOLID DOME-.5cc 2V	2-1/16, 1-3/16	19
KB112	Chevy	350	6.000	FLAT TOP 7cc 2V	2-1/16, 1-3/16	17
KB113	Chevy	350	6.000	SOLID DOME -3.3cc 2V	2-1/16, 1-3/16	17
KB115	Ford	302	5.090	FLAT TOP 6.5cc 2V	2-5/64, 1-3/16	34
KB116	Ford	302	5.090	SOLID DOME -2.6cc 2V	2-5/64, 1-3/16	34
KB117	Ford	351WC	5.956	SOLID DOME -8cc 1V	2-1/16, 1-3/16	38
KB118	Chevy	350	5.700	D-CUP 22cc 2V	2-5/64, 1-3/16	15
KB119	Chevy	350	5.700	SOLID DOME -.5cc 2V	2-5/64, 1-3/16	16
KB120	Chevy	350	5.700	FLAT TOP 7cc 2V	2-5/64, 1-3/16	16
KB121	Chevy	383	5.700	D-CUP 28cc 2V	2-1/16, 1-3/16	19
KB122	Chevy	383	6.000	FLAT TOP 7cc 2V	2-1/16, 1-3/16	20
KB123	Chevy	383	6.000	SOLID DOME -3.3cc 2V	2-1/16, 1-3/16	20
KB124	Ford	351W	5.956	FLAT TOP 6.5cc 2V	2-1/16, 1-3/16	36
KB125	Chevy	400	5.700	FLAT TOP 7cc 2V	2-5/64, 1-3/16	21
KB126	Chevy	400	5.700	D-CUP 30cc 2V	2-5/64, 1-3/16	21
KB127	Chevy	400	5.700	SOLID DOME -.5cc 2V	2-5/64, 1-3/16	22
KB128	Chevy	400	6.000	FLAT TOP 7cc 2V	2-1/16, 1-3/16	22
KB129	Chevy	400	6.000	SOLID DOME -3.3cc 2V	2-1/16, 1-3/16	22
KB130	Chevy	400	6.000	D-CUP 18cc 2V	2-1/16, 1-3/16	22
KB132	Olds	455	6.735	STEP DISH 30cc	2-5/64, 1-3/16	44
KB133	Pontiac	400	6.630	FLAT TOP 6cc 2V	2-5/64, 1-3/16	45
KB134	Chevy	383	5.700	FLAT TOP 7cc 2V	2-5/64, 1-3/16	19
KB135	Chevy	383	5.700	D-CUP 18cc 2V	2-5/64, 1-3/16	19
KB136	Ford	351W	5.956	SOLID DOME-1cc 2V	2-1/16, 1-3/16	37
KB137	Ford	460	6.605	FLAT TOP 2.5cc 1V	2-5/64, 1-3/16	41
KB138	Ford	460	6.605	D-CUP 22cc 1V	2-5/64, 1-3/16	41
KB139	Chevy	400	5.700	FLAT TOP 7cc 2V	2-1/16, 1-3/16	21
KB140	Chevy	400	5.700	SOLID DOME -.5cc 2V	2-1/16, 1-3/16	22
KB142	Chevy	350	5.700	D-CUP 18cc 2V	2-5/64, 1-3/16	15
KB143	Chevy	305	5.700	FLAT TOP 5cc 2V	2-5/64, 1-3/16	13
KB144	Chevy	305	5.700	SOLID DOME -.5cc 2V	2-5/64, 1-3/16	13
KB147	Chevy	400	5.700	D-CUP 18cc 2V	2-5/64, 1-3/16	21
KB148	Ford	351C	5.778	D-CUP 13cc 1V	2-5/64, 1-3/16	35
KB149	Ford	351C	5.778	SOLID DOME-8cc 1V	2-1/16, 1-3/16	36
KB150	Ford	390FE	6.490	STEP DISH 20cc 2V	1-5/64, 1-3/32, 1-3/16	40
KB151	Ford	351W	5.956	FLAT TOP 6.5cc 2V	2-5/64, 1-3/16	36
KB152	Ford	501	6.800	D-CUP 20cc 1V	2-5/64, 1-3/16	42
KB153	Chevy	305	6.000	FLAT TOP 5cc 2V	2-1/16, 1-3/16	13
KB154	Chevy	327	6.000	FLAT TOP 6cc 2V	2-1/16, 1-3/16	14
KB155	Chevy	327	6.000	SOLID DOME -3.2cc 2V	2-1/16, 1-3/16	15
KB156	Chevy	327	5.700	FLAT TOP 7cc 2V	2-5/64, 1-3/16	14
KB157	Chevy	327	5.700	SOLID DOME -.5cc 2V	2-5/64, 1-3/16	14
KB158	Chevy	327	5.700	D-CUP 13cc 2V	2-5/64, 1-3/16	14
KB159	Chevy	377	5.700	D-CUP 12cc 2V	2-5/64, 1-3/16	17
KB159	Chevy	400	5.565	D-CUP 12cc 2V	2-5/64, 1-3/16	20
KB160	Chevy	396/402	6.135	CC HLW DOME-17cc 1V	2-5/64, 1-3/16	23
KB162	Chrysler	383	6.358	FLAT TOP 8cc 2V	2-5/64, 1-3/16	30
KB163	Ford	427FE	6.490	FLAT TOP 5.5cc 2V	2-5/64, 1-3/16	40
KB164	Chevy	383	6.000	D-CUP 19cc 2V	2-1/16, 1-3/16	20
KB165	Chevy	283	5.700	FLAT TOP 6cc 2V	2-5/64, 1-3/16	12
KB166	Chevy	283	5.700	SOLID DOME -4cc 2V	2-5/64, 1-3/16	12
KB167	Chrysler	318	6.123	FLAT TOP 5cc 2V	2-5/64, 1-3/16	28
KB168	Chevy	400	5.700	D-CUP 22cc 2V	2-5/64, 1-3/16	21
KB169	Chevy	350	6.000	D-CUP 14cc 2V	2-1/16, 1-3/16	16
KB171	Chevy	350	5.700	FLAT TOP 0cc No Valve	2-1/16, 1-3/16	16

Part #	MFG	DISP	ROD	Description	Ring Pack	Pg
KB172	Chevy	377	5.700	FLAT TOP 7cc 2V	2-5/64, 1-3/16	18
KB172	Chevy	400	5.565	FLAT TOP 7cc 2V	2-5/64, 1-3/16	21
KB173	Chevy	502	6.135	FLAT TOP 3cc 1V	2-1/16, 1-3/16	26
KB174	Chevy	502	6.135	CC SOLID DOM E-12cc 1V	2-1/16, 1-3/16	26
KB175	Chevy	502	6.135	D-CUP 19cc 1V	2-1/16, 1-3/16	26
KB176	Chevy	427	6.135	CC HLW DOME -17cc 1V	2-5/64, 1-3/16	23
KB177	Ford	351C	5.778	FLAT TOP 2cc 1V	2-5/64, 1-3/16	36
KB180	Chevy	350	5.700	HLW DOME -.59cc 2V	2-1/16, 1-3/16	16
KB181	Ford	351W	5.956	D-CUP 22cc 2V	2-5/64, 1-3/16	37
KB182	Chevy	377	5.700	SOLID DOME -3.3cc 2V	2-1/16, 1-3/16	18
KB182	Chevy	400	5.565	SOLID DOME -3.3cc 2V	2-1/16, 1-3/16	21
KB184	Chrysler	440	6.768	STEP HEAD -3.5cc 2V	2-5/64, 1-3/16	30
KB186	Chevy	334	5.700	D-CUP 10cc 2V	2-5/64, 1-3/16	15
KB189	Ford	416W	6.123	D-CUP 30cc 2V	2-5/64, 1-3/16	39
KB190	Chrysler	360	6.123	SOLID DOME -1.2cc 2V	2-5/64, 1-3/16	29
KB191	Chrysler	360	6.123	SOLID DOME -1.1.2cc 2V	2-5/64, 1-3/16	29
KB192	Ford	302	5.090	D-CUP 12cc 2V	2-5/64, 1-3/16	34
KB193	Chevy	350	5.700	D-CUP 12cc 2V	2-5/64, 1-3/16	15
KB194	Chevy	377	6.000	FLAT TOP 7cc 2V	2-1/16, 1-3/16	18
KB195	Chevy	377	6.000	SOLID DOME -3.3cc 2V	2-1/16, 1-3/16	18
KB197	Chevy	383	5.700	D-CUP 12cc 2V	2-5/64, 1-3/16	19
KB198	Chevy	350	5.700	FLAT TOP 6.5cc 4V	2-1/16, 1-3/16	16
KB199	Ford	427FE	6.490	STEP DISH 20cc 2V	2-5/64, 1-3/16	40
KB201	Chevy	454	6.135	CC S-DOME -1.2cc 1V	2-1/16, 1-3/16	24
KB202	Chevy	454	6.135	FLAT TOP 3cc 1V	2-5/64, 1-3/16	24
KB203	Chevy	454	6.135	CC S-DOME -1.2cc 1V	2-5/64, 1-3/16	24
KB206	Ford	460	6.605	D-CUP 15cc 1V	2-5/64, 1-3/16	41
KB207	Chevy	454	6.135	OC HLW DOME -26cc 1V	2-1/16, 1-3/16	24
KB209	Chevy	350	6.000	SOLID DOME -5.5cc 2V	2-1/16, 1-3/16	17
KB210	Chrysler	426	6.860	HEMI DOME -80cc 2V	2-5/64, 1-3/16	32
KB211	Chrysler	426	6.860	HEMI DOME -90cc 2V	2-5/64, 1-3/16	32
KB213	Chevy	350	5.700	HLW DOME -1.1cc 2V	2-5/64, 1-3/16	16
KB214	Chevy	350	5.700	HLW DOME -1.1cc 2V	2-1/16, 1-3/16	16
KB215	Chrysler	450	6.358	STEP HEAD -1.5cc 2V	2-5/64, 1-3/16	31
KB217	Ford	2.3L	5.205	FLAT TOP 4.5cc 2V	2-1/16, 1-3/16	33
KB218	Ford	2.3L	5.700	FLAT TOP 4.5cc 2V	2-1/16, 1-3/16	33
KB222	Pontiac	455	6.630	FLAT TOP 6cc 2V	1-5/64, 1-1/16, 1-3/16	46
KB223	Pontiac	151	6.000	FLAT TOP 0cc No Valve	2-5/64, 1-3/16	45
KB224	Chevy	489	6.135	FLAT TOP 3cc 1V	2-1/16, 1-3/16	24
KB224	Chevy	489	6.535	FLAT TOP 3cc 1V	2-1/16, 1-3/16	25
KB227	Chevy	427	6.135	OC HLW DOME -26cc 1V	2-5/64, 1-3/16	23
KB228	Chevy	350	5.700	FLAT TOP 7cc 4V	2-5/64, 1-3/16	16
KB229	Chevy	305	5.700	FLAT TOP 5.5cc 4V	2-5/64, 1-3/16	13
KB231	Chevy	350	5.700	FLAT TOP 6cc 2V	2-1/16, 1-3/16	16
KB232	Chrysler	360	6.123	STEP DISH 18cc 2V	2-5/64, 1-3/16	28
KB236	Chrysler	440	6.768	STEP HEAD 6cc 2V	2-5/64, 1-3/16	31
KB237	Chrysler	440	6.768	FLAT TOP 9cc 2V	2-5/64, 1-3/16	31
KB239	Chrysler	2.2L	5.945	FLAT TOP 5cc 2V	2-1.5mm, 1-4.0mm	27
KB240	Chrysler	400	6.358	FLAT TOP 8cc 2V	2-5/64, 1-3/16	30
KB241	Chrysler	2.0L	5.473	FLAT TOP 0cc No Valve	2-1.2mm, 1-3.0mm	27
KB243	Chrysler	340	6.123	FLAT TOP 6cc 2V	2-5/64, 1-3/16	28
KB246	Ford	347	5.400	FLAT TOP 6.5cc 2V	2-1/16, 1-3/16	35
KB251	Chrysler	450	6.358	STEP HEAD -4.4cc 2V	2-5/64, 1-3/16	31
KB253	Chevy	383	5.700	FLAT TOP 7cc 2V	2-1/16, 1-3/16	19
KB255	Ford	372W	6.200	SOLID DOME-1cc 2V	2-1/16, 1-3/16	38
KB257	Chevy	454	6.135	OC HLW DOME -26cc 1V	2-5/64, 1-3/16	24
KB260	Chevy	350	6.000	FLAT TOP 6cc 2V	2-1/16, 1-3/16	17
KB261	Ford	416W	6.200	FLAT TOP 6.5cc 2V	2-1/16, 1-3/16	39
KB268	Chrysler	2.2L	5.945	D-CUP 18cc 2V	2-1.5mm, 1-4.0mm	27
KB277	Olds	455	6.735	D-CUP 15cc	2-5/64, 1-3/16	44
KB280	Chrysler	450	6.768	STEP HEAD 0cc 2V	2-5/64, 1-3/16	31
KB281	Ford	302	5.090	FLAT TOP 6.5cc 2V	2-5/64, 1-3/16	34
KB282	Holden	308	5.622	FLAT TOP 0cc	2-5/64, 1-3/16	43
KB283	Chevy	350	6.200	FLAT TOP 6cc 2V	2-1/16, 1-3/16	17
KB284	Chevy	489	6.385	FLAT TOP 3cc 1V	2-1/16, 1-3/16	25
KB287	Chevy	454	6.135	D-CUP 18cc 1V	2-5/64, 1-3/16	23
KB289	Chrysler	392	6.958	FLAT TOP 4cc 2V	2-5/64, 1-3/16	32
KB290	Chrysler	392	6.958	HEMI DOME -22cc 2V	2-5/64, 1-3/16	32
KB301	Chevy	383	5.700	HLW DOME -1.1cc 2V	2-1/16, 1-3/16	19
KB302	Chevy	383	6.000	HLW DOME -1.1cc 2V	2-1/16, 1-3/16	20
KB303	Ford	351W	5.956	D-CUP 19.5cc 2V	2-5/64, 1-3/16	37
KB304	Pontiac	428	6.630	FLAT TOP 6cc 2V	2-5/64, 1-3/16	46
KB311	Ford	302	5.090	FLAT TOP 4cc 2V	2-5/64, 1-3/16	34
KB312	Ford	302	5.090	SOLID DOME -3cc 2V	2-5/64, 1-3/16	34
KB314	Ford	351W	5.956	SOLID DOME -.5cc 2V	2-1/16, 1-3/16	37
KB315						

NUMERICAL LISTING

Part #	MFG	DISP	ROD	Description	Ring Pack	Pg
KB319	Ford	408W	6.200	D-CUP 27.5cc 2V	2-1/16, 1-3/16	39
KB320	Ford	408W	6.200	FLAT TOP 6.5cc 2V	2-1/16, 1-3/16	39
KB323	Toyota	22R	5.825	DISH 6.5cc 2V	2-1.5m, 1-4m	47
KB332	Ford	347	5.400	SOLID DOME -11cc	2-1/16, 1-3/16	35
KB333	Ford	351W	6.580	FLAT TOP 6.5cc 2V	2-1/16, 1-3/16	37
KB346	Pontiac	400	6.630	D-CUP 17cc 2V	2-5/64, 1-3/16	45
KB347	Pontiac	455	6.630	SOLID DOME 0cc 2V	1-5/64, 1-1/16, 1-3/16	47
KB349	Ford	347	5.400	FLAT TOP 0cc	2-1/16, 1-3/16	35
KB350	Chevy	377	6.000	D-CUP 18cc 2V	2-1/16, 1-3/16	19
KB353	Cadillac	500	6.750	FLAT TOP 0cc	2-5/64, 1-3/16	11
KB355	Ford	331	5.400	D-CUP 10cc 2V	2-1/16, 1-3/16	34
KB356	Chrysler	408	6.123	STEP DISH 23.5cc 2V	2-5/64, 1-3/16	29
KB357	Buick	455	6.600	STEP DISH 26.7cc 2V	2-5/64, 1-3/16	11
KB359	Chevy	350	6.000	SOLID DOME -5cc 2V	2-1/16, 1-3/16	17
KB360	Chevy	427	6.135	CC HLW DOME -7cc IV	2-5/64, 1-3/16	23
KB361	Chevy	434	6.135	CC HLW DOME -17cc IV	2-5/64, 1-3/16	23
KB362	Chrysler	360	6.123	STEP DISH 19.4cc 2V	2-5/64, 1-3/16	28
KB364	Ford	302	5.090	D-CUP 22cc 2V	2-5/64, 1-3/16	34
KB364	Ford	393W	5.956	D-CUP 22cc 2V	2-5/64, 1-3/16	38
KB365	Ford	302	5.090	HOLLOW DOME -14.7 2V	2-5/64, 1-3/16	34
KB366	Ford	347	5.400	STEP DISH 16cc 2V	2-1/16, 1-3/16	35
KB368	Ford	429	6.605	FLAT TOP 2.5cc IV	2-5/64, 1-3/16	41
KB370	Pontiac	389	6.630	FLAT TOP 3.5cc 2V	2-5/64, 1-3/16	45
KB371	Pontiac	455	6.630	STEP DISH 30.5cc 2V	1-5/64, 1-1/16, 1-3/16	46
KB373	Chrysler	360	6.123	QUENCH HEAD 2.8cc 2V	2-5/64, 1-3/16	29
KB375	Chevy	400	6.000	HLW DOME -11cc 2V	2-1/16, 1-3/16	22
KB376	Chevy	400	5.700	HLW DOME -11cc 2V	2-5/64, 1-3/16	22
KB378	Ford	428FE	6.490	STEP DISH 28cc 2V	2-5/64, 1-3/16	41

Part #	MFG	DISP	ROD	Description	Ring Pack	Pg
KB379	Ford	351W	5.956	STEP DISH 15cc	2-1/16, 1-3/16	36
KB382	Cadillac	500	6.750	STEP DISH 28.5cc 2V	2-5/64, 1-3/16	11
KB385	Ford	408W	6.000	STEP DISH 28cc 2V	2-5/64, 1-3/16	38
KB389	Chevy	540	6.385	STEP DISH 10cc IV	2-1/16, 1-3/16	26
KB395	Cadillac	472	6.750	STEP DISH 26cc 2V	2-5/64, 1-3/16	11
KB397	Chevy	489	6.135	CC S-DOME -17cc IV	2-1/16, 1-3/16	24
KB397	Chevy	489	6.535	CC S-DOME -17cc IV	2-1/16, 1-3/16	25
KB398	Chevy	489	6.385	CC S-DOME -17cc IV	2-1/16, 1-3/16	25
KB399	Chrysler	318	6.123	SOLID DOME -6cc 2V	2-5/64, 1-3/16	28
KB400	Chrysler	383	6.358	SOLID DOME -6cc 2V	2-5/64, 1-3/16	30
KB401	Ford	460	6.605	SOLID DOME -11cc IV	2-5/64, 1-3/16	42
KB402	Ford	521	6.800	STEP DISH 20.5cc IV	2-1/16, 1-3/16	43
KB402	Ford	545	6.700	STEP DISH 20.5cc IV	2-1/16, 1-3/16	43
KB403	Ford	521	6.700	D-CUP 30cc IV	2-1/16, 1-3/16	42
KB404	Chevy	350	5.700	FLAT TOP 6.5cc 4V	2-1/16, 1-3/16	16
KB405	Olds	403	6.000	D-CUP 6cc 2V	2-1/16, 1-3/16	44
KB416	Chrysler	408	6.123	STEP DISH 25cc 2V	2-5/64, 1-3/16	29
KB417C	Suzuki	1.6L	5.491	QH w/DISH 5.9cc 2V	1.2, 1.5, 2.8mm	47
KB418	AMC	390	5.858	S-DISH 28cc	2-5/64, 1-3/16	10
KB419	AMC	401	5.858	S-DISH 28cc	2-5/64, 1-3/16	10
KB420	AMC	401	5.858	S-DISH 17.3cc	2-5/64, 1-3/16	10
KB422	Pontiac	408	6.630	DOME 10cc 2v	2-5/64, 1-3/16	46
KB424C	AMC	4.6L	6.123	DISH 27.5cc	2-5/64, 1-3/16	10

DIAMETRICAL LISTING

Bore	C/Ht	Part#	Pg
2.953	1.140	KB417C	47
3.445	1.240	KB241	27
3.445	1.594	KB239	27
3.445	1.594	KB268	27
3.622	1.375	KB323	47
3.736	1.261	KB153	13
3.736	1.433	KB186	15
3.736	1.561	KB143	13
3.736	1.561	KB144	13
3.736	1.561	KB229	13
3.780	1.090	KB218	33
3.780	1.590	KB217	33
3.875	1.805	KB165	12
3.875	1.805	KB166	12
3.910	1.810	KB167	28
3.910	1.810	KB399	28
4.000	1.061	KB283	17
4.000	1.090	KB246	35
4.000	1.090	KB332	35
4.000	1.090	KB349	35
4.000	1.090	KB366	35
4.000	1.130	9909HC	8
4.000	1.130	9956HC	7
4.000	1.130	KB122	20
4.000	1.130	KB123	20
4.000	1.130	KB164	20
4.000	1.130	KB302	20
4.000	1.160	KB333	37
4.000	1.170	KB355	34
4.000	1.251	KB261	39
4.000	1.261	KB112	17
4.000	1.261	KB113	17
4.000	1.261	KB169	16
4.000	1.261	KB209	17
4.000	1.261	KB260	17
4.000	1.261	KB359	17
4.000	1.265	9908HC	6
4.000	1.280	KB319	39
4.000	1.280	KB320	39
4.000	1.310	KB189	39
4.000	1.385	KB154	14
4.000	1.385	KB155	15

Bore	C/Ht	Part#	Pg
4.000	1.433	9906HC	7
4.000	1.433	9910HC	7
4.000	1.433	9912HC	7
4.000	1.433	KB100	19
4.000	1.433	KB102	19
4.000	1.433	KB111	19
4.000	1.433	KB121	19
4.000	1.433	KB134	19
4.000	1.433	KB135	19
4.000	1.433	KB197	19
4.000	1.433	KB253	19
4.000	1.433	KB301	19
4.000	1.440	KB255	38
4.000	1.465	KB356	29
4.000	1.465	KB416	29
4.000	1.490	KB385	38
4.000	1.561	KB101	15
4.000	1.561	KB105	16
4.000	1.561	KB106	16
4.000	1.561	KB118	15
4.000	1.561	KB119	16
4.000	1.561	KB120	16
4.000	1.561	KB142	15
4.000	1.561	KB171	16
4.000	1.561	KB180	16
4.000	1.561	KB193	15
4.000	1.561	KB198	16
4.000	1.561	KB213	16
4.000	1.561	KB214	16
4.000	1.561	KB228	16
4.000	1.561	KB231	16
4.000	1.561	KB404	16
4.000	1.565	9901HC	6
4.000	1.565	9902HC	6
4.000	1.565	9903HC	6
4.000	1.565	9904HC	6
4.000	1.565	9905HC	6
4.000	1.600	KB223	45
4.000	1.608	KB115	34
4.000	1.608	KB116	34
4.000	1.608	KB192	34
4.000	1.608	KB281	34

Bore	C/Ht	Part#	Pg
4.000	1.608	KB311	34
4.000	1.608	KB312	34
4.000	1.608	KB364	34
4.000	1.608	KB364	38
4.000	1.608	KB365	34
4.000	1.670	KB108	36
4.000	1.670	KB148	35
4.000	1.670	KB149	36
4.000	1.670	KB177	36
4.000	1.675	KB107	29
4.000	1.675	KB190	29
4.000	1.675	KB191	29
4.000	1.675	KB232	28
4.000	1.675	KB362	28
4.000	1.675	KB373	29
4.000	1.678	KB156	14
4.000	1.678	KB157	14
4.000	1.678	KB158	14
4.000	1.700	KB282	43
4.000	1.774	KB110	37
4.000	1.774	KB124	36
4.000	1.774	KB136	37
4.000	1.774	KB151	36
4.000	1.774	KB181	37
4.000	1.774	KB303	37
4.000	1.774	KB314	37
4.000	1.774	KB315	36
4.000	1.774	KB379	36
4.000	1.774	KB117	38
4.000	1.940	KB289	32
4.000	1.940	KB290	32
4.040	1.840	KB243	28
4.050	1.780	KB150	40
4.0626	1.720	KB370	45
4.120	1.595	KB304	46
4.120	1.710	KB133	45
4.120	1.710	KB346	45
4.120	1.710	KB422	46
4.125	1.130	KB128	22
4.125	1.130	KB129	22
4.125	1.130	KB130	22
4.125	1.130	KB375	22

Bore	C/Ht	Part#	Pg
4.125	1.261	KB194	18
4.125	1.261	KB195	18
4.125	1.261	KB350	19
4.125	1.433	9911HC	8
4.125	1.433	KB125	21
4.125	1.433	KB126	21
4.125	1.433	KB127	22
4.125	1.433	KB139	21
4.125	1.433	KB140	22
4.125	1.433	KB147	21
4.125	1.433	KB168	21
4.125	1.433	KB376	22
4.125	1.561	KB159	17
4.125	1.561	KB159	20
4.125	1.561	KB172	18
4.125	1.561	KB172	21
4.125	1.561	KB182	18
4.125	1.561	KB182	21
4.125	1.565	9907HC	7
4.125	1.565	9907HC	8
4.125	1.645	KB361	23
4.125	1.765	KB160	23
4.126	1.750	KB132	44
4.126	1.750	KB277	44
4.130	1.673	KB378	41
4.150	1.490	KB222	46
4.150	1.490	KB347	47
4.150	1.490	KB371	46
4.165	1.560	KB418	10
4.165	1.510	KB419	10
4.165	1.510	KB420	10
4.234	1.775	KB163	40
4.234	1.775	KB199	40
4.250	1.270	KB284	25
4.250	1.270	KB398	25
4.250	1.520	KB224	24
4.250	1.520	KB224	25
4.250	1.520	KB397	24
4.250	1.520	KB397	25
4.250	1.645	KB201	24
4.250	1.645	KB202	24
4.250	1.645	KB203	24

Bore	C/Ht	Part#	Pg
4.250	1.645	KB207	24
4.250	1.645	KB257	24
4.250	1.645	KB287	23
4.250	1.765	KB176	23
4.250	1.765	KB227	23
4.250	1.765	KB360	23
4.250	1.908	KB162	30
4.250	1.908	KB400	30
4.250	1.949	KB210	32
4.250	1.949	KB211	32
4.300	1.900	KB353	11
4.300	1.900	KB382	11
4.300	2.020	KB395	11
4.3125	2.010	KB357	11
4.320	1.992	KB184	30
4.320	2.057	KB236	31
4.320			