JE PISTONS®

THE INDUSTRY LEADER IN FORGED RACING PISTONS

AUTOMOTIVE CATALOG

VOLUME 22

ABOUT JE PISTONS

JE Pistons opened its doors for business in 1947 with one simple objective, to supply the racing community with the highest quality pistons and components available in the marketplace. Although times, Although people and equipment have changed over time, our objectives and goals have remained constant. Today, JE is the largest manufacturer of custom forged racing pistons in the world. Offering the shortest lead times in the industry and a 98% order fill rate, JE is the definitive source for all of your high performance needs.

The JE complex encompasses the most modern performance piston manufacturing equipment in the industry. JE's implementation of the most advanced CNC machining technologies available emphasizes our commitment to deliver the highest quality pistons, pins, rings and components available today. Industry leading processes like Ultra Crown®, a digital three-dimensional piston crown machining process, and Ultra Groove®, a machining operation that provides unprecedented flatness of ring grooves (tolerances to within millionths of an inch), are some examples of that commitment.

Our fully staffed, climate controlled QC (Quality Control) department utilizes the latest equipment to ensure expectation exceeding, consistent quality. F.E.A. (Finite Element Analysis), which predicts the thermal and structural stresses a piston will experience before it goes into service, enables JE to test and race-simulate our product before it ever sees a racetrack. Furthermore, the lessons we learn through our involvement in racing series like NASCAR, IndyCar, NHRA and many others, translate directly into the high quality, precision custom and shelf parts that we offer to you, our customer.

Our investment in technology and equipment is an investment in our future as well as our customers'. We preserve that investment by remaining committed to the philosophy of our founders; JE Pistons will always provide superior parts. Developed through extensive research, employing the latest high-tech manufacturing procedures and quality control.

MEMBER

714-898-9763

THE MOST FULLY FEATURED

OFF-THE-SHELF PISTON EVER!

FEATURING

ALIGNED GRAIN FLOW TECHNOLOGY

Ultra Series combines all our premium features and a revolutionary new forging technology into an off-the-shelf piston kit! This includes an Aligned Grain Flow Forging, a proprietary JE technology that aligns forging grain flow in critical areas to improve strength.

- Designed for Power: Every feature on Ultra Series Pistons are optimized to perform flawlessly in high high-horsepower racing engines. This includes lateral gas ports, thicker ring lands, and dual pin oiling.

- Aligned Grain Flow Forging: Exclusively available on JE Ultra Series, these optimized 2618 alloy forgings offer added strength over traditional 2618 forgings.

- "Perfect Skirt" Coating: This patented skirt coating reduces friction and provides a tighter clearance that eliminates cold-start slap and false knock on computer-controlled engines.

- Thermal Barrier Crown Coating: This ceramic-based coating reflects heat into the combustion chamber, therefore reducing piston crown temperatures and improving exhaust gas scavenging.

- 9310 Alloy Wrist Pins: These high strength, premium thick wall wrist pins are manufactured by Trend Performance in the USA.

- Ultra Series technology has been expanded into Powersports with specially designed UTV and Sport Bike applications

Easily find our Ultra Series listings highlighted in gold =

WARNING

This product contains chemicals known to the State of California to cause cancer and reproductive harm. www.P65Warnings.ca.gov

THE INDUSTRY

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WHAT'S NEW

@JEPISTONS Follow us on social or visit our website and subscribe to our newsletter to stay updated on the latest news/releases

ULTRA SERIES 3.5L ECOBOOST

Engineered specifically for the increasingly popular EcoBoost platform and field proven through engine builders making four-digit horsepower, JE's Ultra Series pistons for Gen I & Gen II 3.5L EcoBoost applications utilize our proprietary Aligned Grain Flow technology for a custom-level performance package available off the shelf.

- Piston crown designed and machined to retain optimal direct injection function, yet still achieve a 10.0:1 compression ratio
- Aligned Grain Flow forging process done in-house in the USA provides unmatched tensile strength characteristics, perfect for high-horsepower builds
- Thermal Barrier Ceramic crown coating reflects heat and protects piston crown from potential damages of excess combustion temperatures
- Perfect Skirt coating reduces operating friction and noise
- Lateral gas ports paired with 1.0mm x 1.2mm x 2.8mm ring package promote power through consistent ring seal
- Supplied with robust, 9310 steel, .210" wall wrist pins and available in standard, .015" overbore and .025" overbore bore size options

BMW / TOYOTA SUPRA B58B30

JE's latest boost-ready pistons are ready for battle in Toyota Supra and BMW B58B30 engine platforms, available in standard and overbore sizes with a 10.5:1 compression ratio.

- Constructed of forged 2618 aluminum with Forged Side Relief design to optimize strength-to-weight ratio
- Equipped with skirt coating and double-broach pin oilers to help deliver reliable performance through reduced friction and improved wear resistance
- Accumulator grooves minimizes combustion pressures below the top ring for improved, consistent ring seal
- Included 1.2mm PVD top x 1.2mm Napier second x 2.0mm PVD oil ring package
- Offset wrist pin helps reduce piston knock and operating noise

20 & 24-DEGREE BIG BLOCK CHEVY

We purpose-built the new 20° and 24° BBC pistons for the drag strip, packing our most advanced, custom-level features into an off-the-shelf, competitively priced package. These slugs are designed to work with the majority of 20° and 24° BBC cylinder heads on the market, utilize a robust .043" steel top, .043" ductile iron Napier second, and 3mm oil ring pack, and are available in a range of bore sizes from 4.600" to 4.625".

- Engineered, forged, and machined in-house in the USA using 2618-T6 aluminum
- Contact reduction grooves reduce operating friction and minimize pressure, promoting more power
- 3D undercrown milling for weight optimization
- Optimized dome design with fire slot for improved flame travel and combustion efficiency

13-DEGREE SMALL BLOCK CHEVY

Another addition to JE's strong lineup of circle track pistons is our all-new, 13-degree small block Chevy design. We worked closely with engine builders to design a dome and valve pocket profile that fits almost all aftermarket 13° SBC cylinder heads on the market.

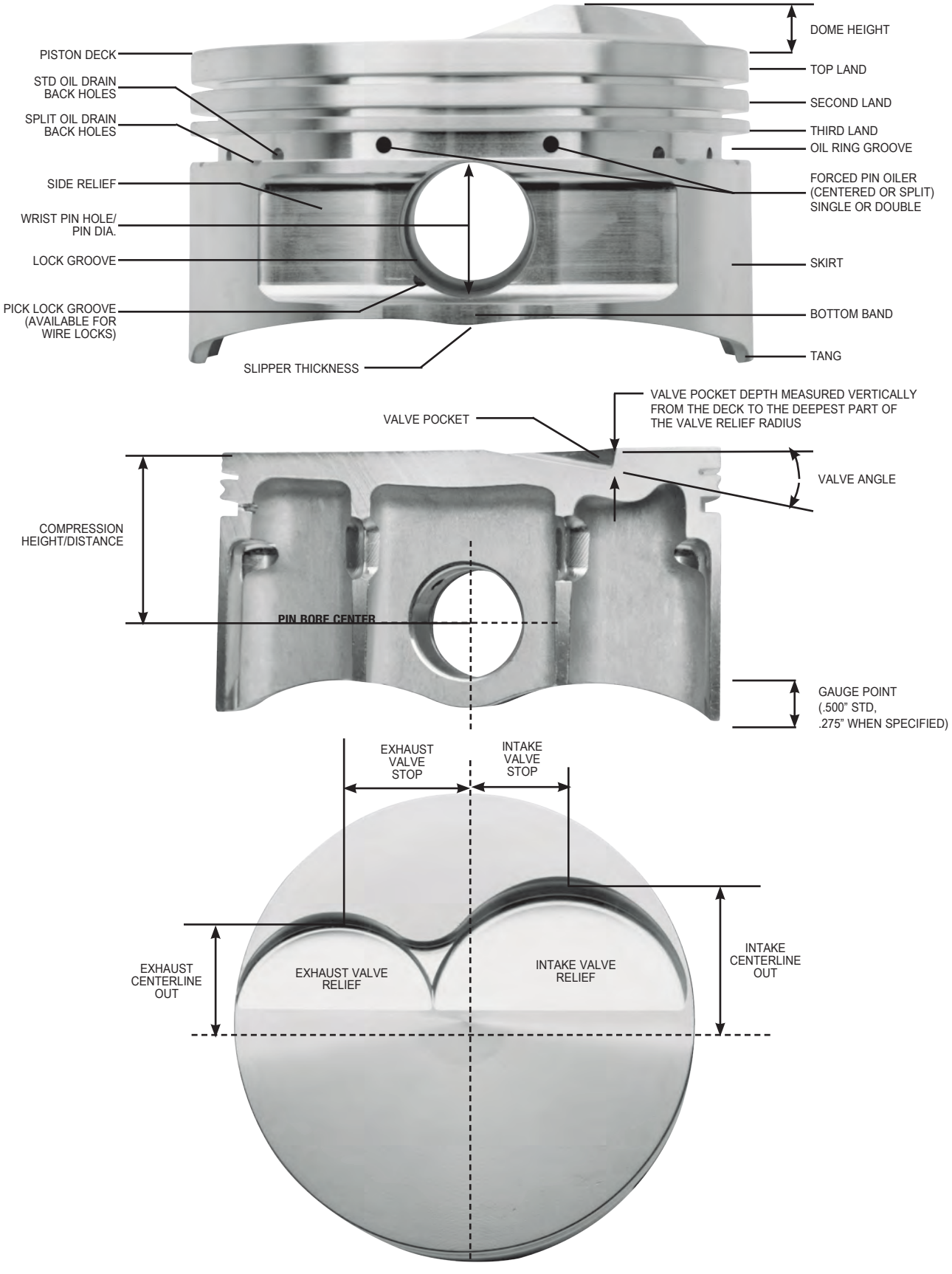
- Vertical gas ports help provide strong and consistent top ring seal
- Contact reduction grooves reduce operating friction and minimize pressure, promoting more power
- Power-adder accumulator groove traps excess gases to help prevent ring flutter, aiding in consistent ring seal and power delivery
- Double pin oiling with broaches maximizes wrist pin and pin bore lubrication, improving longevity through reduced friction
- Ultra-groove ring groove operation provides unmatched surface flatness, promoting consistent ring seal
- Specially designed dome and pocket profile to fit many aftermarket SBC 13° cylinder heads

ASCS 360 & LIGHTWEIGHT 2-BARREL FLAT TOP

Purpose-designed specifically for the demands of IMCA/USRA and ASCS racing, JE's 2-Barrel Lightweight Flat Top and ASCS 360 piston lineups offer race-focused engineering and features with off-the-shelf availability.

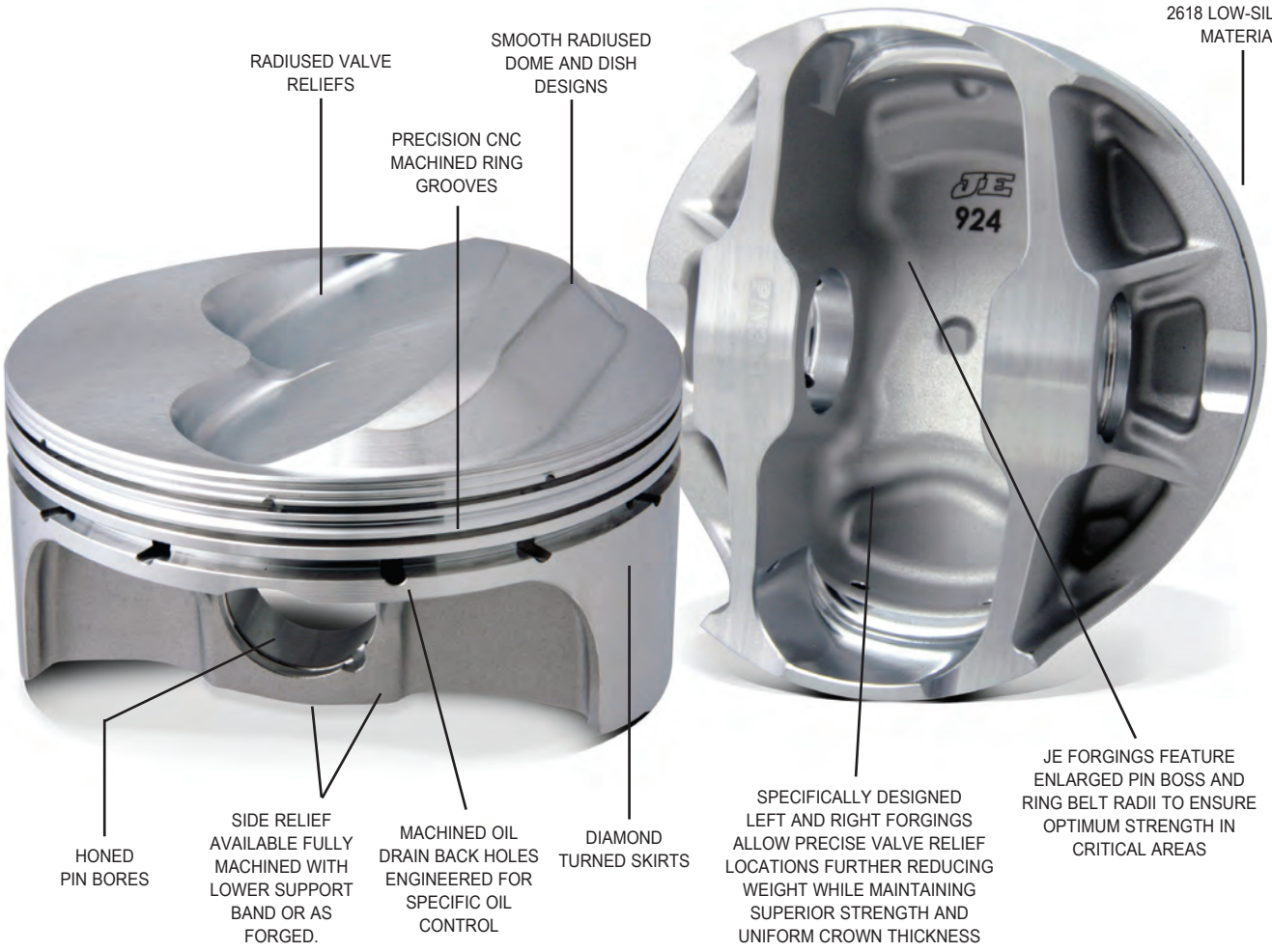
- 2-Barrel features an extremely lightweight (383g) design with strut lightening holes for maximized off-the-corner acceleration and improved windage
- ASCS 360 features a specially designed skirt shape to reduce piston rock at TDC and BDC, improving ring seal
- Strong and durable .220" minimum valve pocket thickness and 14.2cc dome with .330" intake pocket design on ASCS 360 series accommodates many popular racing cylinder head chamber designs
- Both series equipped with contact reduction grooves, accumulator groove and double pin oiling for minimized combustion pressure to provide consistent ring seal and improved pin and pin bore longevity through reduced friction
- 2-Barrel and ASCS series designed for robust .043" x .043" x 3.0mm ring package

PISTON TERMINOLOGY



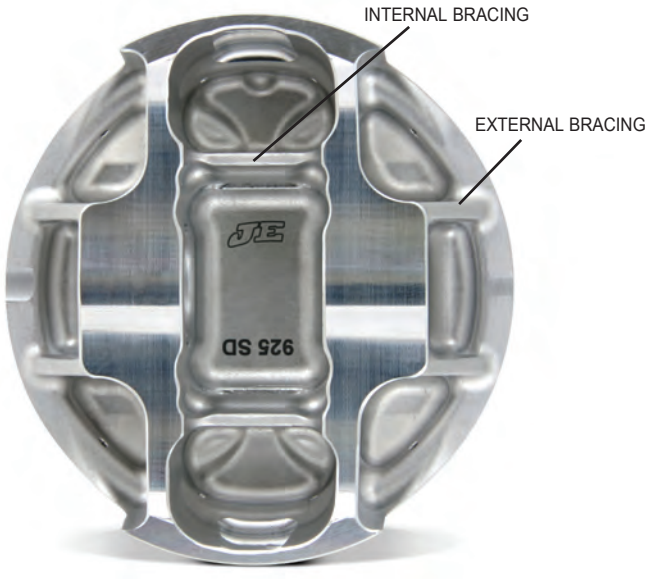
SHELF PISTON TERMINOLOGY

With over 300 individual forgings to choose from, JE is able to achieve specific piston design requirements while reducing overall weight.



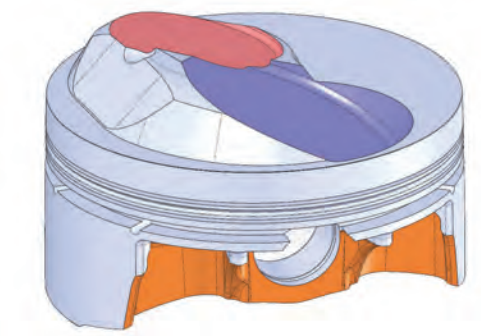
SHELF PISTON TERMINOLOGY

FSR (Forged Side Relief) forging designs feature a reduced skirt width and shorter wrist pin when compared to traditional “full round” style forgings. The narrow skirt helps minimize piston contact with the cylinder wall that can cause friction and power loss while the shortened wrist pins reduces the overall weight. Some FSR forgings feature internal and external bracing to provide a more rigid construction while minimizing overall weight. With thousands of race miles logged in the most demanding applications like NASCAR, NHRA Pro Stock and Indy Car, these pistons provide the ultimate combination of low-friction, lightweight design with increased stability and strength.



CUSTOM PISTONS

For decades, JE Pistons has manufactured custom pistons for thousands of applications. JE Piston's in-house engineering and manufacturing centers can produce a custom piston for almost any 4-stroke engine. To order custom pistons, please use the Custom Piston Order Form located in the back of this catalog, or download one from our website at www.JEpistons.com. Custom pistons do not include pins, locks or rings. Please see the components section of this catalog to select the proper components for your custom order.



APPLICATIONS INCLUDE:

Alfa Romeo	Buick	Dodge	Honda	Lamborghini	Mitsubishi	Porsche	Toyota
AMC	Cadillac	Ducati	Husqvarna	Lotus	Moto Guzzi	Radical	Triumph
Aston Martin	Caterham	Ferrari	Indian	Maserati	Noble	Renault	Vauxhall
Audi	Chevrolet	Fiat	Isuzu	Mazda	Oldsmobile	Rolls Royce	Volvo
Austin Healey	Chrysler	Ford	Jaguar	Mercedes	Opel	Saab	VW
Bentley	Citroen	Harley	Jeep	Benz	Peugeot	Skoda	Yamaha
BMW	Cosworth	Davidson	Kawasaki	Hyundai	Plymouth	Smart	and more...
BSA	Datsun	Holden	KTM	MG	Pontiac	Subaru	

PISTON COATINGS

THERMAL BARRIER CROWN COATING

Applied to the top of the piston and is designed to reflect heat into the combustion chamber, thereby increasing exhaust gas velocity and greatly improving scavenging potential. The .0015" thick coating can also assist in extending piston life by decreasing the rate of thermal transfer.

TUFF SKIRT® COATING

JE Pistons' trademark coating that is a lubricating, anti-friction/anti-wear coating applied to the piston skirt only. Unlike our standard Skirt Coating, Tuff Skirt will not wear and is designed to withstand many different types of endurance applications, similar to those commonly found in NASCAR. Buildup is .0005" per surface and finished diameter of skirt should include the coating buildup.

ANODIZED RING GROOVE COATING

Reduces wear and material transfer between the ring and groove. Shown to be very durable in maximum effort, high endurance applications. Appropriate manufacturing allowances apply.

KOOLKOTE

Is an aerospace quality hard anodize applied to all surfaces of the piston with a buildup of .001. This coating is designed for use in nitro-methane engines such as Top Fuel Drag Racing to endure the corrosive effects of this type of fuel. It will withstand greater temperatures and will not flake, chip or peel. This coating does alter the heat transfer and expansion characteristics of the piston. Consult the JE Pistons technical department for specific applications. Manufacturing allowances are required on all surfaces.

PERFECT SKIRT™

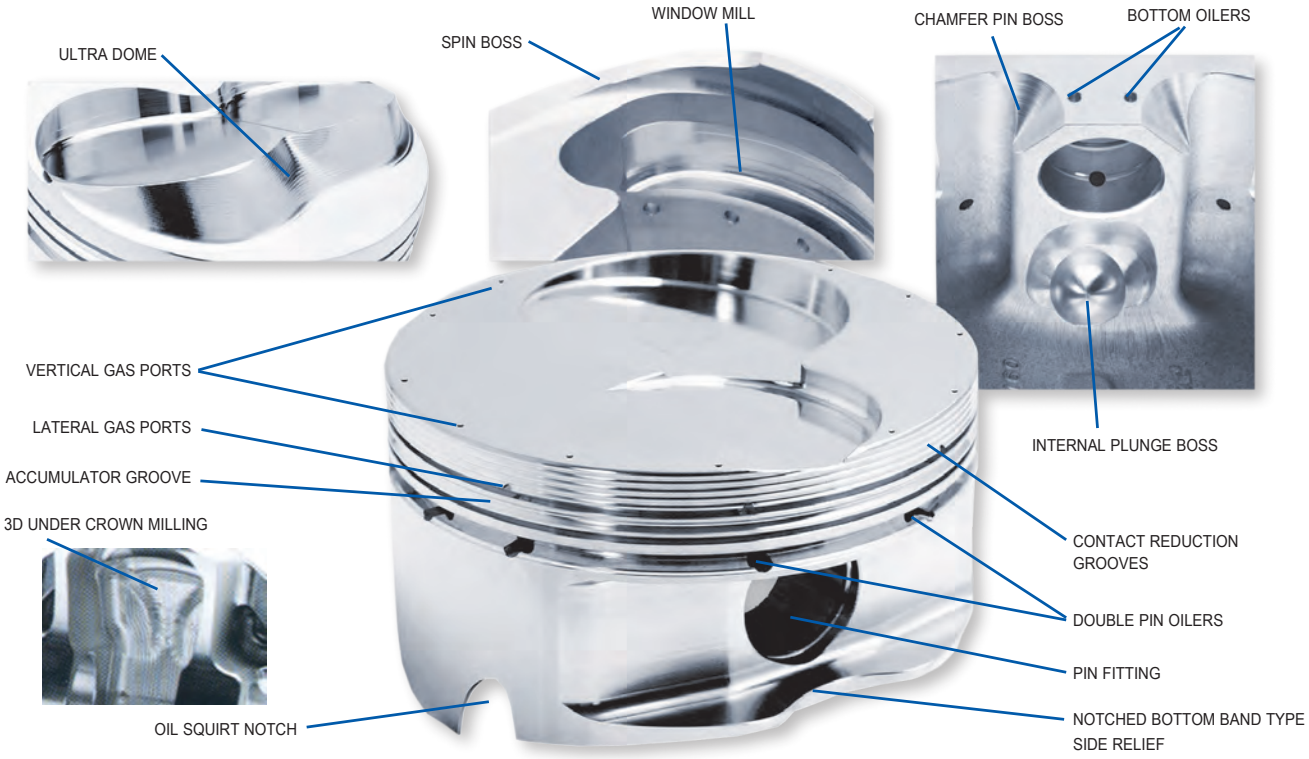
Perfect Skirt is a proprietary and patented skirt coating only offered by JE Pistons. Perfect Skirt is three-times thicker than traditional skirt coatings to allow racing pistons to have tighter piston-to-wall clearances similar to OEM applications. This decreases piston noise on startup and reduces cylinder bore wear. Additionally, this is beneficial for late-model engines, reducing the possibility of false knock sensor readings. Perfect Skirt will continuously conform to the shape of your cylinder's bore.

EN PLATING

Help reduce pitting and piston ring micro welding caused by detonation with JE's Electroless Nickel plating. Unlike other metal plating that loses hardness and softens when exposed to heat, Electroless Nickel gets harder as it runs. The plating is applied to the piston domes, ring grooves, and wrist pin bore to provide a lower coefficient of friction, reduce ring blow-by, and increase detonation protection. In addition, Electroless Nickel reflects heat and allows domes to run up to 68 degrees cooler.

STANDARD CUSTOM PISTON FEATURES

- Fully CNC Machined Piston
- Precision Machined CNC Ring Grooves
- 2618 Low-Silicon or optional 4032 High Silicon material available on some applications
- Diamond Turned Skirts
- Radiused Valve Reliefs
- Single Forced Pin Oilers
- Pick Lock Grooves (for use with wire locks)
- Machined Side Reliefs on full round forgings
- Lock Grooves Machined for Carbon Steel Spiro Locks (other options available)
- Engineered for your application!



ULTRA CROWN DOME / INVERTED DOME: The Ultra Crown machining process allows incredibly precise dome to cylinder head tolerances. By mapping the exact shape of a piston or cylinder head, optimum compression and quench characteristics can be achieved.

3D UNDER CROWN MILLING: The Under Crown machining process allows for uniform deck thickness, therefore creating a lighter and more durable piston.

VERTICAL GAS PORTS: Vertical holes in the deck of the piston, allows combustion pressure to directly enter behind the top ring on the power stroke, thus pressurizing the area behind the top ring for greater ring to cylinder wall seal. During the rest of the cycle, the ring has normal tension for reduced friction. (Most commonly used for drag race applications).

LATERAL GAS PORTS: This process mills slots into the top of the top ring groove and provides a pathway for combustion pressure to get behind the top ring. This process helps to increase ring seal and is most common in circle track applications.

ULTRA GROOVE: Ultra Groove is a special ring groove machining process that provides near perfect groove flatness and surface finish. Tolerances are held to millionths of an inch.

PIN BOSS & WINDOW MILLING: In certain applications window milling will remove a significant amount of weight from the skirt of the piston while maintaining its strength and integrity. Spin Boss refers to machining on the bottom of the pin boss, which removes weight where it is not needed for strength.

PLUNGE BOSS & CHAMFER PIN BOSS: Machining process that removes additional material for added weight savings.

CONTACT REDUCTION GROOVES: The purpose of machining these grooves is to reduce the amount of contact area against the cylinder wall when the piston "rocks over". Contact reduction also serves to disrupt the flame travel into the crevice area thus helping to reduce detonation.

ACCUMULATOR GROOVES: An accumulator groove is machined into the land between the top and second ring. It provides additional volume where residual combustion gases that have "blown by" the top ring can collect. This additional volume helps to reduce pressure between the top & second ring, thus aiding in top ring seal and minimizing ring flutter.

DOUBLE PIN OILERS: Double Pin Oilers deliver twice the amount of oil to the wrist pin as compared to the standard single pin oiler.

PIN FITTING: The pin bore is precision honed to attain an exact pin clearance. Clearances typically range from .0003 to .0010 between the wrist pin and pin bore.

OIL SQUIRT NOTCH: Notching can be done on pistons for motors with oil squirters, or to avoid contact between pistons and/or pistons and crankshaft.

BOTTOM OILERS: This process machines one or two holes into the bottom of the pin boss to assist in splash pin lubrication.

TULIP VALVE POCKETS: Most commonly used on Hemi and motorcycle engines, this process leaves a raised area on plunged valve pockets to achieve maximum compression.

SMALL BLOCK CHEVROLET

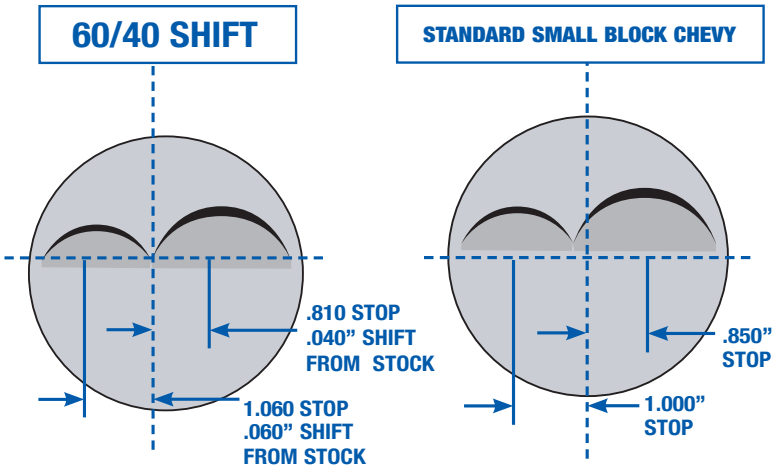
Originally developed in 1955 at 265 cubic inches, the small block Chevy engine has evolved into the most popular engine in history. With literally millions of factory production units in circulation, the performance aftermarket has exploded with countless variations of this engine. When choosing a piston, the choices can be reduced to a few simple steps.

Piston to cylinder head compatibility is determined by two major factors, dome shape/size and valve relief (VR) placement. VR placement on the piston is influenced by two characteristics of the particular cylinder head being used; valve angle and valve spacing. The following paragraph discusses the VR placement characteristics of the most popular small block Chevy cylinder head, the 23º.

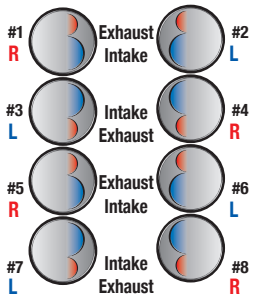
Factory GM heads are used to define standard valve spacing and angle (thus 23º) for many small block Chevy's. Additionally most 23º aftermarket cylinder heads incorporate what is commonly known as "60/40 Shift" (See diagram at right) in order to allow for larger valves. All JE flat top and inverted dome shelf piston designs accommodate "60/40 Shift" and will work with most aftermarket 23º cylinder heads, including those with oversized valves and angle milled surfaces. TFS "Twisted Wedge" and AFR227 cylinder heads will require custom pistons.

JE domed pistons share the same compatibility as the flat top and inverted dome pistons. Only the Pro Action/Pro Topline, Brodix 11X, GB2000, GM Vortec and the GM Fast Burn heads require special pistons in addition to those mentioned above. In some cases, as in the Pro Topline Lightning 23º, JE has designed specific shelf parts to suit these applications.

Although the 23º head is by far the most popular, the performance aftermarket industry has developed several variations that employ different valve angles and VR placements. These styles include cylinder heads such as the Brodix –12 15º, 17º/18º... etc. and have specific sections in our catalog dedicated to them. These special application shelf pistons will work with nearly any aftermarket head of the same valve angle style.

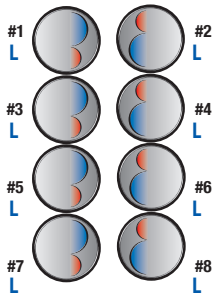


S/B CHEVY
Front of Engine



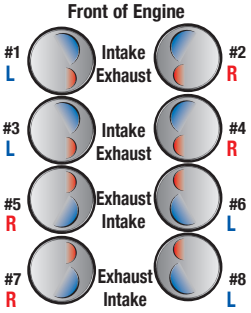
Lefts & Rights

LS SERIES
Front of Engine



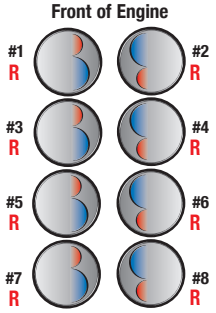
All Lefts

S/B 2.2
Front of Engine



Lefts & Rights

BD2000, DART/BUICK, GM SPLAYED
Front of Engine



All Rights

REMEMBER, always check piston to cylinder head clearance during assembly as shown in the diagram. If you have questions regarding the VR placement on your particular cylinder head, JE suggests that you contact the cylinder head manufacturer directly.

LS1 EXTREME DUTY FSR

We have redesigned and expanded our GM LS1 series product lines! These new pistons utilize our dedicated Forged Side Relief (FSR) forging that was specifically designed for the demands of the GM LS1 series of engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.5mm, 1.5mm, 3.0mm rings.

Features:
Accumulator Grooves
Offset Wrist Pin (Only on .927 Pin Diameters)

Includes:
Pin #927-2250-15-51C (106g) or #945-2250-15C (105g)
Round Wire Locks # 927-073-MW "

LS1 SERIES **Std Bore: 3.900** **Ring package designed for: 1.5, 1.5, 3MM Rings**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 64cc	66cc	72cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
321237	346	3.898	3.622	6.098	+.009	1.340	8.7:1	8.5:1	8.0:1	-19.5	421	.945 Pin	STD	JG6008-3905	GM1015-051
321238	347	3.905	3.622	6.098	+.009	1.340	8.7:1	8.5:1	8.0:1	-21.8	421	.945 Pin	.007	JG6008-3905	GM1015-051
321239	346	3.898	3.622	6.098	+.009	1.340	10.4:1	10.2:1	9.6:1	-2.0	433	.945 Pin	STD	JG6008-3905	GM1015-051
321240	347	3.905	3.622	6.098	+.009	1.340	10.4:1	10.2:1	9.6:1	-2.0	436	.945 Pin	.007	JG6008-3905	GM1015-051
321241	346	3.898	3.622	6.125	+.011	1.315	8.7:1	8.5:1	8.0:1	-19.9	421	.927 Pin	STD	JG6008-3905	GM1015-051
321242	347	3.905	3.622	6.125	+.011	1.315	8.7:1	8.5:1	8.0:1	-20.2	421	.927 Pin	.007	JG6008-3905	GM1015-051
321243	346	3.898	3.622	6.125	+.011	1.315	10.5:1	10.2:1	9.6:1	-2.0	432	.927 Pin	STD	JG6008-3905	GM1015-051
321244	347	3.905	3.622	6.125	+.011	1.315	10.5:1	10.3:1	9.6:1	-2.0	436	.927 Pin	.007	JG6008-3905	GM1015-051
321245	372	3.898	3.900	6.125	+.010	1.175	11.2:1	10.9:1	10.2:1	-2.0	421	.927 Pin	STD	JG6008-3905	GM1015-051
321246	374	3.905	3.900	6.125	+.010	1.175	11.2:1	11.0:1	10.2:1	-2.0	423	.927 Pin	.007	JG6008-3905	GM1015-051
326374	382	3.898	4.000	6.125	9.240	1.115	8.6:1	8.5:1	8.1:1	-29.9	399	.927 Pin	STD	JG6008-3905	GM1015-051
326375	383	3.905	4.000	6.125	9.240	1.115	8.6:1	8.5:1	8.1:1	-30.2	401	.927 Pin	.007	JG6008-3905	GM1015-051
326376	382	3.898	4.000	6.125	9.240	1.115	11.5:1	11.2:1	10.5:1	-2.0	412	.927 Pin	STD	JG6008-3905	GM1015-051
326377	383	3.905	4.000	6.125	9.240	1.115	11.5:1	11.2:1	10.5:1	-2.0	414	.927 Pin	.007	JG6008-3905	GM1015-051
321247	382	3.898	4.000	6.200	+.010	1.050	11.5:1	11.2:1	10.5:1	-2.0	405	.927 Pin	STD	JG6008-3905	GM1015-051
321248	383	3.905	4.000	6.200	+.010	1.050	11.5:1	11.2:1	10.5:1	-2.0	407	.927 Pin	.007	JG6008-3905	GM1015-051

GM LS7 FLAT TOP

JE offers the only aftermarket forged piston that matches the OEM LS7 asymmetrical piston design! These Asymmetrical FSR (Forged Side Relief) pistons are engineered for today's high power normally aspirated and forced induction LS7 engines. The exclusive asymmetrical skirt maintains a larger skirt area on the heavily stressed major thrust side, while reducing friction with a smaller skirt on the minor thrust side. The result is a high strength, lightweight piston that outperforms the competition! **Note: For applications over 800hp, a thicker wall wrist pin is recommended.**

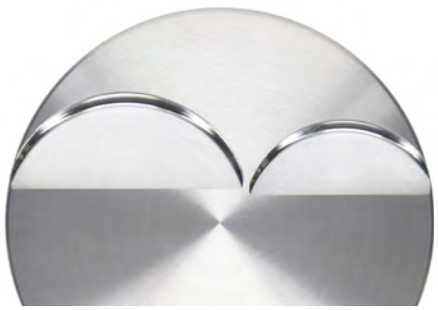
STOCK ROD MUST BE HONED TO ACCEPT .927" DIA PIN. MILLING OF ROD BALANCE PAD MAY BE NEEDED DUE TO VARIATION FROM FACTORY.

Features:
Accumulator Grooves
Double Pin Oilers
Offset Wrist Pin

Includes:
Pin #927-2250-15-51C (106g)
Round Wire Locks # 927-073-MW

LS7 SERIES **Std Bore: 4.125** **Ring package designed for: 1.2, 1.5, 3MM Rings**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters	70cc		Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
311902	427	4.125	4.000	6.077	9.240	1.163		11.7:1		-2.0	431	.927 Pin	STD	JG31F8-4125-2	GM1021-051
311903	428	4.1275	4.000	6.077	9.240	1.163		11.7:1		-2.0	432	.927 Pin	.0025	JG31F8-4125-2	GM1021-051
311904	429	4.130	4.000	6.077	9.240	1.163		11.7:1		-2.0	435	.927 Pin	.005	JG31F8-4135-2	GM1021-051
311905	427	4.125	4.000	6.125	9.240	1.115		11.7:1		-2.0	427	.927 Pin	STD	JG31F8-4125-2	GM1021-051
311906	428	4.1275	4.000	6.125	9.240	1.115		11.7:1		-2.0	426	.927 Pin	.0025	JG31F8-4125-2	GM1021-051
311907	429	4.130	4.000	6.125	9.240	1.115		11.7:1		-2.0	426	.927 Pin	.005	JG31F8-4135-2	GM1021-051
311909	438	4.125	4.100	6.125	9.240	1.065		12.0:1		-2.0	414	.927 Pin	STD	JG31F8-4125-2	GM1021-051
311910	438	4.1275	4.100	6.125	9.240	1.065		12.0:1		-2.0	415	.927 Pin	.0025	JG31F8-4125-2	GM1021-051
311911	439	4.130	4.100	6.125	9.240	1.065		12.0:1		-2.0	417	.927 Pin	.005	JG31F8-4135-2	GM1021-051



JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

GM LS7 INVERTED DOME

JE offers the only aftermarket forged piston that matches the OEM LS7 asymmetrical piston design! These Asymmetrical FSR (Forged Side Relief) pistons are engineered for today's high power normally aspirated and forced induction LS7 engines. The exclusive asymmetrical skirt maintains a larger skirt area on the heavily stressed major thrust side, while reducing friction with a smaller skirt on the minor thrust side. The result is a high strength, lightweight piston that outperforms the competition! **Note: For applications over 800hp, a thicker wall wrist pin is recommended.**

STOCK ROD MUST BE HONED TO ACCEPT .927" DIA PIN. MILLING OF ROD BALANCE PAD MAY BE NEEDED DUE TO VARIATION FROM FACTORY.

Features:
Accumulator Grooves
Double Pin Oilers
Offset Wrist Pin

Includes:
Pin #927-2250-17-51C (116g)
Round Wire Locks # 927-073-MW

LS7 SERIES **Std Bore: 4.125** **Ring package designed for: 1.2, 1.5, 3MM Rings**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
								70cc							
								Compression Ratio							
311916	427	4.125	4.000	6.125	9.240	1.115		9.0:1		-30.0	427	.927 Pin	STD	JG31F8-4125-2	GM1021-051
311917	428	4.1275	4.000	6.125	9.240	1.115		9.0:1		-30.0	428	.927 Pin	.0025	JG31F8-4125-2	GM1021-051
311918	429	4.130	4.000	6.125	9.240	1.115		9.0:1		-30.0	429	.927 Pin	.005	JG31F8-4135-2	GM1021-051
311919	438	4.125	4.100	6.125	9.240	1.065		9.0:1		-33.0	415	.927 Pin	STD	JG31F8-4125-2	GM1021-051
311920	438	4.1275	4.100	6.125	9.240	1.065		9.0:1		-33.0	417	.927 Pin	.0025	JG31F8-4125-2	GM1021-051
311921	439	4.130	4.100	6.125	9.240	1.065		9.0:1		-33.0	419	.927 Pin	.005	JG31F8-4135-2	GM1021-051

GM LS7 DOME

JE offers the only aftermarket forged piston that matches the OEM LS7 asymmetrical piston design! These Asymmetrical FSR (Forged Side Relief) pistons are engineered for today's high power normally aspirated and forced induction LS7 engines. The exclusive asymmetrical skirt maintains a larger skirt area on the heavily stressed major thrust side, while reducing friction with a smaller skirt on the minor thrust side. The result is a high strength, lightweight piston that outperforms the competition! **Note: For applications over 800hp, a thicker wall wrist pin is recommended.**

STOCK ROD MUST BE HONED TO ACCEPT .927" DIA PIN. MILLING OF ROD BALANCE PAD MAY BE NEEDED DUE TO VARIATION FROM FACTORY.

Features:
Accumulator Grooves
Double Pin Oilers
Offset Wrist Pin

Includes:
Pin #927-2250-15-51C (106g)
Round Wire Locks # 927-073-MW

LS7 SERIES **Std Bore: 4.125** **Ring package designed for: 1.2, 1.5, 3MM Rings**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
								70cc							
								Compression Ratio							
311922	427	4.125	4.000	6.077	9.240	1.163		12.5:1		3.2	445	.927 Pin	STD	JG31F8-4125-2	GM1021-051
311923	428	4.1275	4.000	6.077	9.240	1.163		12.5:1		3.1	446	.927 Pin	.0025	JG31F8-4125-2	GM1021-051
311924	429	4.130	4.000	6.077	9.240	1.163		12.5:1		3.0	447	.927 Pin	.005	JG31F8-4135-2	GM1021-051
311925	427	4.125	4.000	6.125	9.240	1.115		12.5:1		3.2	438	.927 Pin	STD	JG31F8-4125-2	GM1021-051
311926	428	4.1275	4.000	6.125	9.240	1.115		12.5:1		3.1	439	.927 Pin	.0025	JG31F8-4125-2	GM1021-051
311927	429	4.130	4.000	6.125	9.240	1.115		12.5:1		3.0	440	.927 Pin	.005	JG31F8-4135-2	GM1021-051
311928	438	4.125	4.100	6.125	9.240	1.065		12.5:1		1.3	430	.927 Pin	STD	JG31F8-4125-2	GM1021-051
311929	438	4.1275	4.100	6.125	9.240	1.065		12.5:1		1.2	431	.927 Pin	.0025	JG31F8-4125-2	GM1021-051
311930	439	4.130	4.100	6.125	9.240	1.065		12.5:1		1.1	432	.927 Pin	.005	JG31F8-4135-2	GM1021-051

GM LS FLAT TOP

Hands down, the best forged piston for your high performance LS engine! Our Asymmetrical FSR (Forged Side Relief) forging is engineered for today's high power normally aspirated and forced induction LS engines. The exclusive asymmetrical skirt maintains a larger skirt area on the heavily stressed major thrust side, while reducing friction with a smaller skirt on the minor thrust side. The result is a high strength, lightweight piston that outperforms the competition!
Note: For applications over 800hp, a thicker wall wrist pin is recommended.

Combination 12° & 15° Valve Pockets

Features:
Accumulator Grooves
Double Pin Oilers
Offset Wrist Pin

Includes:
Pin #945-2250-15-51C (105g) For use with 6.098 Rod Length
Pin #927-2250-15-51C (106g) For use with 6.125 Rod Length
Round Wire Locks # 927-073-MW

LS SERIES **Std Bore: 4.000 LS2, 4.065 LS3, 4.125 LS7** **Ring package designed for: 1.2, 1.5, 3MM Rings & 1.5, 1.5, 3.0MM**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							64cc	68cc	70cc						
							Compression Ratio								
311955	364	4.000	3.622	6.098	9.240	1.340	10.6:1	10.1:1	9.9:1	-5.0	406	.945 Pin	STD LS2	JG3108-4000-7	GM1016-051
311956	365	4.005	3.622	6.098	9.240	1.340	10.6:1	10.1:1	9.9:1	-5.0	411	.945 Pin	.005 LS2	JG3108-4000-7	GM1016-051
311957	366	4.010	3.622	6.098	9.240	1.340	10.6:1	10.2:1	9.9:1	-5.0	415	.945 Pin	.010 LS2	JG3108-4010-4	GM1016-051
311958	370	4.030	3.622	6.098	9.240	1.340	10.7:1	10.2:1	10.0:1	-5.0	422	.945 Pin	.030 LS2	JG31F8-4030-2	GM1016-051

714-898-9763

LS SERIES Continued	Std Bore: 4.000 LS2, 4.065 LS3, 4.125 LS7	Ring package designed for: 1.2, 1.5, 3MM Rings & 1.5, 1.5, 3.0MM													
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							64cc	68cc	70cc						
							Compression Ratio								
311959	376	4.065	3.622	6.098	9.240	1.340	10.9:1	10.4:1	10.2:1	-5.0	422	.945 Pin	STD LS3	JG31F8-4070-0	GM1006-051
311960	377	4.070	3.622	6.098	9.240	1.340	10.9:1	10.4:1	10.2:1	-5.0	423	.945 Pin	.005 LS3	JG31F8-4070-0	GM1006-051
361710	364	4.000	3.622	6.125	9.240	1.304	10.6:1	10.1:1	9.9:1	-5.0		Ultra, BL	STD LS2	JG3108-4000-7	GM1016-051
361711	365	4.005	3.622	6.125	9.240	1.304	10.6:1	10.1:1	9.9:1	-5.0		Ultra, BL	.005 LS2	JG3108-4000-7	GM1016-051
361712	366	4.010	3.622	6.125	9.240	1.304	10.6:1	10.2:1	9.9:1	-5.0		Ultra, BL	.010 LS2	JG3108-4010-4	GM1016-051
360768	376	4.065	3.622	6.125	9.240	1.304	10.9:1	10.4:1	10.2:1	-5.0		Ultra, BL	STD LS3	JG31F8-4070-0	GM1006-051
360769	377	4.070	3.622	6.125	9.240	1.304	10.9:1	10.4:1	10.2:1	-5.0		Ultra, BL	.005 LS3	JG31F8-4070-0	GM1006-051
360770	378	4.075	3.622	6.125	9.240	1.304	10.9:1	10.4:1	10.2:1	-5.0		Ultra, BL	.010 LS3	JG3108-4075-5	GM1006-051
361713	387	4.125	3.622	6.125	9.240	1.304	11.1:1	10.6:1	10.4:1	-5.0		Ultra, BL	STD LS7	JG31F8-4125-2	GM1005-051
361714	388	4.130	3.622	6.125	9.240	1.304	11.1:1	10.6:1	10.4:1	-5.0		Ultra, BL	.005 LS7	JG31F8-4135-2	GM1005-051
361715	389	4.135	3.622	6.125	9.240	1.304	11.2:1	10.7:1	10.4:1	-5.0		Ultra, BL	.010 LS7	JG31F8-4135-2	GM1005-051
311961	364	4.000	3.622	6.125	9.240	1.304	10.6:1	10.1:1	9.9:1	-5.0	403	.927 Pin	STD LS2	JG3108-4000-7	GM1016-051
311962	365	4.005	3.622	6.125	9.240	1.304	10.6:1	10.1:1	9.9:1	-5.0	407	.927 Pin	.005 LS2	JG3108-4000-7	GM1016-051
311963	366	4.010	3.622	6.125	9.240	1.304	10.6:1	10.2:1	9.9:1	-5.0	418	.927 Pin	.010 LS2	JG3108-4010-4	GM1016-051
311964	370	4.030	3.622	6.125	9.240	1.304	10.7:1	10.2:1	10.0:1	-5.0	420	.927 Pin	.030 LS2	JG31F8-4030-2	GM1016-051
311965	376	4.065	3.622	6.125	9.240	1.304	10.9:1	10.4:1	10.2:1	-5.0	430	.927 Pin	STD LS3	JG31F8-4070-0	GM1006-051
311966	377	4.070	3.622	6.125	9.240	1.304	10.9:1	10.4:1	10.2:1	-5.0	426	.927 Pin	.005 LS3	JG31F8-4070-0	GM1006-051
311967	378	4.075	3.622	6.125	9.240	1.304	10.9:1	10.4:1	10.2:1	-5.0	428	.927 Pin	.010 LS3	JG3108-4075-5	GM1006-051
311968	378	4.080	3.622	6.125	9.240	1.304	10.9:1	10.4:1	10.2:1	-5.0	430	.927 Pin	.015 LS3	JG3108-4075-5	GM1006-051
311969	387	4.125	3.622	6.125	9.240	1.304	11.1:1	10.6:1	10.4:1	-5.0	437	.927 Pin	STD LS7	JG31F8-4125-2	GM1005-051
311970	388	4.130	3.622	6.125	9.240	1.304	11.1:1	10.6:1	10.4:1	-5.0	440	.927 Pin	.005 LS7	JG31F8-4135-2	GM1005-051
311971	389	4.135	3.622	6.125	9.240	1.304	11.2:1	10.7:1	10.4:1	-5.0	443	.927 Pin	.010 LS7	JG31F8-4135-2	GM1005-051
311972	393	4.155	3.622	6.125	9.240	1.304	11.3:1	10.8:1	10.5:1	-5.0	450	.927 Pin	.030 LS7	JG31F8-4155-3	
311973	399	4.185	3.622	6.125	9.240	1.304	11.4:1	10.9:1	10.6:1	-5.0	460	.927 Pin	.060 LS7	JG3108-4185-3	
323978	392	4.000	3.900	6.125	9.240	1.165	11.0:1	10.5:1	10.3:1	-5.0	378	.927 Pin	STD LS2	JG3108-4000-7	GM1016-051
323979	393	4.005	3.900	6.125	9.240	1.165	11.0:1	10.6:1	10.3:1	-5.0	379	.927 Pin	.005 LS2	JG3108-4000-7	GM1016-051
323980	394	4.010	3.900	6.125	9.240	1.165	11.0:1	10.6:1	10.3:1	-5.0	380	.927 Pin	.010 LS2	JG3108-4010-4	GM1016-051
323981	398	4.030	3.900	6.125	9.240	1.165	11.1:1	10.7:1	10.4:1	-5.0	385	.927 Pin	.030 LS2	JG31F8-4030-2	GM1016-051
323982	405	4.065	3.900	6.125	9.240	1.165	11.3:1	10.8:1	10.6:1	-5.0	388	.927 Pin	STD LS3	JG31F8-4070-0	GM1016-051
323983	406	4.070	3.900	6.125	9.240	1.165	11.3:1	10.8:1	10.6:1	-5.0	389	.927 Pin	.005 LS3	JG31F8-4070-0	GM1016-051
323984	407	4.075	3.900	6.125	9.240	1.165	11.3:1	10.8:1	10.6:1	-5.0	391	.927 Pin	.010 LS3	JG3108-4075-5	GM1006-051
323985	408	4.080	3.900	6.125	9.240	1.165	11.4:1	10.9:1	10.6:1	-5.0	379	.927 Pin	.015 LS3	JG3108-4075-5	GM1006-051
323986	417	4.125	3.900	6.125	9.240	1.165	11.5:1	11.1:1	10.8:1	-5.0	408	.927 Pin	STD LSX	JG31F8-4125-2	GM1005-051
323987	418	4.130	3.900	6.125	9.240	1.165	11.6:1	11.1:1	10.8:1	-5.0	409	.927 Pin	.005 LSX	JG31F8-4135-2	GM1005-051
323988	419	4.135	3.900	6.125	9.240	1.165	11.6:1	11.1:1	10.9:1	-5.0	411	.927 Pin	.010 LSX	JG31F8-4135-2	GM1005-051
323989	423	4.155	3.900	6.125	9.240	1.165	11.7:1	11.2:1	10.9:1	-5.0	415	.927 Pin	.030 LSX	JG31F8-4155-3	
323990	429	4.185	3.900	6.125	9.240	1.165	11.8:1	11.3:1	11.1:1	-5.0	420	.927 Pin	.060 LSX	JG3108-4185-3	
361716	402	4.000	4.000	6.125	9.240	1.115	11.6:1	11.1:1	10.8:1	-5.0		Ultra, BL	STD LS2	JG3108-4000-7	GM1016-051
361717	403	4.005	4.000	6.125	9.240	1.115	11.6:1	11.1:1	10.8:1	-5.0		Ultra, BL	.005 LS2	JG3108-4000-7	GM1016-051
361718	404	4.010	4.000	6.125	9.240	1.115	11.6:1	11.1:1	10.9:1	-5.0		Ultra, BL	.010 LS2	JG3108-4010-4	GM1016-051
360771	415	4.065	4.000	6.125	9.240	1.115	11.9:1	11.4:1	11.1:1	-5.0		Ultra, BL	STD LS3	JG31F8-4070-0	GM1006-051
360772	416	4.070	4.000	6.125	9.240	1.115	11.9:1	11.4:1	11.1:1	-5.0		Ultra, BL	.005 LS3	JG31F8-4070-0	GM1006-051
360773	417	4.075	4.000	6.125	9.240	1.115	11.9:1	11.4:1	11.2:1	-5.0		Ultra, BL	.010 LS3	JG3108-4075-5	GM1006-051
361719	427	4.125	4.000	6.125	9.240	1.115	12.2:1	11.6:1	11.4:1	-5.0		Ultra, BL	STD LSX	JG31F8-4125-2	GM1005-051
361720	429	4.130	4.000	6.125	9.240	1.115	12.2:1	11.7:1	11.4:1	-5.0		Ultra, BL	.005 LSX	JG31F8-4135-2	GM1005-051
361721	430	4.135	4.000	6.125	9.240	1.115	12.2:1	11.7:1	11.4:1	-5.0		Ultra, BL	.010 LSX	JG31F8-4135-2	GM1005-051
311976	402	4.000	4.000	6.125	9.240	1.115	11.6:1	11.1:1	10.8:1	-5.0	381	.927 Pin	STD LS2	JG3108-4000-7	GM1016-051
311977	403	4.005	4.000	6.125	9.240	1.115	11.6:1	11.1:1	10.8:1	-5.0	381	.927 Pin	.005 LS2	JG3108-4000-7	GM1016-051
311978	404	4.010	4.000	6.125	9.240	1.115	11.6:1	11.1:1	10.9:1	-5.0	385	.927 Pin	.010 LS2	JG3108-4010-4	GM1016-051
311979	408	4.030	4.000	6.125	9.240	1.115	11.7:1	11.2:1	11.0:1	-5.0	390	.927 Pin	.030 LS2	JG31F8-4030-2	GM1016-051
311980	415	4.065	4.000	6.125	9.240	1.115	11.9:1	11.4:1	11.1:1	-5.0	389	.927 Pin	STD LS3	JG31F8-4070-0	GM1006-051
311981	416	4.070	4.000	6.125	9.240	1.115	11.9:1	11.4:1	11.1:1	-5.0	397	.927 Pin	.005 LS3	JG31F8-4070-0	GM1006-051
311982	417	4.075	4.000	6.125	9.240	1.115	11.9:1	11.4:1	11.2:1	-5.0	400	.927 Pin	.010 LS3	JG3108-4075-5	GM1006-051
311984	418	4.080	4.000	6.125	9.240	1.115	12.0:1	11.4:1	11.2:1	-5.0	403	.927 Pin	.015 LS3	JG3108-4075-5	GM1006-051
311985	427	4.125	4.000	6.125	9.240	1.115	12.2:1	11.6:1	11.4:1	-5.0	413	.927 Pin	STD LS7	JG31F8-4125-2	GM1005-051
311986	429	4.130	4.000	6.125	9.240	1.115	12.2:1	11.7:1	11.4:1	-5.0	415	.927 Pin	.005 LS7	JG31F8-4135-2	GM1005-051
311987	430	4.135	4.000	6.125	9.240	1.115	12.2:1	11.7:1	11.4:1	-5.0	417	.927 Pin	.010 LS7	JG31F8-4135-2	GM1005-051

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

LS SERIES Continued	Std Bore: 4.000 LS2, 4.065 LS3, 4.125 LS7	Ring package designed for: 1.2, 1.5, 3MM Rings & 1.5, 1.5, 3.0MM													
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 64cc	68cc	70cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
311988	434	4.155	4.000	6.125	9.240	1.115	12.3:1	11.7:1	11.5:1	-5.0	430	.927 Pin	.030 LS7	JG31F8-4155-3	
311989	440	4.185	4.000	6.125	9.240	1.115	12.5:1	11.9:1	11.7:1	-5.0	440	.927 Pin	.060 LS7	JG3108-4185-3	
311990	413	4.000	4.100	6.125	9.240	1.065	11.8:1	11.3:1	11.1:1	-5.0	348	.927 Pin	STD LS2	JG3108-4000-7	GM1016-051
311991	413	4.005	4.100	6.125	9.240	1.065	11.9:1	11.3:1	11.1:1	-5.0	350	.927 Pin	.005 LS2	JG3108-4000-7	GM1016-051
311992	414	4.010	4.100	6.125	9.240	1.065	11.9:1	11.4:1	11.1:1	-5.0	355	.927 Pin	.010 LS2	JG3108-4010-4	GM1016-051
311993	418	4.030	4.100	6.125	9.240	1.065	12.0:1	11.5:1	11.2:1	-5.0	365	.927 Pin	.030 LS2	JG31F8-4030-2	GM1016-051
311994	426	4.065	4.100	6.125	9.240	1.065	12.2:1	11.6:1	11.4:1	-5.0	382	.927 Pin	STD LS3	JG31F8-4070-0	GM1006-051
311995	427	4.070	4.100	6.125	9.240	1.065	12.2:1	11.6:1	11.4:1	-5.0	384	.927 Pin	.005 LS3	JG31F8-4070-0	GM1006-051
311996	428	4.075	4.100	6.125	9.240	1.065	12.2:1	11.7:1	11.4:1	-5.0	388	.927 Pin	.010 LS3	JG3108-4075-5	GM1006-051
311997	429	4.080	4.100	6.125	9.240	1.065	12.2:1	11.7:1	11.4:1	-5.0	390	.927 Pin	.015 LS3	JG3108-4075-5	GM1006-051
311998	438	4.125	4.100	6.125	9.240	1.065	12.5:1	11.9:1	11.6:1	-5.0	406	.927 Pin	STD LS7	JG31F8-4125-2	GM1005-051
311999	439	4.130	4.100	6.125	9.240	1.065	12.5:1	11.9:1	11.7:1	-5.0	408	.927 Pin	.005 LS7	JG31F8-4135-2	GM1005-051
312000	440	4.135	4.100	6.125	9.240	1.065	12.5:1	12.0:1	11.7:1	-5.0	410	.927 Pin	.010 LS7	JG31F8-4135-2	GM1005-051
312001	445	4.155	4.100	6.125	9.240	1.065	12.6:1	12.0:1	11.8:1	-5.0	415	.927 Pin	.030 LS7	JG31F8-4155-3	
312002	451	4.185	4.100	6.125	9.240	1.065	12.8:1	12.2:1	11.9:1	-5.0	420	.927 Pin	.060 LS7	JG3108-4185-3	
371947	428	4.065	4.125	6.125	9.240	1.050	12.2:1	11.9:1	11.1:1	-5.0	381	.927 Pin	STD LS3	JG31F8-4070-0	GM1006-051
371948	429	4.070	4.125	6.125	9.240	1.050	12.2:1	11.9:1	11.2:1	-5.0	382	.927 Pin	.005 LS3	JG31F8-4070-0	GM1006-051
371949	430	4.075	4.125	6.125	9.240	1.050	12.2:1	11.9:1	11.2:1	-5.0	385	.927 Pin	.010 LS3	JG3108-4075-5	GM1006-051
371950	441	4.125	4.125	6.125	9.240	1.050	12.5:1	12.2:1	11.4:1	-5.0	404	.927 Pin	STD LS7	JG31F8-4125-2	GM1005-051
371951	442	4.130	4.125	6.125	9.240	1.050	12.5:1	12.2:1	11.4:1	-5.0	406	.927 Pin	.005 LS7	JG31F8-4130-0	GM1005-051
371952	443	4.135	4.125	6.125	9.240	1.050	12.5:1	12.2:1	11.5:1	-5.0	407	.927 Pin	.010 LS7	JG31F8-4135-2	GM1005-051
371953	447	4.155	4.125	6.125	9.240	1.050	12.6:1	12.3:1	11.5:1	-5.0	411	.927 Pin	.030 LS7	JG31F8-4155-3	

GM LS INVERTED DOME

Hands down, the best forged piston for your high performance LS engine! Our Asymmetrical FSR (Forged Side Relief) forging is engineered for today's high power normally aspirated and forced induction LS engines. The exclusive asymmetrical skirt maintains a larger skirt area on the heavily stressed major thrust side, while reducing friction with a smaller skirt on the minor thrust side. The result is a high strength, lightweight piston that outperforms the competition!
Note: For applications over 800hp, a thicker wall wrist pin is recommended.

Combination 12° & 15° Valve Pockets

Features:
Accumulator Grooves
Double Pin Oilers
Offset Wrist Pin

Includes:
Pin #945-2250-15-51C (105g) For use with 6.098 Rod Length
Pin #927-2250-15-51C (106g) For use with 6.125 Rod Length
Round Wire Locks # 927-073-MW

LS SERIES	Std Bore: 4.000 LS2, 4.065 LS3, 4.125 LS7	Ring package designed for: 1.2, 1.5, 3MM Rings & 1.5, 1.5, 3.0MM													
*LSA & LS9 Engines require oil squirter location modification for clearance. / OEM LSA Connecting Rods require milling for proper fitment															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 64cc	68cc	70cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
312018	364	4.000	3.622	6.098	9.240	1.340	9.3:1	9.0:1	8.8:1	-16.4	429	F, T	STD LS2	JG3108-4000-7	GM1016-051
312019	365	4.005	3.622	6.098	9.240	1.340	9.3:1	9.0:1	8.8:1	-16.6	432	F, T	.005 LS2	JG3108-4000-7	GM1016-051
312020	366	4.010	3.622	6.098	9.240	1.340	9.3:1	9.0:1	8.8:1	-16.8	435	F, T	.010 LS2	JG3108-4010-4	GM1016-051
312021	370	4.030	3.622	6.098	9.240	1.340	9.3:1	9.0:1	8.8:1	-17.7	445	F, T	.030 LS2	JG31F8-4030-2	GM1016-051
312022	376	4.065	3.622	6.098	9.240	1.340	9.3:1	9.0:1	8.8:1	-19.2	451	F, T	STD LS3	JG31F8-4070-0	GM1006-051
312023	377	4.070	3.622	6.098	9.240	1.340	9.3:1	9.0:1	8.8:1	-19.4	454	F, T	.005 LS3	JG31F8-4070-0	GM1006-051
361722	364	4.000	3.622	6.125	9.240	1.304	10.4:1	10.0:1	9.8:1	-6.0		Ultra, BL	STD LS2	JG3108-4000-7	GM1016-051
361723	365	4.005	3.622	6.125	9.240	1.304	10.4:1	10.0:1	9.8:1	-6.2		Ultra, BL	.005 LS2	JG3108-4000-7	GM1016-051
361724	366	4.010	3.622	6.125	9.240	1.304	10.4:1	10.0:1	9.8:1	-6.4		Ultra, BL	.010 LS2	JG3108-4010-4	GM1016-051
360774	376	4.065	3.622	6.125	9.240	1.304	10.4:1	10.0:1	9.8:1	-8.5		Ultra, BL	STD LS3	JG31F8-4070-0	GM1006-051
360775	377	4.070	3.622	6.125	9.240	1.304	10.4:1	10.0:1	9.8:1	-8.7		Ultra, BL	.005 LS3	JG31F8-4070-0	GM1006-051
360776	378	4.075	3.622	6.125	9.240	1.304	10.4:1	10.0:1	9.8:1	-8.9		Ultra, BL	.010 LS3	JG3108-4075-5	GM1006-051
361725	387	4.125	3.622	6.125	9.240	1.304	10.4:1	10.0:1	9.8:1	-10.8		Ultra, BL	STD LS7	JG31F8-4125-2	GM1005-051
361726	388	4.130	3.622	6.125	9.240	1.304	10.4:1	10.0:1	9.8:1	-10.9		Ultra, BL	.005 LS7	JG31F8-4135-2	GM1005-051
361727	389	4.135	3.622	6.125	9.240	1.304	10.4:1	10.0:1	9.8:1	-11.1		Ultra, BL	.010 LS7	JG31F8-4135-2	GM1005-051
312024	364	4.000	3.622	6.125	9.240	1.304	9.3:1	9.0:1	8.8:1	-16.4	427	F, T	STD LS2	JG3108-4000-7	GM1016-051
312025	365	4.005	3.622	6.125	9.240	1.304	9.3:1	9.0:1	8.8:1	-16.6	425	F, T	.005 LS2	JG3108-4000-7	GM1016-051
312026	366	4.010	3.622	6.125	9.240	1.304	9.3:1	9.0:1	8.8:1	-16.8	430	F, T	.010 LS2	JG3108-4010-4	GM1016-051

LS SERIES Continued **Std Bore: 4.000 LS2, 4.065 LS3, 4.125 LS7** **Ring package designed for: 1.2, 1.5, 3MM Rings & 1.5, 1.5, 3.0MM**

***LSA & LS9 Engines require oil squirter location modification for clearance. / OEM LSA Connecting Rods require milling for proper fitment**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							64cc	68cc	70cc						
							Compression Ratio								
312029	370	4.030	3.622	6.125	9.240	1.304	9.3:1	9.0:1	8.8:1	-17.7	435	F, T	.030 LS2	JG31F8-4030-2	GM1016-051
312030	376	4.065	3.622	6.125	9.240	1.304	9.3:1	9.0:1	8.8:1	-19.2	440	F, T	STD LS3	JG31F8-4070-0	GM1006-051
312031	377	4.070	3.622	6.125	9.240	1.304	9.3:1	9.0:1	8.8:1	-19.4	443	F, T	.005 LS3	JG31F8-4070-0	GM1006-051
312032	378	4.075	3.622	6.125	9.240	1.304	9.3:1	9.0:1	8.8:1	-19.6	445	F, T	.010 LS3	JG3108-4075-5	GM1006-051
312033	378	4.080	3.622	6.125	9.240	1.304	9.3:1	9.0:1	8.8:1	-19.8	450	F, T	.015 LS3	JG3108-4075-5	GM1006-051
312034	387	4.125	3.622	6.125	9.240	1.304	9.3:1	9.0:1	8.8:1	-21.8	458	F, T	STD LS7	JG31F8-4125-2	GM1005-051
312035	388	4.130	3.622	6.125	9.240	1.304	9.3:1	9.0:1	8.8:1	-22	460	F, T	.005 LS7	JG31F8-4135-2	GM1005-051
312036	389	4.135	3.622	6.125	9.240	1.304	9.3:1	9.0:1	8.8:1	-22.2	463	F, T	.010 LS7	JG31F8-4135-2	GM1005-051
312037	393	4.155	3.622	6.125	9.240	1.304	9.3:1	9.0:1	8.8:1	-23.1	470	F, T	.030 LS7	JG31F8-4155-3	
312038	399	4.185	3.622	6.125	9.240	1.304	9.3:1	9.0:1	8.8:1	-24.4	480	F, T	.060 LS7	JG3108-4185-3	
324029	392	4.000	3.900	6.125	9.240	1.165	9.3:1	9.0:1	8.8:1	-21.1	398	F, T	STD LS2	JG3108-4000-7	GM1016-051
324030	393	4.005	3.900	6.125	9.240	1.165	9.3:1	9.0:1	8.8:1	-21.3	400	F, T	.005 LS2	JG3108-4000-7	GM1016-051
324031	394	4.010	3.900	6.125	9.240	1.165	9.3:1	9.0:1	8.8:1	-21.6	401	F, T	.010 LS2	JG3108-4010-4	GM1016-051
324032	398	4.030	3.900	6.125	9.240	1.165	9.3:1	9.0:1	8.8:1	-22.5	405	F, T	.030 LS2	JG31F8-4030-2	GM1016-051
324033	405	4.065	3.900	6.125	9.240	1.165	9.3:1	9.0:1	8.8:1	-24.0	406	F, T	STD LS3	JG31F8-4070-0	GM1016-051
324041	406	4.070	3.900	6.125	9.240	1.165	9.3:1	9.0:1	8.8:1	-24.3	407	F, T	.005 LS3	JG31F8-4070-0	GM1016-051
324034	407	4.075	3.900	6.125	9.240	1.165	9.3:1	9.0:1	8.8:1	-24.5	408	F, T	.010 LS3	JG3108-4075-5	GM1006-051
324035	408	4.080	3.900	6.125	9.240	1.165	9.3:1	9.0:1	8.8:1	-24.7	409	F, T	.015 LS3	JG3108-4075-5	GM1006-051
324036	417	4.125	3.900	6.125	9.240	1.165	9.3:1	9.0:1	8.8:1	-26.8	427	F, T	STD LSX	JG31F8-4125-2	GM1005-051
324037	418	4.130	3.900	6.125	9.240	1.165	9.3:1	9.0:1	8.8:1	-27.0	428	F, T	.005 LSX	JG31F8-4135-2	GM1005-051
324038	419	4.135	3.900	6.125	9.240	1.165	9.3:1	9.0:1	8.8:1	-27.3	429	F, T	.010 LSX	JG31F8-4135-2	GM1005-051
324039	423	4.155	3.900	6.125	9.240	1.165	9.3:1	9.0:1	8.8:1	-28.2	435	F, T	.030 LSX	JG31F8-4155-3	
324040	429	4.185	3.900	6.125	9.240	1.165	9.3:1	9.0:1	8.8:1	-29.6	445	F, T	.060 LSX	JG3108-4185-3	
361728	402	4.000	4.000	6.125	9.240	1.115	10.4:1	10.0:1	9.8:1	-12.2		Ultra, BL	STD LS2	JG3108-4000-7	GM1016-051
361729	403	4.005	4.000	6.125	9.240	1.115	10.4:1	10.0:1	9.8:1	-12.5		Ultra, BL	.005 LS2	JG3108-4000-7	GM1016-051
361730	404	4.010	4.000	6.125	9.240	1.115	10.4:1	10.0:1	9.8:1	-12.7		Ultra, BL	.010 LS2	JG3108-4010-4	GM1016-051
360777	415	4.065	4.000	6.125	9.240	1.115	10.4:1	10.0:1	9.8:1	-14.9		Ultra, BL	STD LS3	JG31F8-4070-0	GM1006-051
360778	416	4.070	4.000	6.125	9.240	1.115	10.4:1	10.0:1	9.8:1	-15.1		Ultra, BL	.005 LS3	JG31F8-4070-0	GM1006-051
360779	417	4.075	4.000	6.125	9.240	1.115	10.4:1	10.0:1	9.8:1	-15.3		Ultra, BL	.010 LS3	JG3108-4075-5	GM1006-051
361731	427	4.125	4.000	6.125	9.240	1.115	10.4:1	10.0:1	9.8:1	-17.4		Ultra, BL	STD LSX	JG31F8-4125-2	GM1005-051
361732	429	4.130	4.000	6.125	9.240	1.115	10.4:1	10.0:1	9.8:1	-17.6		Ultra, BL	.005 LSX	JG31F8-4135-2	GM1005-051
361733	430	4.135	4.000	6.125	9.240	1.115	10.4:1	10.0:1	9.8:1	-17.8		Ultra, BL	.010 LSX	JG31F8-4135-2	GM1005-051
312039	402	4.000	4.000	6.125	9.240	1.115	9.3:1	9.0:1	8.8:1	-26.1	392	F, T	STD LS2	JG3108-4000-7	GM1016-051
312040	403	4.005	4.000	6.125	9.240	1.115	9.3:1	9.0:1	8.8:1	-26.4	394	F, T	.005 LS2	JG3108-4000-7	GM1016-051
312041	404	4.010	4.000	6.125	9.240	1.115	9.3:1	9.0:1	8.8:1	-26.6	396	F, T	.010 LS2	JG3108-4010-4	GM1016-051
312042	408	4.030	4.000	6.125	9.240	1.115	9.3:1	9.0:1	8.8:1	-27.6	397	F, T	.030 LS2	JG31F8-4030-2	GM1016-051
312043	415	4.065	4.000	6.125	9.240	1.115	9.3:1	9.0:1	8.8:1	-29.2	407	F, T	STD LS3	JG31F8-4070-0	GM1006-051
312044	416	4.070	4.000	6.125	9.240	1.115	9.3:1	9.0:1	8.8:1	-29.5	403	F, T	.005 LS3	JG31F8-4070-0	GM1006-051
312045	417	4.075	4.000	6.125	9.240	1.115	9.3:1	9.0:1	8.8:1	-29.7	405	F, T	.010 LS3	JG3108-4075-5	GM1006-051
312046	418	4.080	4.000	6.125	9.240	1.115	9.3:1	9.0:1	8.8:1	-30	406	F, T	.015 LS3	JG3108-4075-5	GM1006-051
312047	427	4.125	4.000	6.125	9.240	1.115	9.3:1	9.0:1	8.8:1	-32.1	420	F, T	STD LS7	JG31F8-4125-2	GM1005-051
312048	429	4.130	4.000	6.125	9.240	1.115	9.3:1	9.0:1	8.8:1	-32.4	418	F, T	.005 LS7	JG31F8-4135-2	GM1005-051
312049	430	4.135	4.000	6.125	9.240	1.115	9.3:1	9.0:1	8.8:1	-32.6	419	F, T	.010 LS7	JG31F8-4135-2	GM1005-051
312050	434	4.155	4.000	6.125	9.240	1.115	9.3:1	9.0:1	8.8:1	-33.6	425	F, T	.030 LS7	JG31F8-4155-3	
312051	440	4.185	4.000	6.125	9.240	1.115	9.3:1	9.0:1	8.8:1	-35	435	F, T	.060 LS7	JG3108-4185-3	
324060	402	4.000	4.000	6.125	9.240	1.115	10.9:1	10.5:1	10.3:1	-7.4	400	F, T	STD LS2	JG3108-4000-7	GM1016-051
324061	403	4.005	4.000	6.125	9.240	1.115	10.9:1	10.5:1	10.3:1	-7.6	401	F, T	.005 LS2	JG3108-4000-7	GM1016-051
324062	404	4.010	4.000	6.125	9.240	1.115	10.9:1	10.5:1	10.3:1	-7.8	402	F, T	.010 LS2	JG3108-4010-4	GM1016-051
324063	408	4.030	4.000	6.125	9.240	1.115	10.9:1	10.5:1	10.3:1	-8.6	406	F, T	.030 LS2	JG31F8-4030-2	GM1016-051
324064	415	4.065	4.000	6.125	9.240	1.115	10.9:1	10.5:1	10.3:1	-9.9	408	F, T	STD LS3	JG31F8-4070-0	GM1016-051
324065	416	4.070	4.000	6.125	9.240	1.115	10.9:1	10.5:1	10.3:1	-10.1	409	F, T	.005 LS3	JG31F8-4070-0	GM1016-051
324066	417	4.075	4.000	6.125	9.240	1.115	10.9:1	10.5:1	10.3:1	-10.3	410	F, T	.010 LS3	JG3108-4075-5	GM1006-051
324067	418	4.080	4.000	6.125	9.240	1.115	10.9:1	10.5:1	10.3:1	-10.5	413	F, T	.015 LS3	JG3108-4075-5	GM1006-051
324068	427	4.125	4.000	6.125	9.240	1.115	10.9:1	10.5:1	10.3:1	-12.2	441	F, T	STD LSX	JG31F8-4125-2	GM1005-051

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

LS SERIES Continued **Std Bore: 4.000 LS2, 4.065 LS3, 4.125 LS7** **Ring package designed for: 1.2, 1.5, 3MM Rings & 1.5, 1.5, 3.0MM**

*LSA & LS9 Engines require oil squirter location modification for clearance. / OEM LSA Connecting Rods require milling for proper fitment

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 64cc	68cc	70cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
324069	429	4.130	4.000	6.125	9.240	1.115	10.9:1	10.5:1	10.3:1	-12.4	442	F,T	.005 LSX	JG31F8-4135-2	GM1005-051
324070	430	4.135	4.000	6.125	9.240	1.115	10.9:1	10.5:1	10.3:1	-12.6	443	F,T	.010 LSX	JG31F8-4135-2	GM1005-051
324071	434	4.155	4.000	6.125	9.240	1.115	10.9:1	10.5:1	10.3:1	-13.4	450	F,T	.030 LSX	JG31F8-4155-3	
324072	440	4.185	4.000	6.125	9.240	1.115	10.9:1	10.5:1	10.3:1	-14.6	460	F,T	.060 LSX	JG3108-4185-3	
312052	413	4.000	4.100	6.125	9.240	1.065	9.3:1	9.0:1	8.8:1	-28.7	398	F,T	STD LS2	JG3108-4000-7	GM1016-051
312053	413	4.005	4.100	6.125	9.240	1.065	9.3:1	9.0:1	8.8:1	-29.0	399	F,T	.005 LS2	JG3108-4000-7	GM1016-051
312054	414	4.010	4.100	6.125	9.240	1.065	9.3:1	9.0:1	8.8:1	-29.2	400	F,T	.010 LS2	JG3108-4010-4	GM1016-051
312055	418	4.030	4.100	6.125	9.240	1.065	9.3:1	9.0:1	8.8:1	-30.2	410	F,T	.030 LS2	JG31F8-4030-2	GM1016-051
312056	426	4.065	4.100	6.125	9.240	1.065	9.3:1	9.0:1	8.8:1	-31.9	414	F,T	STD LS3	JG31F8-4070-0	GM1006-051
312057	427	4.070	4.100	6.125	9.240	1.065	9.3:1	9.0:1	8.8:1	-32.1	415	F,T	.005 LS3	JG31F8-4070-0	GM1006-051
312058	428	4.075	4.100	6.125	9.240	1.065	9.3:1	9.0:1	8.8:1	-32.4	416	F,T	.010 LS3	JG3108-4075-5	GM1006-051
312059	429	4.080	4.100	6.125	9.240	1.065	9.3:1	9.0:1	8.8:1	-32.6	418	F,T	.015 LS3	JG3108-4075-5	GM1006-051
312060	438	4.125	4.100	6.125	9.240	1.065	9.3:1	9.0:1	8.8:1	-34.9	432	F,T	STD LS7	JG31F8-4125-2	GM1005-051
312061	439	4.130	4.100	6.125	9.240	1.065	9.3:1	9.0:1	8.8:1	-35.1	434	F,T	.005 LS7	JG31F8-4135-2	GM1005-051
312062	440	4.135	4.100	6.125	9.240	1.065	9.3:1	9.0:1	8.8:1	-35.4	436	F,T	.010 LS7	JG31F8-4135-2	GM1005-051
312063	445	4.155	4.100	6.125	9.240	1.065	9.3:1	9.0:1	8.8:1	-36.4	444	F,T	.030 LS7	JG31F8-4155-3	
312064	451	4.185	4.100	6.125	9.240	1.065	9.3:1	9.0:1	8.8:1	-37.9	460	F,T	.060 LS7	JG3108-4185-3	
324073	413	4.000	4.100	6.125	9.240	1.065	10.9:1	10.5:1	10.3:1	-9.6	407	F,T	STD LS2	JG3108-4000-7	GM1016-051
324074	413	4.005	4.100	6.125	9.240	1.065	10.9:1	10.5:1	10.3:1	-9.8	408	F,T	.005 LS2	JG3108-4000-7	GM1016-051
324075	414	4.010	4.100	6.125	9.240	1.065	10.9:1	10.5:1	10.3:1	-10.0	409	F,T	.010 LS2	JG3108-4010-4	GM1016-051
324076	418	4.030	4.100	6.125	9.240	1.065	10.9:1	10.5:1	10.3:1	-10.8	410	F,T	.030 LS2	JG31F8-4030-2	GM1016-051
324077	426	4.065	4.100	6.125	9.240	1.065	10.9:1	10.5:1	10.3:1	-12.1	409	F,T	STD LS3	JG31F8-4070-0	GM1016-051
324078	427	4.070	4.100	6.125	9.240	1.065	10.9:1	10.5:1	10.3:1	-12.4	410	F,T	.005 LS3	JG31F8-4070-0	GM1016-051
324079	428	4.075	4.100	6.125	9.240	1.065	10.9:1	10.5:1	10.3:1	-12.6	411	F,T	.010 LS3	JG3108-4075-5	GM1006-051
324080	429	4.080	4.100	6.125	9.240	1.065	10.9:1	10.5:1	10.3:1	-12.8	412	F,T	.015 LS3	JG3108-4075-5	GM1006-051
324081	438	4.125	4.100	6.125	9.240	1.065	10.9:1	10.5:1	10.3:1	-14.6	417	F,T	STD LSX	JG31F8-4125-2	GM1005-051
324082	439	4.130	4.100	6.125	9.240	1.065	10.9:1	10.5:1	10.3:1	-14.8	418	F,T	.005 LSX	JG31F8-4135-2	GM1005-051
324083	440	4.135	4.100	6.125	9.240	1.065	10.9:1	10.5:1	10.3:1	-15.0	419	F,T	.010 LSX	JG31F8-4135-2	GM1005-051
324084	445	4.155	4.100	6.125	9.240	1.065	10.9:1	10.5:1	10.3:1	-15.8	430	F,T	.030 LSX	JG31F8-4155-3	
324085	451	4.185	4.100	6.125	9.240	1.065	10.9:1	10.5:1	10.3:1	-17.0	440	F,T	.060 LSX	JG3108-4185-3	

GM LS DOME - 15° HEAD

Hands down, the best forged piston for your high performance LS engine! Our Asymmetrical FSR (Forged Side Relief) forging is engineered for today's high power normally aspirated and forced induction LS engines. The exclusive asymmetrical skirt maintains a larger skirt area on the heavily stressed major thrust side, while reducing friction with a smaller skirt on the minor thrust side. The result is a high strength, lightweight piston that outperforms the competition!
Note: For applications over 800hp, a thicker wall wrist pin is recommended.

Designed for 15° Valve Pockets Only

Features:
Accumulator Grooves
Double Pin Oilers
Offset Wrist Pin

Includes:
Pin #945-2250-15-51C (105g) For use with 6.098 Rod Length
Pin #927-2250-15-51C (106g) For use with 6.125 Rod Length
Round Wire Locks # 927-073-MW

LS SERIES **Std Bore: 4.000 LS2, 4.065 LS3, 4.125 LS7** **Ring package designed for: 1.2, 1.5, 3MM Rings & 1.5, 1.5, 3.0MM**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 64cc	68cc	70cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
312086	364	4.000	3.622	6.098	9.240	1.340	13.2:1	12.5:1	12.2:1	12.0	452	F	STD LS2	JG3108-4000-7	GM1016-051
312087	365	4.005	3.622	6.098	9.240	1.340	13.2:1	12.5:1	12.2:1	11.8	455	F	.005 LS2	JG3108-4000-7	GM1016-051
312088	366	4.010	3.622	6.098	9.240	1.340	13.2:1	12.5:1	12.2:1	11.7	457	F	.010 LS2	JG3108-4010-4	GM1016-051
312089	370	4.030	3.622	6.098	9.240	1.340	13.2:1	12.5:1	12.2:1	11.1	442	F	.030 LS2	JG31F8-4030-2	GM1016-051
312090	376	4.065	3.622	6.098	9.240	1.340	13.2:1	12.5:1	12.2:1	10.0	444	F	STD LS3	JG31F8-4070-0	GM1006-051
312091	377	4.070	3.622	6.098	9.240	1.340	13.2:1	12.5:1	12.2:1	9.9	450	F	.005 LS3	JG31F8-4070-0	GM1006-051
312092	364	4.000	3.622	6.125	9.240	1.304	13.2:1	12.5:1	12.2:1	12.0	452	F	STD LS2	JG3108-4000-7	GM1016-051
312093	365	4.005	3.622	6.125	9.240	1.304	13.2:1	12.5:1	12.2:1	11.8	454	F	.005 LS2	JG3108-4000-7	GM1016-051
312094	366	4.010	3.622	6.125	9.240	1.304	13.2:1	12.5:1	12.2:1	11.7	456	F	.010 LS2	JG3108-4010-4	GM1016-051

LS SERIES Continued **Std Bore: 4.000 LS2, 4.065 LS3, 4.125 LS7** **Ring package designed for: 1.2, 1.5, 3MM Rings & 1.5, 1.5, 3.0MM**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							64cc	68cc	70cc						
							Compression Ratio								
312095	370	4.030	3.622	6.125	9.240	1.304	13.2:1	12.5:1	12.2:1	11.1	465	F	.030 LS2	JG31F8-4030-2	GM1016-051
312096	376	4.065	3.622	6.125	9.240	1.304	13.2:1	12.5:1	12.2:1	10.1	438	F	STD LS3	JG31F8-4070-0	GM1006-051
312097	377	4.070	3.622	6.125	9.240	1.304	13.2:1	12.5:1	12.2:1	10.0	442	F	.005 LS3	JG31F8-4070-0	GM1006-051
312098	378	4.075	3.622	6.125	9.240	1.304	13.2:1	12.5:1	12.2:1	9.9	446	F	.010 LS3	JG3108-4075-5	GM1006-051
312099	378	4.080	3.622	6.125	9.240	1.304	13.2:1	12.5:1	12.2:1	9.7	450	F	.015 LS3	JG3108-4075-5	GM1006-051
312100	387	4.125	3.622	6.125	9.240	1.304	13.2:1	12.5:1	12.2:1	8.4	454	F	STD LS7	JG31F8-4125-2	GM1005-051
312101	388	4.130	3.622	6.125	9.240	1.304	13.2:1	12.5:1	12.2:1	8.3	458	F	.005 LS7	JG31F8-4135-2	GM1005-051
312102	389	4.135	3.622	6.125	9.240	1.304	13.2:1	12.5:1	12.2:1	8.1	460	F	.010 LS7	JG31F8-4135-2	GM1005-051
312103	393	4.155	3.622	6.125	9.240	1.304	13.2:1	12.5:1	12.2:1	7.5	478	F	.030 LS7	JG31F8-4155-3	
312104	399	4.185	3.622	6.125	9.240	1.304	13.2:1	12.5:1	12.2:1	6.7	485	F	.060 LS7	JG3108-4185-3	
324009	392	4.000	3.900	6.125	9.240	1.165	13.2:1	12.5:1	12.2:1	9.4	424	F	STD LS2	JG3108-4000-7	GM1016-051
324010	393	4.005	3.900	6.125	9.240	1.165	13.2:1	12.5:1	12.2:1	9.3	425	F	.005 LS2	JG3108-4000-7	GM1016-051
324011	394	4.010	3.900	6.125	9.240	1.165	13.2:1	12.5:1	12.2:1	9.2	426	F	.010 LS2	JG3108-4010-4	GM1016-051
324012	398	4.030	3.900	6.125	9.240	1.165	13.2:1	12.5:1	12.2:1	8.6	428	F	.030 LS2	JG31F8-4030-2	GM1016-051
324013	405	4.065	3.900	6.125	9.240	1.165	13.2:1	12.5:1	12.2:1	7.5	428	F	STD LS3	JG31F8-4070-0	GM1016-051
324014	406	4.070	3.900	6.125	9.240	1.165	13.2:1	12.5:1	12.2:1	7.4	429	F	.005 LS3	JG31F8-4070-0	GM1016-051
324015	407	4.075	3.900	6.125	9.240	1.165	13.2:1	12.5:1	12.2:1	7.2	431	F	.010 LS3	JG3108-4075-5	GM1006-051
324016	408	4.080	3.900	6.125	9.240	1.165	13.2:1	12.5:1	12.2:1	7.1	433	F	.015 LS3	JG3108-4075-5	GM1006-051
324017	417	4.125	3.900	6.125	9.240	1.165	13.2:1	12.5:1	12.2:1	5.7	440	F	STD LSX	JG31F8-4125-2	GM1005-051
324018	418	4.130	3.900	6.125	9.240	1.165	13.2:1	12.5:1	12.2:1	5.6	441	F	.005 LSX	JG31F8-4135-2	GM1005-051
324019	419	4.135	3.900	6.125	9.240	1.165	13.2:1	12.5:1	12.2:1	5.4	442	F	.010 LSX	JG31F8-4135-2	GM1005-051
324020	423	4.155	3.900	6.125	9.240	1.165	13.2:1	12.5:1	12.2:1	4.8	450	F	.030 LSX	JG31F8-4155-3	
324021	429	4.185	3.900	6.125	9.240	1.165	13.2:1	12.5:1	12.2:1	3.9	465	F	.060 LSX	JG3108-4185-3	
312105	402	4.000	4.000	6.125	9.240	1.115	13.2:1	12.5:1	12.2:1	5.2	401	F	STD LS2	JG3108-4000-7	GM1016-051
312106	403	4.005	4.000	6.125	9.240	1.115	13.2:1	12.5:1	12.2:1	5.0	405	F	.005 LS2	JG3108-4000-7	GM1016-051
312107	404	4.010	4.000	6.125	9.240	1.115	13.2:1	12.5:1	12.2:1	4.9	408	F	.010 LS2	JG3108-4010-4	GM1016-051
312108	408	4.030	4.000	6.125	9.240	1.115	13.2:1	12.5:1	12.2:1	4.3	412	F	.030 LS2	JG31F8-4030-2	GM1016-051
312109	415	4.065	4.000	6.125	9.240	1.115	13.2:1	12.5:1	12.2:1	3.1	410	F	STD LS3	JG31F8-4070-0	GM1006-051
312110	416	4.070	4.000	6.125	9.240	1.115	13.2:1	12.5:1	12.2:1	3.0	412	F	.005 LS3	JG31F8-4070-0	GM1006-051
312111	417	4.075	4.000	6.125	9.240	1.115	13.2:1	12.5:1	12.2:1	2.8	415	F	.010 LS3	JG3108-4075-5	GM1006-051
312112	418	4.080	4.000	6.125	9.240	1.115	13.2:1	12.5:1	12.2:1	2.7	417	F	.015 LS3	JG3108-4075-5	GM1006-051
312113	427	4.125	4.000	6.125	9.240	1.115	13.2:1	12.5:1	12.2:1	1.2	425	F	STD LS7	JG31F8-4125-2	GM1005-051
312114	429	4.130	4.000	6.125	9.240	1.115	13.2:1	12.5:1	12.2:1	1.0	427	F	.005 LS7	JG31F8-4135-2	GM1005-051
312115	430	4.135	4.000	6.125	9.240	1.115	13.2:1	12.5:1	12.2:1	0.9	429	F	.010 LS7	JG31F8-4135-2	GM1005-051
312116	434	4.155	4.000	6.125	9.240	1.115	13.2:1	12.5:1	12.2:1	0.2	435	F	.030 LS7	JG31F8-4155-3	
312117	440	4.185	4.000	6.125	9.240	1.115	13.2:1	12.5:1	12.2:1	-0.8	442	F	.060 LS7	JG3108-4185-3	
312120	413	4.000	4.100	6.125	9.240	1.065	13.2:1	12.5:1	12.2:1	3.4	397	F	STD LS2	JG3108-4000-7	GM1016-051
312121	413	4.005	4.100	6.125	9.240	1.065	13.2:1	12.5:1	12.2:1	3.3	398	F	.005 LS2	JG3108-4000-7	GM1016-051
312122	414	4.010	4.100	6.125	9.240	1.065	13.2:1	12.5:1	12.2:1	3.1	400	F	.010 LS2	JG3108-4010-4	GM1016-051
312123	418	4.030	4.100	6.125	9.240	1.065	13.2:1	12.5:1	12.2:1	2.5	405	F	.030 LS2	JG31F8-4030-2	GM1016-051
312124	426	4.065	4.100	6.125	9.240	1.065	13.2:1	12.5:1	12.2:1	1.3	411	F	STD LS3	JG31F8-4070-0	GM1006-051
312125	427	4.070	4.100	6.125	9.240	1.065	13.2:1	12.5:1	12.2:1	1.1	413	F	.005 LS3	JG31F8-4070-0	GM1006-051
312126	428	4.075	4.100	6.125	9.240	1.065	13.2:1	12.5:1	12.2:1	1.0	415	F	.010 LS3	JG3108-4075-5	GM1006-051
312127	429	4.080	4.100	6.125	9.240	1.065	13.2:1	12.5:1	12.2:1	0.8	417	F	.015 LS3	JG3108-4075-5	GM1006-051
312128	438	4.125	4.100	6.125	9.240	1.065	13.2:1	12.5:1	12.2:1	-0.7	425	F	STD LS7	JG31F8-4125-2	GM1005-051
312129	439	4.130	4.100	6.125	9.240	1.065	13.2:1	12.5:1	12.2:1	-0.8	427	F	.005 LS7	JG31F8-4135-2	GM1005-051
312130	440	4.135	4.100	6.125	9.240	1.065	13.2:1	12.5:1	12.2:1	-1.0	430	F	.010 LS7	JG31F8-4135-2	GM1005-051
312131	445	4.155	4.100	6.125	9.240	1.065	13.2:1	12.5:1	12.2:1	-1.7	435	F	.030 LS7	JG31F8-4155-3	
312132	451	4.185	4.100	6.125	9.240	1.065	13.2:1	12.5:1	12.2:1	-2.7	440	F	.060 LS7	JG3108-4185-3	

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

GM LT1 (GEN V)

Our brand new Asymmetrical FSR (Forged Side Relief) forging design allows for the use of the most popular stroke and rod combinations while eliminating reluctor wheel clearance problems. Asymmetrical forging design maintains a larger skirt on the heavily stressed major thrust side, while reducing friction with a smaller skirt on the minor thrust side. The result is a high strength, lightweight piston that significantly reduces friction in your engine. Lightweight and extremely durable, these pistons are machined for 1.2mm, 1.5mm, 3.0mm rings. **STOCK ROD MUST BE HONED TO ACCEPT .927" DIA PIN. MILLING OF ROD BALANCE PAD MAY BE NEEDED DUE TO VARIATION FROM FACTORY.**

Features:
Accumulator Grooves
Double Pin Oilers
Offset Wrist Pin

Includes:
Pin #943-2250-20-51C (135g)
Pin #927-2250-15-51C (106g)
Round Wire Locks # 927-073-MW

GEN V LT1 Std Bore: 4.065 Ring package designed for: 1.2, 1.5, 3MM Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 59cc Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
360824	376	4.065	3.622	6.098	9.240	1.326		10.0:1		-13.9	559	F	STD	JG31F1-4070-0	
360825	377	4.070	3.622	6.098	9.240	1.326		10.0:1		-14.1	474	F	.005	JG31F1-4070-0	
360826	378	4.075	3.622	6.098	9.240	1.326		10.0:1		-14.3	426	F	.010	JG31F1-4075-5	
360782	376	4.065	3.622	6.125	9.240	1.304		10.0:1		-15.0		Ultra, BL	STD LT1	JG31F1-4070-0	
360783	377	4.070	3.622	6.125	9.240	1.304		10.0:1		-15.1		Ultra, BL	.005 LT1	JG31F1-4070-0	
360784	378	4.075	3.622	6.125	9.240	1.304		10.0:1		-15.3		Ultra, BL	.010 LT1	JG31F8-4075-5	
338676	376	4.065	3.622	6.125	9.240	1.304		10.0:1		-15.0	470	F	STD	JG31F1-4070-0	
338677	377	4.070	3.622	6.125	9.240	1.304		10.0:1		-15.1		F	.005	JG31F1-4070-0	
338678	378	4.075	3.622	6.125	9.240	1.304		10.0:1		-15.3	475	F	.010	JG31F1-4075-5	
338679	376	4.065	3.622	6.125	9.240	1.304		12.3:1		2.5	506	F	STD	JG31F1-4070-0	
338680	377	4.070	3.622	6.125	9.240	1.304		12.3:1		2.3	504	F	.005	JG31F1-4070-0	
338681	378	4.075	3.622	6.125	9.240	1.304		12.3:1		2.2		F	.010	JG31F1-4075-5	
360787	415	4.065	4.000	6.125	9.240	1.115		10.0:1		-23.9		Ultra, BL	STD LT1	JG31F8-4070-0	
360788	416	4.070	4.000	6.125	9.240	1.115		10.0:1		-24.2		Ultra, BL	.005 LT1	JG31F1-4070-0	
360789	417	4.075	4.000	6.125	9.240	1.115		10.0:1		-24.5		Ultra, BL	.010 LT1	JG31F1-4070-0	
338682	415	4.065	4.000	6.125	9.240	1.115		10.0:1		-23.9	432	F	STD	JG31F1-4070-0	
338683	416	4.070	4.000	6.125	9.240	1.115		10.0:1		-24.1		F	.005	JG31F1-4070-0	
338684	417	4.075	4.000	6.125	9.240	1.115		10.0:1		-24.3		F	.010	JG31F1-4075-5	
338685	415	4.065	4.000	6.125	9.240	1.115		12.3:1		-4.6	455	F	STD	JG31F1-4070-0	
338686	416	4.070	4.000	6.125	9.240	1.115		12.3:1		-4.8	454	F	.005	JG31F1-4070-0	
338687	417	4.075	4.000	6.125	9.240	1.115		12.3:1		-5.0		F	.010	JG31F1-4075-5	

GM LT4 (GEN V)

Our brand new Asymmetrical FSR (Forged Side Relief) forging design allows for the use of the most popular stroke and rod combinations while eliminating reluctor wheel clearance problems. Asymmetrical forging design maintains a larger skirt on the heavily stressed major thrust side, while reducing friction with a smaller skirt on the minor thrust side. The result is a high strength, lightweight piston that significantly reduces friction in your engine. Lightweight and extremely durable, these pistons are machined for 1.2mm, 1.5mm, 3.0mm rings.

Features:
Accumulator Grooves
Double Pin Oilers
Offset Wrist Pin

Includes:
Pin #945-2250-18-52C (106g) For 6.098" Rod Applications
Pin #927-2250-18-93C (106g) For 6.125" Rod Applications
Round Wire Locks # 927-073-MW

GEN V LT1 Std Bore: 4.065 Ring package designed for: 1.2, 1.5, 3MM Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 65.5cc Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
353908	376	4.065	3.622	6.098	9.240	1.320		10.0:1		-6.3	489	F	STD	JG31F8-4070-0	
353909	377	4.070	3.622	6.098	9.240	1.320		10.0:1		-6.5		F	.005	JG31F8-4070-0	
353910	378	4.075	3.622	6.098	9.240	1.320		10.0:1		-6.7		F	.010	JG3108-4075-5	
360791	376	4.065	3.622	6.125	9.240	1.295		10.0:1		-6.3		Ultra	STD LT4	JG31F8-4070-0	
360792	377	4.070	3.622	6.125	9.240	1.295		10.0:1		-6.5		Ultra	.005 LT4	JG31F8-4070-0	
360793	378	4.075	3.622	6.125	9.240	1.295		10.0:1		-6.7		Ultra	.010 LT4	JG3108-4075-5	
353911	376	4.065	3.622	6.125	9.240	1.295		10.0:1		-6.3	498	F	STD	JG31F8-4070-0	
353912	377	4.070	3.622	6.125	9.240	1.295		10.0:1		-6.5		F	.005	JG31F8-4070-0	
353913	378	4.075	3.622	6.125	9.240	1.295		10.0:1		-6.7		F	.010	JG3108-4075-5	
360795	415	4.065	4.000	6.125	9.240	1.105		10.0:1		-15.3		Ultra	STD LT4	JG31F8-4070-0	
360796	416	4.070	4.000	6.125	9.240	1.105		10.0:1		-15.5		Ultra	.005 LT4	JG31F8-4070-0	
360797	417	4.075	4.000	6.125	9.240	1.105		10.0:1		-15.7		Ultra	.010 LT4	JG3108-4075-5	
353914	415	4.065	4.000	6.125	9.240	1.105		10.0:1		-15.3		F	STD	JG31F8-4070-0	
353915	416	4.070	4.000	6.125	9.240	1.105		10.0:1		-15.5		F	.005	JG31F8-4070-0	
353916	417	4.075	4.000	6.125	9.240	1.105		10.0:1		-15.7		F	.010	JG3108-4075-5	

305 SMALL BLOCK 23° FLAT TOP

305 SERIES FLAT TOP	Std Bore: 3.736	Ring package designed for: 1/16, 1/16, 3/16 Rings												
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 52cc / Compression Ratio	58cc / Compression Ratio	64cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
170771	310	3.766	3.480	5.700	9.000	1.560	10.8:1	10.0:1	9.3:1	-5.0	412	Flat Top	.030	J100F8-3766-5	
170772	315	3.796	3.480	5.700	9.000	1.560	10.9:1	10.1:1	9.4:1	-5.0	418	M, Flat Top	.060	J160F8-3796	
APBA - 305 APBA FLAT TOP & DISH SERIES	**Std Bore: 3.736**	**Ring package designed for: 5/64, 5/64, 3/16 Rings**												
174004	310	3.766	3.480	5.700	9.000	1.560	10.8:1	10.0:1	9.3:1	-5.0	516	M, Flat Top	.030	N/A	
174002	310	3.766	3.480	5.700	9.000	1.560	9.8:1	9.2:1	8.5:1	-12.0	489	M, Dish	.030	N/A	

305 RACE SAVER SPRINT CAR

Features:
Vertical Gas Ports
Accumulator Grooves
Double Pin Oilers
Contact Reduction Grooves

Lightweight, low friction
1.2mm, 1.2mm, 2.5mm ring package
Top Ring: Chrome steel, 2nd ring: cast taper,
Oil ring: standard tension
File-to-fit

Includes:
Pins and locks
High quality .927" X 2.500" pin further reduces reciprocating weight
Carbon steel wire locks included

PROFESSIONAL SERIES FLAT TOP - 305 BLOCK	Std Bore: 3.736	Ring package designed for: 1.2mm, 1.2mm, 2.5mm Premium Rings Included												
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio	62cc / Compression Ratio		Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
376532	308	3.756	3.480	5.700	9.000	1.560		9.8		-1.8			.020	JC2808-3760	
376533	310	3.766	3.480	5.700	9.000	1.560		9.9		-1.8			.030	JC2808-3770	
376534	312	3.776	3.480	5.700	9.000	1.560		9.9		-1.8			.040	JC2808-3780	
376535	313	3.786	3.480	5.700	9.000	1.560		9.9		-1.8			.050	JC2808-3789	
376536	315	3.796	3.480	5.700	9.000	1.560		10.0		-1.8			.060	JC2808-3799	

LIGHTWEIGHT STOCK CAR 2/4 BARREL

305 SERIES	Std Bore: 4.000	Ring package designed for: .043, .043, 3MM Rings												
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 58cc / Compression Ratio	64cc / Compression Ratio	76cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
373699	355	4.030	3.480	5.700	9.000	1.560	11.3:1	10.5:1	9.2:1	-3.8	383	FSR	.030	JG7708-4030-5	GM1024-039
373700	356	4.035	3.480	5.700	9.000	1.560	11.3:1	10.5:1	9.2:1	-3.8	388	FSR	.035	JG7708-4030-5	
373701	357	4.040	3.480	5.700	9.000	1.560	11.3:1	10.5:1	9.2:1	-3.8	391	FSR	.040	JG7708-4040-5	
373702	358	4.045	3.480	5.700	9.000	1.560	11.3:1	10.5:1	9.3:1	-3.8	387	FSR	.045	JG7708-4040-5	
373703	359	4.050	3.480	5.700	9.000	1.560	11.4:1	10.5:1	9.3:1	-3.8	390	FSR	.050	JG7708-4040-5	
373704	360	4.060	3.480	5.700	9.000	1.560	11.4:1	10.6:1	9.3:1	-3.8	407	FSR	.060	JG7708-4060-5	
373705	361	4.065	3.480	5.700	9.000	1.560	11.4:1	10.6:1	9.3:1	-3.8	393	FSR	.065	JG7708-4060-5	
377959	355	4.030	3.480	6.000	9.000	1.250	11.3:1	10.5:1	9.2:1	-3.8	353	FSR	.030	JG7708-4030-5	GM1024-039
377960	356	4.035	3.480	6.000	9.000	1.250	11.3:1	10.5:1	9.2:1	-3.8	354	FSR	.035	JG7708-4030-5	
377961	357	4.040	3.480	6.000	9.000	1.250	11.3:1	10.5:1	9.2:1	-3.8	355	FSR	.040	JG7708-4040-5	
377962	358	4.045	3.480	6.000	9.000	1.250	11.3:1	10.5:1	9.3:1	-3.8	356	FSR	.045	JG7708-4040-5	
377963	359	4.050	3.480	6.000	9.000	1.250	11.4:1	10.5:1	9.3:1	-3.8	357	FSR	.050	JG7708-4040-5	
377964	360	4.060	3.480	6.000	9.000	1.250	11.4:1	10.6:1	9.3:1	-3.8	358	FSR	.060	JG7708-4060-5	
377965	361	4.065	3.480	6.000	9.000	1.250	11.4:1	10.6:1	9.3:1	-3.8	360	FSR	.065	JG7708-4060-5	

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

23° F.S.R. SUPERFLY GP (GAS PORTED)

305 SERIES	Std Bore: 4.000	Ring package designed for: .043, .043, 3MM Rings													
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 58cc Compression Ratio	64cc Compression Ratio	76cc Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recom-mended	Pro Seal Head Gasket
300245	357	4.030	3.500	6.250	9.000	1.000	11.6	10.8	9.4	-1.8	310	A, M	.030	J71408-4030-5	GM1002-039
300246	359	4.040	3.500	6.250	9.000	1.000	11.6	10.8	9.4	-1.8	311	A, M	.040	J71408-4040-5	GM1002-039
300247	357	4.030	3.500	6.125	9.000	1.125	11.6	10.8	9.4	-1.8	323	A, M	.030	J71408-4030-5	GM1002-039
300248	359	4.040	3.500	6.125	9.000	1.125	11.6	10.8	9.4	-1.8	326	A, M	.040	J71408-4040-5	GM1002-039
300249	357	4.030	3.500	6.000	9.000	1.250	11.6	10.8	9.4	-1.8	334	A, M	.030	J71408-4030-5	GM1002-039
300250	358	4.035	3.500	6.000	9.000	1.250	11.6	10.8	9.4	-1.8	335	A, M	.035	J71408-4030-5	GM1002-039
300251	359	4.040	3.500	6.000	9.000	1.250	11.6	10.8	9.4	-1.8	338	A, M	.040	J71408-4040-5	GM1002-039
300252	357	4.030	3.500	5.700	9.000	1.550	11.6	10.8	9.4	-1.8	372	A	.030	J71408-4030-5	GM1002-039
300253	358	4.035	3.500	5.700	9.000	1.550	11.6	10.8	9.4	-1.8	369	A	.035	J71408-4030-5	GM1002-039
300254	359	4.040	3.500	5.700	9.000	1.550	11.6	10.8	9.4	-1.8	372	A	.040	J71408-4040-5	GM1002-039

23° & 21° ULTRA-LIGHT GP (GAS PORTED)

350 ULTRA LIGHT GP SERIES	Std Bore: 4.000	Ring package designed for: .043, .043, 3MM Rings													
177848	357	4.030	3.500	6.125	9.000	1.125	11.6	10.8	9.4	-1.8	342	A, M	.030	J71408-4030-5	GM1002-039
177849	359	4.040	3.500	6.125	9.000	1.125	11.6	10.8	9.4	-1.8	347	A, M	.040	J71408-4040-5	GM1002-039
173615	357	4.030	3.500	6.000	9.000	1.250	11.6	10.8	9.4	-1.8	358	A, M	.030	J71408-4030-5	GM1002-039
173616	359	4.040	3.500	6.000	9.000	1.250	11.6	10.8	9.4	-1.8	362	A, M	.040	J71408-4040-5	GM1002-039
194337	362	4.060	3.500	6.000	9.000	1.250	11.6	10.8	9.4	-1.8	374	A	.060	J71408-4060-5	GM1002-039
173617	357	4.030	3.500	5.700	9.000	1.550	11.6	10.8	9.4	-1.8	395	A, M	.030	J71408-4030-5	GM1002-039
173618	359	4.040	3.500	5.700	9.000	1.550	11.6	10.8	9.4	-1.8	405	A, M	.040	J71408-4040-5	GM1002-039
194338	362	4.060	3.500	5.700	9.000	1.550	11.6	10.8	9.4	-1.8	414	A	.060	J71408-4060-5	GM1002-039
350 ULTRA LIGHT GP SERIES WITH ANGLE MILLED HEADS	**Std Bore: 4.000**	**Ring package designed for: .043, .043, 3MM Rings**													
* Footnote "X" Parts are rated to 500hp															
187695	357	4.030	3.500	6.250	9.000	1.000	11.3	10.5	9.2	-4.0	318	A, X, M	.030	J71408-4030-5	GM1002-039
187698	357	4.030	3.500	6.000	9.000	1.250	11.3	10.5	9.2	-4.0	352	A, X	.030	J71408-4030-5	GM1002-039
207484	358	4.035	3.500	6.000	9.000	1.250	11.3	10.5	9.2	-4.0	354	A, X	.035	J71408-4030-5	GM1002-039

23° ULTRA-LIGHT FLAT TOP

350 ULTRA LIGHT WEIGHT SERIES	Std Bore: 4.000	Ring package designed for: 1/16, 1/16, 3/16 Rings													
105038	357	4.030	3.500	6.000	9.000	1.250	11.6	10.8	9.4	-2.0	382	A	.030	J10008-4030-5	GM1002-039
105041	357	4.030	3.500	5.700	9.000	1.550	11.6	10.8	9.4	-2.0	426	A, M	.030	J10008-4030-5	GM1002-039
105040	359	4.040	3.500	6.000	9.000	1.250	11.6	10.8	9.4	-2.0	387	A, M	.040	J10008-4040-5	GM1002-039

23° TOUR SERIES GP (GAS PORTED)

350 SERIES	Std Bore: 4.000	Ring package designed for: .043, .043, 3MM Rings													
170695	357	4.030	3.500	6.250	9.000	1.000	11.2	10.3	9.1	-5.0	370	A, B, M	.030	J71408-4030-5	GM1002-039
170696	358	4.040	3.500	6.250	9.000	1.000	11.2	10.3	9.1	-5.0	374	A, B, M	.040	J71408-4040-5	GM1002-039
170697	357	4.030	3.500	6.125	9.000	1.125	11.2	10.3	9.1	-5.0	382	A	.030	J71408-4030-5	GM1002-039
170698	358	4.040	3.500	6.125	9.000	1.125	11.2	10.3	9.1	-5.0	389	A, M	.040	J71408-4040-5	GM1002-039
170697	383	4.030	3.750	6.000	9.000	1.125	11.9	11.1	9.7	-5.0	382		.030	J71408-4030-5	GM1002-039
170698	385	4.040	3.750	6.000	9.000	1.125	11.9	11.1	9.7	-5.0	389	M	.040	J71408-4040-5	GM1002-039
170692	357	4.030	3.500	6.000	9.000	1.250	11.2	10.3	9.1	-5.0	398	A	.030	J71408-4030-5	GM1002-039
170693	359	4.040	3.500	6.000	9.000	1.250	11.2	10.3	9.1	-5.0	404	A	.040	J71408-4040-5	GM1002-039
170694	362	4.060	3.500	6.000	9.000	1.250	11.2	10.3	9.1	-5.0	410	A	.060	J71408-4060-5	GM1002-039
170689	357	4.030	3.500	5.700	9.000	1.550	11.2	10.3	9.1	-5.0	439	A	.030	J71408-4030-5	GM1002-039
170690	359	4.040	3.500	5.700	9.000	1.550	11.2	10.3	9.1	-5.0	442	A	.040	J71408-4040-5	GM1002-039
170691	362	4.060	3.500	5.700	9.000	1.550	11.2	10.3	9.1	-5.0	453	A	.060	J71408-4060-5	GM1002-039

23° TOUR SERIES GP (GAS PORTED) continued

400 SERIES **Std Bore: 4.125** **Ring package designed for: .043, .043, 3MM Rings**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 58cc	64cc	76cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
181933	407	4.155	3.750	6.000	9.000	1.125	12.5	11.6	10.2	-5.0	424		.030	J71408-4155-5	GM1004-039
181933	380	4.155	3.500	6.125	9.000	1.125	11.7	10.9	9.6	-5.0	424	A	.030	J71408-4155-5	GM1004-039

23° F.S.R. TOUR SERIES GP (GAS PORTED)

350 SERIES **Std Bore: 4.000** **Ring package designed for: .043, .043, 3MM Rings**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 58cc	64cc	76cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
281853	357	4.030	3.500	6.250	9.000	1.000	11.2	10.4	9.5	-5.0	341	A, B, M	.030	J71408-4030-5	GM1002-039
281854	358	4.035	3.500	6.250	9.000	1.000	11.2	10.4	9.5	-5.0	343	A, B, M	.035	J71408-4030-5	GM1002-039
281855	359	4.040	3.500	6.250	9.000	1.000	11.2	10.4	9.5	-5.0	344	A, B, M	.040	J71408-4040-5	GM1002-039
281856	362	4.045	3.500	6.250	9.000	1.000	11.3	10.5	9.6	-5.0	345	A, B, M	.045	J71408-4040-5	GM1002-039
281848	357	4.030	3.500	6.125	9.000	1.125	11.2	10.4	9.5	-5.0	355	A, M	.030	J71408-4030-5	GM1002-039
281849	358	4.035	3.500	6.125	9.000	1.125	11.2	10.4	9.5	-5.0	356	A, M	.035	J71408-4030-5	GM1002-039
281851	359	4.040	3.500	6.125	9.000	1.125	11.2	10.4	9.5	-5.0	357	A, M	.040	J71408-4040-5	GM1002-039
281852	360	4.045	3.500	6.125	9.000	1.125	11.2	10.4	9.5	-5.0	358	A, M	.045	J71408-4040-5	GM1002-039
258028	357	4.030	3.500	6.000	9.000	1.250	11.2	10.4	9.5	-5.0	366	A	.030	J71408-4030-5	GM1002-039
258029	358	4.035	3.500	6.000	9.000	1.250	11.2	10.4	9.5	-5.0	363	A	.035	J71408-4030-5	GM1002-039
258030	359	4.040	3.500	6.000	9.000	1.250	11.2	10.4	9.5	-5.0	366	A	.040	J71408-4040-5	GM1002-039
258031	362	4.045	3.500	6.000	9.000	1.250	11.3	10.5	9.6	-5.0	367	A	.045	J71408-4040-5	GM1002-039
257797	357	4.030	3.500	5.700	9.000	1.550	11.2	10.4	9.5	-5.0	389	A	.030	J71408-4030-5	GM1002-039
258025	358	4.035	3.500	5.700	9.000	1.550	11.2	10.4	9.5	-5.0	389	A, M	.035	J71408-4030-5	GM1002-039
258026	359	4.040	3.500	5.700	9.000	1.550	11.2	10.4	9.5	-5.0	392	A	.040	J71408-4040-5	GM1002-039
258027	360	4.045	3.500	5.700	9.000	1.550	11.2	10.4	9.5	-5.0	391	A	.045	J71408-4040-5	GM1002-039

23° 350 / 400 STANDARD FLAT TOP

350 SERIES **Std Bore: 4.000** **Ring package designed for: . 1/16, 1/16, 3/16 Rings**

181907	357	4.030	3.500	6.250	9.000	1.000	11.2	10.3	9.1	-5.0	369	A, B	.030	J10008-4030-5	GM1002-039
181908	359	4.040	3.500	6.250	9.000	1.000	11.2	10.3	9.1	-5.0	370	A, B, M	.040	J10008-4040-5	GM1002-039
181909	359	4.040	3.500	6.200	9.000	1.050	11.2	10.3	9.1	-5.0	383	A, B, M	.040	J10008-4040-5	GM1002-039
181915	355	4.020	3.500	6.000	9.000	1.250	11.2	10.3	9.1	-5.0	397	A, M	.020	J10008-4020-5	GM1024-039
181916	357	4.030	3.500	6.000	9.000	1.250	11.2	10.3	9.1	-5.0	403	A	.030	J10008-4030-5	GM1002-039
181917	358	4.035	3.500	6.000	9.000	1.250	11.2	10.3	9.1	-5.0	403	A, M	.035	J10008-4030-5	GM1002-039
181918	359	4.040	3.500	6.000	9.000	1.250	11.2	10.3	9.1	-5.0	406	A	.040	J10008-4040-5	GM1002-039
181919	362	4.060	3.500	6.000	9.000	1.250	11.2	10.3	9.1	-5.0	410	A	.060	J10008-4060-5	GM1002-039
207511	364	4.070	3.500	6.000	9.000	1.250	11.2	10.3	9.1	-5.0	416	A	.070	J100L8-4070-5	GM1002-039
181920	383	4.030	3.750	5.700	9.000	1.425	11.9	11.1	9.7	-5.0	428	M	.030	J10008-4030-5	GM1002-039
181924	358	4.030	3.500	5.700	9.000	1.550	11.2	10.3	9.1	-5.0	443	A, M	.030	J10008-4030-5	GM1002-039
181925	358	4.035	3.500	5.700	9.000	1.550	11.2	10.3	9.1	-5.0	442	A, M	.035	J10008-4030-5	GM1002-039
181926	359	4.040	3.500	5.700	9.000	1.550	11.2	10.3	9.1	-5.0	449	A	.040	J10008-4040-5	GM1002-039
181927	362	4.060	3.500	5.700	9.000	1.550	11.2	10.3	9.1	-5.0	454	A, M	.060	J10008-4060-5	GM1002-039

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

23° 350 / 400 STANDARD FLAT TOP Continued

350 SERIES	Std Bore: 4.000	Ring package designed for: 1/16, 1/16, 3MM Rings													
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio 58cc	64cc	76cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
181910	355	4.020	3.500	6.125	9.000	1.125	11.2	10.3	9.1	-5.0	384	A, J, M	.020	J30008-4020-5	GM1024-039
181911	357	4.030	3.500	6.125	9.000	1.125	11.2	10.3	9.1	-5.0	391	A, J	.030	J30008-4030-5	GM1002-039
181912	358	4.035	3.500	6.125	9.000	1.125	11.2	10.3	9.1	-5.0	390	A, J, M	.035	J30008-4030-5	GM1002-039
181913	359	4.040	3.500	6.125	9.000	1.125	11.2	10.3	9.1	-5.0	394	A, J, M	.040	J30008-4040-5	GM1002-039
181914	362	4.060	3.500	6.125	9.000	1.125	11.2	10.3	9.1	-5.0	398	A, J, M	.060	J30008-4060-5	GM1002-039
181910	381	4.020	3.750	6.000	9.000	1.125	11.8	11	9.6	-5.0	384	J, M	.020	J30008-4020-5	GM1024-039
181911	383	4.030	3.750	6.000	9.000	1.125	11.9	11.1	9.7	-5.0	391	J	.030	J30008-4030-5	GM1002-039
181912	384	4.035	3.750	6.000	9.000	1.125	11.9	11.1	9.7	-5.0	390	J, M	.035	J30008-4030-5	GM1002-039
181913	385	4.040	3.750	6.000	9.000	1.125	11.9	11.1	9.7	-5.0	394	J	.040	J30008-4040-5	GM1002-039
181914	388	4.060	3.750	6.000	9.000	1.125	11.9	11.1	9.7	-5.0	398	J, M	.060	J30008-4060-5	GM1002-039
400 SERIES	**Std Bore: 4.125**	**Ring package designed for: 1/16, 1/16, 3/16 Rings**													
242886	428	4.125	4.000	6.000	9.000	1.000	13.1	12.2	10.7	-5.0	391	B	STD	J10008-4125-5	GM1003-039
338213	430	4.135	4.000	6.000	9.000	1.000	13.2	12.2	10.7	-5.0	400	B, M	.010	J100F8-4135-5	GM1003-039
338214	432	4.145	4.000	6.000	9.000	1.000	13.3	12.3	10.8	-5.0	402	B, M	.020	J10008-4145-5	GM1004-039
194339	434	4.155	4.000	6.000	9.000	1.000	13.3	12.3	10.8	-5.0	410	B	.030	J10008-4155-5	GM1004-039
194340	436	4.165	4.000	6.000	9.000	1.000	13.3	12.4	10.9	-5.0	411	B	.040	J10008-4165-5	GM1004-039
207512	440	4.185	4.000	6.000	9.000	1.000	13.5	12.5	11.0	-5.0	420	B	.060	J100F8-4185-5	GM1004-039
352625	414	4.125	3.875	6.000	9.000	1.062	12.7	11.8	10.4	-5.0	415	B	STD	J10008-4125-5	GM1003-039
352626	415	4.135	3.875	6.000	9.000	1.062	12.8	11.9	10.4	-5.0		B	.010	J100F8-4135-5	GM1003-039
352627	416	4.145	3.875	6.000	9.000	1.062	12.8	11.9	10.5	-5.0	422	B	.020	J10008-4145-5	GM1004-039
352628	421	4.155	3.875	6.000	9.000	1.062	12.9	12.0	10.5	-5.0	433	B	.030	J10008-4155-5	GM1004-039
352629	422	4.165	3.875	6.000	9.000	1.062	12.9	12.0	10.6	-5.0	438	B	.040	J10008-4165-5	GM1004-039
181938	401	4.125	3.750	6.000	9.000	1.125	12.3	11.4	10.1	-5.0	418	B	STD	J10008-4125-5	GM1003-039
338215	403	4.135	3.750	6.000	9.000	1.125	12.4	11.5	10.1	-5.0	423	B, M	.010	J100F8-4135-5	GM1003-039
181939	405	4.145	3.750	6.000	9.000	1.125	12.4	11.5	10.1	-5.0	426	B, M	.020	J10008-4145-5	GM1004-039
181940	407	4.155	3.750	6.000	9.000	1.125	12.5	11.6	10.2	-5.0	426	B	.030	J10008-4155-5	GM1004-039
181941	409	4.165	3.750	6.000	9.000	1.125	12.5	11.6	10.2	-5.0	436	B	.040	J10008-4165-5	GM1004-039
181942	380	4.155	3.500	6.000	9.000	1.250	11.7	10.9	9.6	-5.0	445	A, M	.030	J10008-4155-5	GM1004-039
181943	381	4.165	3.500	6.000	9.000	1.250	11.7	10.9	9.6	-5.0	451	A	.040	J10008-4165-5	GM1004-039
181944	380	4.155	3.500	5.850	9.025	1.425	11.7	10.9	9.6	-5.0	472	M	.030	J10008-4155-5	GM1004-039
181944	407	4.155	3.750	5.700	9.000	1.425	12.5	11.6	10.2	-5.0	472	M	.030	J10008-4155-5	GM1004-039

EXTREME DUTY 23° INV. DOME

350 SERIES	Std Bore: 4.000	Ring package designed for: 1/16, 1/16, 3/16 Rings													
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio 58cc	64cc	76cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
338223	377	4.000	3.750	6.000	9.000	1.125	9.1	8.7	7.8	-28.0	459	B, M	STD	J100F8-4000-5	GM1024-039
338224	379	4.010	3.750	6.000	9.000	1.125	9.2	8.7	7.9	-28.0		B, M	.010	J100F8-4010-0	GM1024-039
338225	381	4.020	3.750	6.000	9.000	1.125	9.2	8.7	7.9	-28.0		B, M	.020	J100F8-4020-5	GM1024-039
170817	383	4.030	3.750	6.000	9.000	1.125	9.3	8.8	8.2	-28.0	440	B	.030	J100F8-4030-5	GM1002-039
338226	385	4.040	3.750	6.000	9.000	1.125	9.3	8.9	8.2	-28.0	446	B, M	.040	J10008-4040-5	GM1002-039
194887	388	4.060	3.750	6.000	9.000	1.125	9.4	8.9	8.3	-28.0	456	B	.060	J100F8-4060-5	GM1002-039
218591	355	4.030	3.500	6.000	9.000	1.250	8.9	8.4	7.6	-26.0	465	A, B	.030	J100F8-4030-5	GM1002-039
232513	352	4.000	3.500	6.000	9.020	1.270	8.8	8.3	7.5	-26.0	473	A, B, M	STD	J100F8-4000-5	GM1024-039
131631	383	4.030	3.750	5.700	9.000	1.425	9.0	8.5	7.8	-31.0	495		.030	J100F8-4030-5	GM1002-039
338227	385	4.040	3.750	5.700	9.000	1.425	9.0	8.6	7.8	-31.0	505	A, M	.040	J10008-4040-5	GM1002-039
131635	353	4.020	3.480	5.700	9.000	1.560	9.1	8.6	7.8	-22.0	524	A	.020	J100F8-4020-5	GM1024-039
131636	355	4.030	3.480	5.700	9.000	1.560	9.2	8.7	7.8	-22.0	524	A	.030	J100F8-4030-5	GM1002-039

EXTREME DUTY 23° INV. DOME Continued

400 SERIES	Std Bore: 4.125	Ring package designed for: 1/16, 1/16, 3/16 Rings													
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 58cc	64cc	76cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
242885	400	4.125	3.750	6.000	9.000	1.125	9.6	9.1	8.5	-28.0	462	B	STD	J100F8-4125-5	GM1003-039
338228	403	4.135	3.750	6.000	9.000	1.125	9.6	9.1	8.5	-28.0	476	B, M	.010	J100F8-4135-5	GM1003-039
338229	405	4.145	3.750	6.000	9.000	1.125	9.7	9.2	8.5	-28.0	480	B, M	.020	J10008-4145-5	GM1004-039
170818	407	4.155	3.750	6.000	9.000	1.125	9.7	9.2	8.6	-28.0	480	B	.030	J100F8-4155-5	GM1004-039
194888	409	4.165	3.750	6.000	9.000	1.125	9.8	9.2	8.6	-28.0	483	B	.040	J100F8-4165-5	GM1004-039
232516	400	4.125	3.750	6.000	9.020	1.145	9.6	9.1	8.2	-28.0	468	B	STD	J100F8-4125-5	GM1003-039
338231	400	4.125	3.750	5.700	9.000	1.425	8.9	8.5	7.6	-36.0	511	M	STD	J100F8-4125-5	GM1003-039
338232	403	4.135	3.750	5.700	9.000	1.425	8.9	8.5	7.6	-36.0		M	.010	J100F8-4135-5	GM1003-039
338233	405	4.145	3.750	5.700	9.000	1.425	9.0	8.6	7.7	-36.0	520	M	.020	J10008-4145-5	GM1004-039
131633	407	4.155	3.750	5.700	9.000	1.425	9.1	8.7	7.8	-36.0	517		.030	J100F8-4155-5	GM1004-039
338234	409	4.165	3.750	5.700	9.000	1.425	9.1	8.7	7.8	-36.0	525	M	.040	J100F8-4165-5	GM1004-039
232514	400	4.125	3.750	5.700	9.020	1.445	8.9	8.5	7.8	-36.0	520		STD	J100F8-4125-5	GM1004-039

350 STANDARD & GP 23° INV. DOME

350 SERIES GP	Std Bore: 4.000	Ring package designed for: .043, .043, 3MM Rings													
173581	357	4.030	3.500	6.125	9.000	1.125	10.1	9.5	8.4	-13.0	409	A, M	.030	J71408-4030-5	GM1002-039
173582	357	4.030	3.500	6.000	9.000	1.250	10.1	9.5	8.4	-13.0	429	A, M	.030	J71408-4030-5	GM1002-039
350 SERIES STANDARD	**Std Bore: 4.000**	**Ring package designed for: 1/16, 1/16, 3/16 Rings**													
130968	355	4.020	3.500	5.700	9.000	1.550	10.0	9.3	8.3	-14.5	465	A, M	.020	J10008-4020-5	GM1024-039
130969	357	4.030	3.500	5.700	9.000	1.550	10.0	9.3	8.3	-14.5	482	A, M	.030	J10008-4030-5	GM1002-039
130974	357	4.030	3.500	6.000	9.000	1.250	10.0	9.3	8.3	-14.5	444	A, M	.030	J10008-4030-5	GM1002-039

23° NITROUS SERIES DOME

350 SERIES	Std Bore: 4.000	Ring package designed for: 1/16, 1/16, 3/16 Rings													
232509	383	4.030	3.750	6.000	9.000	1.125	13.3	12.2	10.6	3.0	478	B, S	.030	J100F8-4030-5	GM1002-039
232510	384	4.040	3.750	6.000	9.000	1.125	13.3	12.2	10.6	3.0	493	B, S, M	.040	J100F8-4040-5	GM1002-039
232511	388	4.060	3.750	6.000	9.000	1.125	13.4	12.3	10.7	3.0	499	B, S, M	.060	J100F8-4060-5	GM1002-039
173583	357	4.030	3.500	6.000	9.000	1.250	14.8	13.4	11.3	14.0	503	A, B, M	.030	J100F8-4030-5	GM1002-039
173584	359	4.040	3.500	6.000	9.000	1.250	14.9	13.5	11.4	14.0	513	A, B, M	.040	J100F8-4040-5	GM1002-039
194885	362	4.060	3.500	6.000	9.000	1.250	15.0	13.6	11.4	14.0	521	A, B, M	.060	J100F8-4060-5	GM1002-039
400 SERIES	**Std Bore: 4.125**	**Ring package designed for: 1/16, 1/16, 3/16 Rings**													
173586	407	4.155	3.750	6.000	9.000	1.125	14.5	13.3	11.5	6.0	535	B, S	.030	J100F8-4155-5	GM1004-039
194952	409	4.165	3.750	6.000	9.000	1.125	14.6	13.4	11.5	6.0	533	B, S	.040	J100F8-4165-5	GM1004-039
232508	400	4.125	3.750	6.000	9.020	1.145	14.4	13.2	11.3	6.0	524	B, S	STD	J100F8-4125-5	GM1004-039
173588	380	4.155	3.500	6.000	9.000	1.250	15.0	13.6	11.6	12.0	548	A, B, M	.030	J100F8-4155-5	GM1004-039
194886	381	4.165	3.500	6.000	9.000	1.250	15.1	13.7	11.6	12.0	551	A, B, M	.040	J100F8-4165-5	GM1004-039

23° 350 / 400 SMALL BLOCK DOME

350 SERIES	Std Bore: 4.000	Ring package designed for: 1/16, 1/16, 3/16 Rings													
182005	383	4.030	3.750	6.000	9.000	1.125	15.0	13.6	11.6	11.0	423	B	.030	J10008-4030-5	GM1002-039
182006	385	4.040	3.750	6.000	9.000	1.125	15.1	13.7	11.6	11.0	429	B	.040	J10008-4040-5	GM1002-039
182007	388	4.060	3.750	6.000	9.000	1.125	15.2	13.8	11.7	11.0	439	B	.060	J10008-4060-5	GM1002-039
182008	370	4.030	3.625	6.000	9.000	1.187	15.2	13.7	11.6	13.5	445		.030	J10008-4030-5	GM1002-039
182009	363	4.030	3.562	6.000	9.000	1.219	14.8	13.4	11.3	13.0	450		.030	J10008-4030-5	GM1002-039
182010	365	4.040	3.562	6.000	9.000	1.219	14.8	13.4	11.4	13.0	454		.040	J10008-4040-5	GM1002-039
217240	352	4.000	3.500	6.000	9.000	1.250	14.5	13.1	11.1	13.5	447	A	STD	J10008-4000-5	GM1024-039
217241	353	4.010	3.500	6.000	9.000	1.250	14.4	13.0	11.0	13.0	447	A, M	.010	J10008-4010-0	GM1024-039
182011	355	4.020	3.500	6.000	9.000	1.250	14.6	13.2	11.2	13.5	452	A, M	.020	J10008-4020-5	GM1024-039
182012	357	4.030	3.500	6.000	9.000	1.250	14.7	13.3	11.2	13.5	458	A	.030	J10008-4030-5	GM1002-039
182013	358	4.035	3.500	6.000	9.000	1.250	14.7	13.4	11.3	13.5	460	A	.035	J10008-4030-5	GM1002-039
182014	359	4.040	3.500	6.000	9.000	1.250	14.8	13.4	11.3	13.5	463	A	.040	J10008-4040-5	GM1002-039
182015	362	4.060	3.500	6.000	9.000	1.250	14.9	13.5	11.4	13.5	470	A	.060	J10008-4060-5	GM1002-039

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

23° 350 / 400 SMALL BLOCK DOME Continued

350 SERIES	Std Bore: 4.000	Ring package designed for: 1/16, 1/16, 3/16 Rings													
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 58cc Compression Ratio	64cc Compression Ratio	76cc Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
207510	364	4.070	3.500	6.000	9.000	1.250	14.9	13.5	11.4	13.5	476	A, M	.070	J100L8-4070-5	GM1002-039
182016	383	4.030	3.750	5.700	9.000	1.425	15.0	13.6	11.6	11.0	475	M	.030	J10008-4030-5	GM1002-039
182017	385	4.040	3.750	5.700	9.000	1.425	15.1	13.7	11.6	11.0	478	M	.040	J10008-4040-5	GM1002-039
182018	388	4.060	3.750	5.700	9.000	1.425	15.2	13.8	11.7	11.0	482	M	.060	J10008-4060-5	GM1002-039
182020	357	4.030	3.500	5.700	9.000	1.550	14.7	13.3	11.2	13.5	503	A, M	.030	J10008-4030-5	GM1002-039
182021	358	4.035	3.500	5.700	9.000	1.550	14.7	13.3	11.2	13.0	508	A, M	.035	J10008-4030-5	GM1002-039
182022	359	4.040	3.500	5.700	9.000	1.550	14.7	13.4	11.3	13.5	508	A, M	.040	J10008-4040-5	GM1002-039
182023	362	4.060	3.500	5.700	9.000	1.550	14.8	13.5	11.4	13.5	517	A, M	.060	J10008-4060-5	GM1002-039
400 SERIES	**Std Bore: 4.125**	**Ring package designed for: 1/16, 1/16, 3/16 Rings**													
182024	428	4.125	4.000	6.000	9.000	1.000	15.3	14.0	12.0	6.1	436	S, B	STD	J10008-4125-5	GM1003-039
182025	429	4.130	4.000	6.000	9.000	1.000	15.3	14.0	12.1	6.1	435	S, B	.005	J10008-4130-5	GM1003-039
182026	432	4.145	4.000	6.000	9.000	1.000	15.4	14.1	12.1	6.1	445	S, B	.020	J10008-4145-5	GM1004-039
182027	434	4.155	4.000	6.000	9.000	1.000	15.5	14.2	12.2	6.2	449	S, B	.030	J10008-4155-5	GM1004-039
182028	436	4.165	4.000	6.000	9.000	1.000	15.6	14.3	12.3	6.2	453	S, B	.040	J10008-4165-5	GM1004-039
182029	428	4.125	4.000	6.000	9.000	1.000	16.4	15.0	12.7	10.8	428	B	STD	J10008-4125-5	GM1003-039
182030	432	4.145	4.000	6.000	9.000	1.000	16.6	15.1	12.8	10.8	432	B	.020	J10008-4145-5	GM1004-039
182031	434	4.155	4.000	6.000	9.000	1.000	16.6	15.2	12.9	10.8	442	B	.030	J10008-4155-5	GM1004-039
182032	436	4.165	4.000	6.000	9.000	1.000	16.8	15.2	13.0	10.9	441	B	.040	J10008-4165-5	GM1004-039
207513	440	4.185	4.000	6.000	9.000	1.000	16.9	15.4	13.1	10.9	455	B	.060	J100F8-4185-5	GM1004-039
182033	414	4.125	3.875	6.000	9.000	1.062	14.7	13.5	11.6	5.6	444	S, B	STD	J10008-4125-5	GM1003-039
182034	417	4.130	3.875	6.000	9.000	1.062	14.7	13.5	11.6	5.6	447	S, B	.005	J10008-4130-5	GM1003-039
182035	418	4.145	3.875	6.000	9.000	1.062	14.8	13.6	11.7	5.6	455	B	.020	J10008-4145-5	GM1004-039
182036	420	4.155	3.875	6.000	9.000	1.062	14.9	13.7	11.8	5.6	460	S, B	.030	J10008-4155-5	GM1004-039
182037	422	4.165	3.875	6.000	9.000	1.062	15.0	13.8	11.8	5.6	469	S, B	.040	J10008-4165-5	GM1004-039
182038	414	4.125	3.875	6.000	9.000	1.062	16.0	14.5	12.4	10.8	438	B	STD	J10008-4125-5	GM1003-039
182039	417	4.130	3.875	6.000	9.000	1.062	16.5	15.0	12.8	10.8	440	B	.005	J10008-4130-5	GM1003-039
182040	418	4.145	3.875	6.000	9.000	1.062	16.6	15.1	12.8	10.8	448	B	.020	J10008-4145-5	GM1004-039
182041	420	4.155	3.875	6.000	9.000	1.062	16.2	14.7	12.5	10.8	454	B	.030	J10008-4155-5	GM1004-039
182042	422	4.165	3.875	6.000	9.000	1.062	16.3	14.8	12.6	10.8	458	B	.040	J10008-4165-5	GM1004-039
207514	426	4.185	3.875	6.000	9.000	1.062	16.4	14.9	12.7	10.8	466	B	.060	J100F8-4185-5	GM1004-039
182045	412	4.155	3.800	6.000	9.000	1.100	14.6	13.4	11.6	5.6	456	B, M	.030	J10008-4155-5	GM1004-039
182047	406	4.125	3.800	6.000	9.000	1.100	15.7	14.3	12.1	10.8	437	B	STD	J10008-4125-5	GM1003-039
182050	410	4.145	3.800	6.000	9.000	1.100	15.8	14.4	12.2	10.8	447	B	.020	J10008-4145-5	GM1004-039
182051	412	4.155	3.800	6.000	9.000	1.100	15.9	14.5	12.3	10.8	449	B	.030	J10008-4155-5	GM1004-039
182052	414	4.165	3.800	6.000	9.000	1.100	15.9	14.5	12.3	10.8	456	B	.040	J10008-4165-5	GM1004-039
182053	401	4.125	3.750	6.000	9.000	1.125	14.3	13.1	11.3	5.6	450	S, B	STD	J10008-4125-5	GM1003-039
182055	405	4.145	3.750	6.000	9.000	1.125	14.4	13.2	11.4	5.6	461	S, B, M	.020	J10008-4145-5	GM1004-039
182056	407	4.155	3.750	6.000	9.000	1.125	14.4	13.3	11.4	5.6	463	S, B	.030	J10008-4155-5	GM1004-039
182057	409	4.165	3.750	6.000	9.000	1.125	14.5	13.3	11.5	5.6	468	S, B	.040	J10008-4165-5	GM1004-039
182058	401	4.125	3.750	6.000	9.000	1.125	15.5	14.1	12.0	10.8	444	B	STD	J10008-4125-5	GM1003-039
182059	402	4.130	3.750	6.000	9.000	1.125	15.5	14.1	12.0	10.8	440	B	.005	J10008-4130-5	GM1003-039
182060	405	4.145	3.750	6.000	9.000	1.125	15.8	14.4	12.2	10.8	447	B	.020	J10008-4145-5	GM1004-039
182061	407	4.155	3.750	6.000	9.000	1.125	15.9	14.5	12.3	10.8	455	B	.030	J10008-4155-5	GM1004-039
182062	409	4.165	3.750	6.000	9.000	1.125	15.7	14.3	12.2	10.8	460	B	.040	J10008-4165-5	GM1004-039
242890	401	4.125	3.750	6.000	9.000	1.125	16.0	14.5	12.3	12.8	448	B	STD	J10008-4125-5	GM1003-039
242891	407	4.155	3.750	6.000	9.000	1.125	16.2	14.7	12.5	12.8	458	B	.030	J10008-4155-5	GM1004-039
242892	409	4.165	3.750	6.000	9.000	1.125	16.3	14.8	12.5	12.8	468	B	.040	J10008-4165-5	GM1004-039
242890	374	4.125	3.500	6.125	9.000	1.125	15.0	13.6	11.6	12.8	448	B	STD	J10008-4125-5	GM1003-039
242891	380	4.155	3.500	6.125	9.000	1.125	15.2	13.8	11.7	12.8	458	B	.030	J10008-4155-5	GM1004-039
242892	382	4.165	3.500	6.125	9.000	1.125	15.3	13.9	11.7	12.8	468	B	.040	J10008-4165-5	GM1004-039
182063	388	4.125	3.625	6.000	9.000	1.187	15.6	14.1	11.9	12.9	451	B	STD	J10008-4125-5	GM1003-039
182064	391	4.145	3.625	6.000	9.000	1.187	15.7	14.2	12.0	12.9	463	B	.020	J10008-4145-5	GM1004-039
182065	393	4.155	3.625	6.000	9.000	1.187	15.7	14.3	12.1	12.9	469	B	.030	J10008-4155-5	GM1004-039

400 SERIES Continued	Std Bore: 4.125	Ring package designed for: 1/16, 1/16, 3/16 Rings													
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 58cc / Compression Ratio	64cc / Compression Ratio	76cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
182066	386	4.155	3.562	6.000	9.000	1.219	15.5	14.1	11.9	12.9	477		.030	J10008-4155-5	GM1004-039
182067	374	4.125	3.500	6.000	9.000	1.250	15.1	13.7	11.6	13.0	458	A	STD	J10008-4125-5	GM1003-039
182068	378	4.145	3.500	6.000	9.000	1.250	15.2	13.8	11.7	13.0	467	A	.020	J10008-4145-5	GM1004-039
182069	380	4.155	3.500	6.000	9.000	1.250	15.3	13.8	11.7	13.0	471	A	.030	J10008-4155-5	GM1004-039
182070	407	4.155	3.750	5.700	9.000	1.425	14.8	13.6	11.6	7.3	491	M	.030	J10008-4155-5	GM1004-039
182071	409	4.165	3.750	5.700	9.000	1.425	14.9	13.6	11.7	7.3	495	M	.040	J10008-4165-5	GM1004-039

23° 350 & 400 F.S.R. HOLLOW DOME GP (GAS PORTED)

New FSR version of our popular 23° domed pistons are ideal for circle track and drag racing. Up to 70 grams lighter than traditional full round (including wrist pin and rings), but stronger and more durable due to modern FEA-designed forging. Deeper valve pockets to accomodate higher lift cams and milled cylinder heads. Accepts low friction .043/.043/3.0mm ring package.

Features:
Accumulator Groove
Contact Reduction Grooves
Double Pin Oilers
Lateral gas ports

Includes:
Pin #927-2250-17-51C
Wire Locks #927-073-MW

350 SERIES	Std Bore: 4.125	Ring package designed for: .043, .043, 3MM Rings													
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 58cc / Compression Ratio	64cc / Compression Ratio	76cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
322529	352	4.000	3.500	6.000	9.000	1.250	14.5	13.1	11.1	13.5	438	A, M	STD	J71408-4000-5	GM1024-039
322530	355	4.020	3.500	6.000	9.000	1.250	14.6	13.2	11.2	13.5	444	A, M	.020	J71408-4020-5	GM1024-039
322531	357	4.030	3.500	6.000	9.000	1.250	14.7	13.3	11.3	13.5	447	A, M	.030	J714F8-4030-5	GM1024-039
322532	358	4.035	3.500	6.000	9.000	1.250	14.7	13.4	11.3	13.5	449	A, M	.035	J714F8-4030-5	GM1002-039
322533	359	4.040	3.500	6.000	9.000	1.250	14.8	13.4	11.3	13.5	460	A, M	.040	J714F8-4040-5	GM1002-039
322534	362	4.060	3.500	6.000	9.000	1.250	14.9	13.5	11.4	13.5	416	A, M	.060	J714F8-4060-5	GM1002-039
322535	377	4.000	3.750	6.000	9.000	1.125	14.8	13.5	11.5	11.0	418	B, M	STD	J71408-4000-5	GM1024-039
322536	381	4.020	3.750	6.000	9.000	1.125	14.9	13.6	11.6	11.0	422	B, M	.020	J71408-4020-5	GM1024-039
322537	383	4.030	3.750	6.000	9.000	1.125	15.0	13.6	11.6	11.0	424	B, M	.030	J714F8-4030-5	GM1024-039
322538	384	4.035	3.750	6.000	9.000	1.125	15.0	13.7	11.6	11.0	426	B, M	.035	J714F8-4030-5	GM1002-039
322539	385	4.040	3.750	6.000	9.000	1.125	15.1	13.7	11.6	11.0	428	B, M	.040	J714F8-4040-5	GM1002-039
322540	388	4.060	3.750	6.000	9.000	1.125	15.2	13.8	11.7	11.0	432	B, M	.060	J714F8-4060-5	GM1002-039
400 SERIES	**Std Bore: 4.125**	**Ring package designed for: .043, .043, 3MM Rings**													
301426	428	4.125	4.000	6.000	9.000	1.000	16.5	15.0	12.7	10.8	406	B	STD	J71408-4125-5	GM1003-039
301427	432	4.145	4.000	6.000	9.000	1.000	16.6	15.1	12.8	10.8	412	B	.020	J71408-4145-5	GM1004-039
301428	434	4.155	4.000	6.000	9.000	1.000	16.7	15.2	12.9	10.8	414	B	.030	J71408-4155-5	GM1004-039
301429	436	4.165	4.000	6.000	9.000	1.000	16.8	15.2	12.9	10.8	417	B	.040	J71408-4165-5	GM1004-039
301458	440	4.185	4.000	6.000	9.000	1.000	16.9	15.3	13.0	10.8	423	B	.060	J71408-4185-5	GM1004-039
301445	414	4.125	3.875	6.000	9.000	1.062	16.0	14.6	12.4	10.8	411	B	STD	J71408-4125-5	GM1003-039
301447	417	4.130	3.875	6.000	9.000	1.062	16.0	14.6	12.4	10.8	410	B	.005	J71408-4130-5	GM1003-039
301448	418	4.145	3.875	6.000	9.000	1.062	16.1	14.7	12.5	10.8	418	B	.020	J71408-4145-5	GM1004-039
301450	420	4.155	3.875	6.000	9.000	1.062	16.1	14.7	12.5	10.8	419	B	.030	J71408-4155-5	GM1004-039
301451	422	4.165	3.875	6.000	9.000	1.062	16.2	14.8	12.6	10.8	423	B	.040	J71408-4165-5	GM1004-039
301453	426	4.185	3.875	6.000	9.000	1.062	16.3	14.9	12.7	10.8	427	B	.060	J71408-4185-5	GM1004-039
301463	406	4.125	3.800	6.000	9.000	1.100	15.7	14.3	12.2	10.8	420		STD	J71408-4125-5	GM1003-039
301464	410	4.145	3.800	6.000	9.000	1.100	15.8	14.4	12.3	10.8	425	M	.020	J71408-4145-5	GM1004-039
301465	412	4.155	3.800	6.000	9.000	1.100	15.9	14.5	12.4	10.8	428	M	.030	J71408-4155-5	GM1004-039
301466	414	4.165	3.800	6.000	9.000	1.100	16.0	14.6	12.5	10.8	430		.040	J71408-4165-5	GM1004-039
301475	401	4.125	3.750	6.000	9.000	1.125	15.5	14.1	12.0	10.8	425		STD	J71408-4125-5	GM1003-039
322561	401	4.125	3.750	6.000	9.000	1.125	16.1	14.6	12.3	13.0	430	M	STD	JG7708-4125-5	GM1003-039
301476	402	4.130	3.750	6.000	9.000	1.125	15.5	14.1	12.0	10.8	425	M	.005	J70108-4130-5	GM1003-039
322562	402	4.130	3.750	6.000	9.000	1.125	16.1	14.6	12.4	13.0	432	M	.005	JG7708-4130-5	GM1003-039
301477	405	4.145	3.750	6.000	9.000	1.125	15.6	14.2	12.1	10.8	429		.020	J71408-4145-5	GM1004-039
322563	405	4.145	3.750	6.000	9.000	1.125	16.2	14.7	12.4	13.0	434	M	.020	JG7708-4145-5	GM1004-039
301478	407	4.155	3.750	6.000	9.000	1.125	15.7	14.3	12.2	10.8	431		.030	J71408-4155-5	GM1004-039
322564	407	4.155	3.750	6.000	9.000	1.125	16.3	14.8	12.5	13.0	437	M	.030	JG7708-4155-5	GM1004-039
301479	409	4.165	3.750	6.000	9.000	1.125	15.7	14.3	12.2	10.8	434		.040	J71408-4165-5	GM1004-039
322565	409	4.165	3.750	6.000	9.000	1.125	16.3	14.8	12.5	13.0	439	M	.040	JG7708-4165-5	GM1004-039

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

350 / 400 18° FLAT TOP

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 52cc Compression Ratio	55cc Compression Ratio	58cc Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
350 SERIES	**Std Bore: 4.000**	**Ring package designed for: 1/16, 1/16, 3/16 Rings**													
190422	357	4.030	3.500	6.000	9.000	1.250	11.9	11.4	10.9	-6.0	448	A, M	.030	J100F8-4030-5	GM1002-039
190423	359	4.040	3.500	6.000	9.000	1.250	11.9	11.4	10.9	-6.0	449	A, M	.040	J100F8-4040-5	GM1002-039
400 SERIES	**Std Bore: 4.125**	**Ring package designed for: 1/16, 1/16, 3/16 Rings**													
181951	428	4.125	4.000	6.000	9.000	1.000	14.0	13.4	12.9	-6.0	422	B	STD	J10008-4125-5	GM1003-039
181953	430	4.135	4.000	6.000	9.000	1.000	14.0	13.4	12.9	-6.0	428	B, M	.010	J10008-4135-5	GM1003-039
181954	432	4.145	4.000	6.000	9.000	1.000	14.1	13.5	13.0	-6.0	432	B, M	.020	J10008-4145-5	GM1004-039
181955	434	4.155	4.000	6.000	9.000	1.000	14.1	13.5	13.0	-6.0	436	B	.030	J10008-4155-5	GM1004-039
181956	436	4.165	4.000	6.000	9.000	1.000	14.2	13.7	13.1	-6.0	442	B	.040	J10008-4165-5	GM1004-039
181957	414	4.125	3.875	6.000	9.000	1.062	13.6	13.1	12.6	-6.0	440	B	STD	J10008-4125-5	GM1003-039
181958	415	4.130	3.875	6.000	9.000	1.062	13.6	13.1	12.6	-6.0	437	B, M	.005	J10008-4130-5	GM1003-039
181960	420	4.155	3.875	6.000	9.000	1.062	13.7	13.2	12.7	-6.0	449	B	.030	J10008-4155-5	GM1004-039
181961	422	4.165	3.875	6.000	9.000	1.062	13.8	13.3	12.8	-6.0	454	B	.040	J10008-4165-5	GM1004-039
243033	401	4.125	3.750	6.000	9.000	1.125	13.2	12.7	12.2	-6.0	433	B, M	STD	J10008-4125-5	GM1003-039
243037	407	4.155	3.750	6.000	9.000	1.125	13.3	12.8	12.3	-6.0	446	B	.030	J10008-4155-5	GM1004-039
243038	409	4.165	3.750	6.000	9.000	1.125	13.4	12.9	12.3	-6.0	451	B	.040	J10008-4165-5	GM1004-039

350 18° DOME

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 52cc Compression Ratio	55cc Compression Ratio	58cc Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
350 SERIES	**Std Bore: 4.000**	**Ring package designed for: 1/16, 1/16, 3/16 Rings**													
181965	357	4.030	3.500	6.000	9.000	1.250	13.6	13.0	12.4	3.0	462	A, M	.030	J10008-4030-5	GM1002-039

400 SMALL BLOCK 18° DOME

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 52cc Compression Ratio	55cc Compression Ratio	58cc Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
400 SERIES	**Std Bore: 4.125**	**Ring package designed for: 1/16, 1/16, 3/16 Rings**													
213103	400	4.125	4.000	6.000	9.000	1.000	15.9	15.2	14.5	2.5	441	S, B	STD	J10008-4125-5	GM1003-039
213104	429	4.130	4.000	6.000	9.000	1.000	15.9	15.2	14.5	2.5	440	S, B, M	.005	J10008-4130-5	GM1003-039
213105	430	4.135	4.000	6.000	9.000	1.000	15.9	15.2	14.5	2.5	434	S, B	.010	J10008-4135-5	GM1003-039
213106	432	4.145	4.000	6.000	9.000	1.000	16.0	15.3	14.6	2.5	443	S, B	.020	J10008-4145-5	GM1004-039
213107	434	4.155	4.000	6.000	9.000	1.000	16.0	15.3	14.6	2.5	448	S, B	.030	J10008-4155-5	GM1004-039
213108	434	4.165	4.000	6.000	9.000	1.000	16.1	15.4	14.7	2.5	450	S, B	.040	J10008-4165-5	GM1004-039
213109	414	4.125	3.875	6.000	9.000	1.062	15.4	14.7	14.1	2.5	450	S, B	STD	J10008-4125-5	GM1003-039
213110	416	4.135	3.875	6.000	9.000	1.062	15.4	14.7	14.1	2.5	452	S, B	.010	J10008-4135-5	GM1003-039
213111	418	4.145	3.875	6.000	9.000	1.062	15.4	14.7	14.1	2.5	460	S, B	.020	J10008-4145-5	GM1004-039
213112	420	4.155	3.875	6.000	9.000	1.062	15.6	14.9	14.2	2.5	463	S, B	.030	J10008-4155-5	GM1004-039
213113	406	4.125	3.800	6.000	9.000	1.100	15.1	14.4	13.8	2.5	455	S, B, M	STD	J10008-4125-5	GM1003-039
213116	410	4.145	3.800	6.000	9.000	1.100	15.1	14.4	13.8	2.5	466	S, B	.020	J10008-4145-5	GM1004-039
213117	412	4.155	3.800	6.000	9.000	1.100	15.3	14.6	14.0	2.5	470	S, B	.030	J10008-4155-5	GM1004-039
213118	401	4.125	3.750	6.000	9.000	1.125	14.9	14.3	13.7	2.5	463	S, B	STD	J10008-4125-5	GM1003-039
213119	402	4.130	3.750	6.000	9.000	1.125	14.9	14.3	13.7	2.5	461	S, B	.005	J10008-4130-5	GM1003-039
213120	403	4.135	3.750	6.000	9.000	1.125	14.9	14.3	13.7	2.5	464	S, B	.010	J10008-4135-5	GM1003-039
213121	405	4.145	3.750	6.000	9.000	1.125	15.1	14.4	13.8	2.5	469	S, B	.020	J10008-4145-5	GM1004-039
213122	407	4.155	3.750	6.000	9.000	1.125	15.1	14.4	13.8	2.5	478	S, B	.030	J10008-4155-5	GM1004-039
213123	409	4.165	3.750	6.000	9.000	1.125	15.2	14.5	13.9	2.5	479	S, B	.040	J10008-4165-5	GM1004-039
213124	387	4.125	3.625	6.000	9.000	1.187	14.5	13.9	13.3	2.5	468	S, B, M	STD	J10008-4125-5	GM1003-039
213125	388	4.130	3.625	6.000	9.000	1.187	14.5	13.9	13.3	2.5	470	S, B, M	STD	J10008-4130-5	GM1003-039
213127	374	4.125	3.500	6.000	9.000	1.250	14.3	13.6	13.1	3.5	487	S	STD	J10008-4125-5	GM1003-039
213128	375	4.130	3.500	6.000	9.000	1.250	14.3	13.6	13.1	3.5	490	M, S	.005	J10008-4130-5	GM1003-039
213129	376	4.135	3.500	6.000	9.000	1.250	14.3	13.6	13.1	3.5	492	M, S	.010	J10008-4135-5	GM1003-039




400 SMALL BLOCK GP (GAS PORTED) 18° DOME

18° GP SERIES Std Bore: 4.125 Ring package designed for: 1.2, 1.5 3MM Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							50cc	54cc	58cc						
							Compression Ratio								
218595	428	4.125	4.000	6.000	9.000	1.000	15.9	15.2	14.5	2.5	444	S, B, M	STD	J75008-4125-5	GM1003-039
218594	414	4.125	3.875	6.000	9.000	1.062	15.4	14.7	14.1	2.5	454	S, B	STD	J75008-4125-5	GM1003-039
218592	406	4.125	3.800	6.000	9.000	1.100	15.1	14.5	13.8	2.5	464	S, B, M	STD	J75008-4125-5	GM1003-039
218593	401	4.125	3.750	6.000	9.000	1.125	14.9	14.3	13.7	2.5	466	S, B, M	STD	J75008-4125-5	GM1003-039

13° SERIES

400 13° SERIES - ACCOMODATES ALL PRO, BRODIX, and DART 13° Std Bore: 4.125 Ring package designed for: .043, .043, 3.0mm Rings
***Valve pockets can be cut .025" deeper on part numbers 377980 - 378011**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							40cc	45cc	50cc						
							Compression Ratio								
377972	428	4.125	4.000	6.000	9.000	1.000	17.6	16.2	15.0	-3.5	415	B, S	STD	JG7708-4125-5	GM1003-039
377973	429	4.130	4.000	6.000	9.000	1.000	17.6	16.2	15.0	-3.5	417	B, S	.005	JG7708-4130-5	GM1003-039
377974	430	4.135	4.000	6.000	9.000	1.000	17.7	16.2	15.0	-3.5	419	B, S	.010	JG7708-4135-5	GM1003-039
377975	431	4.140	4.000	6.000	9.000	1.000	17.7	16.3	15.0	-3.5	421	B, S	.015	JG7708-4135-5	GM1004-039
377976	432	4.145	4.000	6.000	9.000	1.000	17.7	16.3	15.1	-3.5	423	B, S	.020	JG7708-4145-5	GM1004-039
377977	433	4.150	4.000	6.000	9.000	1.000	17.8	16.3	15.1	-3.5	425	B, S	.025	JG7708-4145-5	GM1004-039
377978	434	4.155	4.000	6.000	9.000	1.000	17.8	16.3	15.1	-3.5	427	B, S	.030	JG7708-4155-5	GM1004-039
377979	436	4.165	4.000	6.000	9.000	1.000	17.9	16.4	15.2	-3.5	430	B, S	.040	JG7708-4165-5	GM1004-039
377980	414	4.125	3.875	6.000	9.000	1.062	16.7	15.4	14.3	-4.5	TBD	B, S	STD	JG7708-4125-5	GM1003-039
377981	415	4.130	3.875	6.000	9.000	1.062	16.7	15.4	14.3	-4.5	TBD	B, S	.005	JG7708-4130-5	GM1003-039
377982	416	4.135	3.875	6.000	9.000	1.062	16.8	15.4	14.3	-4.5	TBD	B, S	.010	JG7708-4135-5	GM1003-039
377983	417	4.140	3.875	6.000	9.000	1.062	16.8	15.5	14.4	-4.5	TBD	B, S	.015	JG7708-4135-5	GM1004-039
377984	418	4.145	3.875	6.000	9.000	1.062	16.8	15.5	14.4	-4.5	TBD	B, S	.020	JG7708-4145-5	GM1004-039
377985	419	4.150	3.875	6.000	9.000	1.062	16.9	15.6	14.4	-4.5	TBD	B, S	.025	JG7708-4145-5	GM1004-039
377986	420	4.155	3.875	6.000	9.000	1.062	16.9	15.6	14.5	-4.5	TBD	B, S	.030	JG7708-4155-5	GM1004-039
377987	422	4.165	3.875	6.000	9.000	1.062	16.9	15.6	14.5	-4.5	TBD	B, S	.040	JG7708-4165-5	GM1004-039
377988	406	4.125	3.800	6.000	9.000	1.100	16.4	15.1	14.0	-4.5	TBD	B, S	STD	JG7708-4125-5	GM1003-039
377989	407	4.130	3.800	6.000	9.000	1.100	16.5	15.2	14.0	-4.5	TBD	B, S	.005	JG7708-4130-5	GM1003-039
377990	408	4.135	3.800	6.000	9.000	1.100	16.5	15.2	14.1	-4.5	TBD	B, S	.010	JG7708-4135-5	GM1003-039
377991	409	4.140	3.800	6.000	9.000	1.100	16.5	15.2	14.1	-4.5	TBD	B, S	.015	JG7708-4135-5	GM1004-039
377992	410	4.145	3.800	6.000	9.000	1.100	16.6	15.3	14.1	-4.5	TBD	B, S	.020	JG7708-4145-5	GM1004-039
377993	411	4.150	3.800	6.000	9.000	1.100	16.6	15.3	14.1	-4.5	TBD	B, S	.025	JG7708-4145-5	GM1004-039
377994	412	4.155	3.800	6.000	9.000	1.100	16.6	15.4	14.2	-4.5	TBD	B, S	.030	JG7708-4155-5	GM1004-039
377995	414	4.165	3.800	6.000	9.000	1.100	16.7	15.4	14.2	-4.5	TBD	B, S	.040	JG7708-4165-5	GM1004-039
377996	401	4.125	3.750	6.000	9.000	1.125	16.2	15.0	13.9	-4.5	TBD	B, S	STD	JG7708-4125-5	GM1003-039
377997	402	4.130	3.750	6.000	9.000	1.125	16.2	15.0	13.9	-4.5	TBD	B, S	.005	JG7708-4130-5	GM1003-039
377998	403	4.135	3.750	6.000	9.000	1.125	16.3	15.0	13.9	-4.5	TBD	B, S	.010	JG7708-4135-5	GM1003-039
377999	404	4.140	3.750	6.000	9.000	1.125	16.3	15.0	13.9	-4.5	TBD	B, S	.015	JG7708-4135-5	GM1004-039
378000	405	4.145	3.750	6.000	9.000	1.125	16.3	15.0	14.0	-4.5	TBD	B, S	.020	JG7708-4145-5	GM1004-039
378001	406	4.150	3.750	6.000	9.000	1.125	16.4	15.1	14.0	-4.5	TBD	B, S	.025	JG7708-4145-5	GM1004-039
378002	407	4.155	3.750	6.000	9.000	1.125	16.4	15.1	14.0	-4.5	TBD	B, S	.030	JG7708-4155-5	GM1004-039
378003	409	4.165	3.750	6.000	9.000	1.125	16.5	15.2	14.1	-4.5	TBD	B, S	.040	JG7708-4165-5	GM1004-039
378004	406	4.125	3.800	5.850	9.000	1.250	16.4	15.1	14.0	-4.5	371	S	STD	JG7708-4125-5	GM1003-039
378005	407	4.130	3.800	5.850	9.000	1.250	16.5	15.2	14.0	-4.5	373	S	.005	JG7708-4130-5	GM1003-039
378006	408	4.135	3.800	5.850	9.000	1.250	16.5	15.2	14.1	-4.5	375	S	.010	JG7708-4135-5	GM1003-039
378007	409	4.140	3.800	5.850	9.000	1.250	16.5	15.2	14.1	-4.5	376	S	.015	JG7708-4135-5	GM1004-039
378008	410	4.145	3.800	5.850	9.000	1.250	16.6	15.3	14.1	-4.5	377	S	.020	JG7708-4145-5	GM1004-039
378009	411	4.150	3.800	5.850	9.000	1.250	16.6	15.3	14.1	-4.5	378	S	.025	JG7708-4145-5	GM1004-039
378010	412	4.155	3.800	5.850	9.000	1.250	16.6	15.4	14.2	-4.5	379	S	.030	JG7708-4155-5	GM1004-039
378011	414	4.165	3.800	5.850	9.000	1.250	16.7	15.4	14.2	-4.5	380	S	.040	JG7708-4165-5	GM1004-039

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

14° RHS/ PRO ACTION®/ PRO TOPLINE®

14° 400 PRO ACTION/ PRO TOPLINE Std Bore: 4.125 Ring package designed for: 1/16, 1/16, 3/16 Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio 52cc	55cc	60cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
194955	407	4.135	3.800	6.000	9.000	1.100	15.3	14.6	13.6	3.0	464	S, B, M	.010	J10008-4135-5	GM1003-039

BRODIX® - 12 15° DOME

400 BRODIX - 12 SERIES Std Bore: 4.125 Ring package designed for: 1/16, 1/16, 3/16 Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio 50cc	54cc	58cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
170750	428	4.125	4.000	6.000	9.000	1.000	16.3	15.3	14.4	2.0	437	B	STD	J10008-4125-5	GM1003-039
170751	432	4.145	4.000	6.000	9.000	1.000	16.4	15.4	14.5	2.0	444	B, M	.020	J10008-4145-5	GM1004-039
170752	434	4.155	4.000	6.000	9.000	1.000	16.4	15.4	14.5	2.0	454	B	.030	J10008-4155-5	GM1004-039
170753	436	4.165	4.000	6.000	9.000	1.000	16.7	15.6	14.7	2.0	440	B	.040	J10008-4165-5	GM1004-039
170754	414	4.125	3.875	6.000	9.000	1.062	15.8	14.8	14.0	2.0	454	B	STD	J10008-4125-5	GM1003-039
170755	415	4.130	3.875	6.000	9.000	1.062	15.8	14.8	14.0	2.0	455	B, M	.005	J10008-4130-5	GM1003-039
170756	416	4.135	3.875	6.000	9.000	1.062	15.8	14.8	14.0	2.0	456	B, M	.010	J10008-4135-5	GM1003-039
170757	418	4.145	3.875	6.000	9.000	1.062	15.8	14.8	14.0	2.0	464	B	.020	J10008-4145-5	GM1004-039
170758	420	4.155	3.875	6.000	9.000	1.062	16.0	15.0	14.1	2.0	456	B	.030	J10008-4155-5	GM1004-039
170759	406	4.125	3.800	6.000	9.000	1.100	15.4	14.5	13.7	2.0	462	B	STD	J10008-4125-5	GM1003-039
170760	407	4.130	3.800	6.000	9.000	1.100	15.4	14.5	13.7	2.0	464	B, M	.005	J10008-4130-5	GM1003-039
170761	408	4.135	3.800	6.000	9.000	1.100	15.4	14.5	13.7	2.0	465	B	.010	J10008-4135-5	GM1003-039
170762	410	4.145	3.800	6.000	9.000	1.100	15.4	14.5	13.7	2.0	470	B	.020	J10008-4145-5	GM1004-039
170763	412	4.155	3.800	6.000	9.000	1.100	15.4	14.5	13.7	2.0	462	B	.030	J10008-4155-5	GM1004-039
170764	414	4.165	3.800	6.000	9.000	1.100	15.8	14.8	14.0	2.0	468	B, M	.040	J10008-4165-5	GM1004-039
170765	401	4.125	3.750	6.000	9.000	1.125	15.3	14.4	13.6	2.0	460	B, M	STD	J10008-4125-5	GM1003-039
170766	405	4.145	3.750	6.000	9.000	1.125	15.4	14.5	13.7	2.0	473	B, M	.020	J10008-4145-5	GM1004-039
170767	407	4.155	3.750	6.000	9.000	1.125	15.4	14.5	13.7	2.0	464	B, M	.030	J10008-4155-5	GM1004-039
170768	409	4.165	3.750	6.000	9.000	1.125	15.5	14.6	13.8	2.0	467	B, M	.040	J10008-4165-5	GM1004-039

BRODIX® - 12 15° SOLID DOME

400 BRODIX - 12 15° SERIES Std Bore: 4.125 Ring package designed for: 1/16, 1/16, 3/16 Rings

186444	407	4.130	3.800	6.000	9.000	1.100	15.8	14.6	13.6	3.0	446	B, S, M	.005	J10008-4130-5	GM1003-039
186445	408	4.135	3.800	6.000	9.000	1.100	15.8	14.6	13.6	3.0	448	B, S, M	.010	J10008-4135-5	GM1003-039
186446	409	4.140	3.800	6.000	9.000	1.100	15.8	14.6	13.6	3.0	450	B, S	.015	J10008-4135-5	GM1004-039
186447	410	4.145	3.800	6.000	9.000	1.100	15.8	14.6	13.6	3.0	452	B, S	.020	J10008-4145-5	GM1004-039
194945	412	4.155	3.800	6.000	9.000	1.100	15.9	15.0	14.1	3.0	456	B, S	.030	J10008-4155-5	GM1004-039

350 BRODIX® 11X / 360 SPRINT CAR ASCS

A new dome profile provides higher compression, while high-stress areas have been strengthened. Precison CNC-machined ring grooves now accept .043, .043, 3.0mm rings for reduced drag and Lateral Gas Ports have been added for improved ring seal. Now supplied with chamfered pins and round wire locks. The perfect choice for 360 Sprint Car applications but also work well in Nitrous-assisted drag race engines.

Features:
Accumulator Grooves
Double Pin Oilers
Lateral Gas Ports

Includes:
Pin #927-2250-17-51C
Round Wire Locks # 927-073-MW

350 SERIES Std Bore: 4.000 Ring package designed for: .043, .043, 3.0mm Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio 58cc	64cc	76cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
310560	353	4.005	3.500	6.000	9.000	1.250	14.7:1	13.3:1	11.8:1	14.0	434	A, M	.005	J71408-4000-5	GM1024-039
310561	355	4.020	3.500	6.000	9.000	1.250	14.8:1	13.4:1	11.9:1	14.0	435	A	.020	J71408-4020-5	GM1024-039
310562	357	4.030	3.500	6.000	9.000	1.250	14.8:1	13.4:1	11.9:1	14.0	442	A	.030	J71408-4030-5	GM1002-039
310563	358	4.035	3.500	6.000	9.000	1.250	14.8:1	13.4:1	11.9:1	14.0	440	A	.035	J71408-4030-5	GM1002-039
310564	359	4.040	3.500	6.000	9.000	1.250	14.9:1	13.5:1	12.0:1	14.0	444	A	.040	J71408-4040-5	GM1002-039
310565	360	4.045	3.500	6.000	9.000	1.250	14.9:1	13.5:1	12.0:1	14.0	444	A	.045	J71408-4040-5	GM1002-039

360 SPRINT CAR ASCS FSR SERIES

360 SERIES **Std Bore: 4.125** **Ring package designed for: .043, .043, 3.0mm Rings**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 58cc	64cc	72cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
323654	357	4.125	3.335	6.000	9.000	1.335	14.7	13.3	11.8	14.0	464		STD	JG7708-4125-5	GM1003-039
323655	357	4.130	3.335	6.000	9.000	1.335	14.7	13.3	11.9	14.0	465		.005	JG7708-4130-5	GM1003-039
323656	358	4.135	3.335	6.000	9.000	1.335	14.7	13.3	11.9	14.0	466		.010	JG77F8-4135-5	GM1003-039
323657	359	4.140	3.335	6.000	9.000	1.335	14.8	13.4	11.9	14.0	467	M	.015	JG77F8-4135-5	GM1004-039
323658	360	4.145	3.335	6.000	9.000	1.335	14.8	13.4	11.9	14.0	469	M	.020	JG7708-4145-5	GM1004-039

360 SPRINT CAR ASCS / 11X ROUND SERIES

Features:
3D Undercrown Milling
Accumulator Grooves
Contact Reduction Grooves

Double Pin Oilers
Ultra Groove
Vertical Gas Ports

Includes:
Pin #927-2750-17-93C
Round Wire Locks # 927-073-MW

360 SERIES **Std Bore: 4.125** **Ring package designed for: .043, .043, 3.0mm Rings**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 58cc	64cc	72cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
378081	355	4.020	3.500	6.000	9.000	1.250	14.9	13.5	12.0	14.5	447	A	STD	JG77F8-4020-5	GM1003-039
378082	356	4.025	3.500	6.000	9.000	1.250	14.9	13.5	12.0	14.5	448	A	.005	JG77F8-4020-5	GM1003-039
378083	357	4.030	3.500	6.000	9.000	1.250	15.0	13.5	12.0	14.5	449	A	.010	JG77F8-4030-5	GM1003-039
378084	358	4.035	3.500	6.000	9.000	1.250	15.0	13.5	12.0	14.5	450	A	.015	JG77F8-4030-5	GM1004-039
378085	359	4.040	3.500	6.000	9.000	1.250	15.0	13.6	12.0	14.5	451	A	.020	JG77F8-4040-5	GM1004-039
378086	360	4.045	3.500	6.000	9.000	1.250	15.0	13.6	12.1	14.5	452	A	.025	JG77F8-4040-5	GM1004-039
378087	361	4.050	3.500	6.000	9.000	1.250	15.1	13.6	12.1	14.5	453	A	.030	JG77F8-4050-5	GM1004-039
378088	362	4.060	3.500	6.000	9.000	1.250	15.1	13.7	12.2	14.5	454	A	.035	JG77F8-4060-5	GM1004-039
378089	363	4.065	3.500	6.000	9.000	1.250	15.2	13.7	12.2	14.5	456	A	.040	JG77F8-4060-5	GM1004-039
378090	357	4.125	3.335	6.000	9.000	1.335	14.8	13.4	11.9	14.5	486		STD	JG77F8-4125-5	GM1003-039
378091	357	4.130	3.335	6.000	9.000	1.335	14.9	13.4	12.0	14.5	487		.005	JG77F8-4125-5	GM1003-039
378092	358	4.135	3.335	6.000	9.000	1.335	14.9	13.5	12.0	14.5	488		.010	JG77F8-4135-5	GM1003-039
378093	359	4.140	3.335	6.000	9.000	1.335	14.9	13.5	12.0	14.5	489		.015	JG77F8-4135-5	GM1004-039
378094	360	4.145	3.335	6.000	9.000	1.335	14.9	13.5	12.0	14.5	490		.020	JG77F8-4145-5	GM1004-039
378095	361	4.150	3.335	6.000	9.000	1.335	15.0	13.5	12.0	14.5	492		.025	JG77F8-4145-5	GM1004-039
378096	362	4.155	3.335	6.000	9.000	1.335	15.0	13.6	12.0	14.5	494		.030	JG77F8-4155-5	GM1004-039
378097	363	4.160	3.335	6.000	9.000	1.335	15.0	13.6	12.0	14.5	496		.035	JG77F8-4155-5	GM1004-039
378098	364	4.165	3.335	6.000	9.000	1.335	15.0	13.6	12.1	14.5	498		.040	JG77F8-4165-5	GM1004-039

400 BRODIX® 11X

400 SERIES **Std Bore: 4.125** **Ring package designed for: .043, .043, 3.0mm Rings**

323647	406	4.125	3.800	6.000	9.000	1.100	15.2	13.9	12.5	8.8	447	M	STD	JG7708-4125-5	GM1003-039
323648	408	4.135	3.800	6.000	9.000	1.100	15.3	13.9	12.5	8.8	449	M	.010	JG77F8-4135-5	GM1003-039
323649	410	4.145	3.800	6.000	9.000	1.100	15.3	14.0	12.6	8.8	451	M	.020	JG7708-4145-5	GM1004-039
323650	401	4.125	3.750	6.000	9.000	1.125	15.0	13.7	12.3	8.8	451	M	STD	JG7708-4125-5	GM1004-039
323651	403	4.135	3.750	6.000	9.000	1.125	15.1	13.8	12.4	8.8	453	M	.010	JG77F8-4135-5	GM1004-039
323652	405	4.145	3.750	6.000	9.000	1.125	15.1	13.8	12.4	8.8	456	M	.020	JG7708-4145-5	GM1004-039

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

BIG BLOCK CHEVROLET

When the first Big Block Chevy made it's debut in 1963 at the Daytona 500, it was referred to as the "mystery motor". Now, over 40 years later, it has been used in so many different applications that it would be impossible to list them all. Described below are some of the most common characteristics of the big block Chevy, in order to help you to arrive at the proper piston selection.

To determine piston compatibility most big block Chevrolet cylinder heads can be divided into two categories; closed chamber and open chamber. The closed chamber head was originally used on the 396 and 427 engines and has a restricted combustion chamber area. All JE flat top and inverted dome pistons will work with most closed chamber heads. JE has a selection of closed chamber domed pistons available as shelf stock. The open chamber style head was introduced on the LS6 and LS7 454 engines and features an average combustion chamber size of 118cc. All JE Big Block Chevy dome shelf pistons may be used with most open chamber cylinder heads. Exceptions are Edelbrock cylinder head numbers #6040, #6045 and #6055, all of which require custom pistons.

Other cylinder heads, such as those with the popular 18º valve angles, require special order pistons unless a specific catalog piston has been designed for them. REMEMBER, always check piston to cylinder head clearance during assembly as shown on the tech page of this catalog.

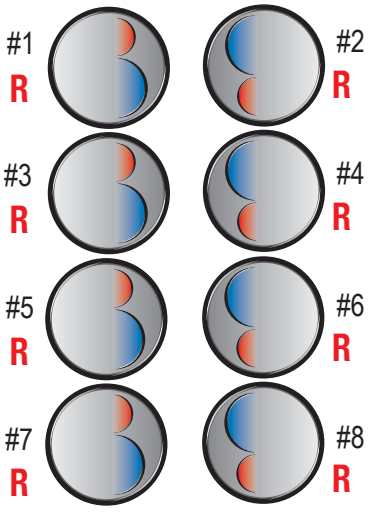
If you have questions regarding the head chamber details on your particular cylinder head JE suggests that you contact the cylinder head manufacturer directly.

Another critical area of importance when choosing a piston for the big block Chevy is block deck height and deck clearance. Standard deck height from GM is 9.800" however the GM truck blocks, as well as some aftermarket offerings, have a deck height of 10.200". The "tall deck" block (10.200") as it is commonly known, allows the use of longer stroke and longer rod combinations for increased displacement.

JE uses the 9.780" block deck height with zero deck clearance when computing compression heights for all of our big block Chevy pistons except where noted. Use the handy compression height calculator provided on the tech page of this catalog to determine the correct piston for your application.

WITH 3D MILLING

FRONT OF ENGINE



BBC OPEN CHAMBER LIGHTWEIGHT FSR GP

The most advanced Big Block Chevy piston available! JE's engineering team created an entirely new FSR forging to provide unmatched strength and a significant reduction in weight compared to other designs. Each purpose built piston is manufactured from high strength 2618 alloy and is compatible with all open chamber cylinder heads.

Features:
Hollow Dome FSR Forging
Lateral Gas Ports
3D Undercrown Milling

Includes:
990-2500-18-51C wrist pins
Wire Locks

OPEN CHAMBER DOME **Std Bore: 427/454 = 4.250, 502 BBC = 4.466** **Ring package designed for: .043, .043, 3.0mm Rings** **All Parts Now Feature 3D undercrown milling**

**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio 110cc	118cc	124cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
330120	557	4.500	4.375	6.535	9.782	1.060	15.0	13.8	13.0	40.0	598	B, M	.034	JG7708-4500-5	GM1010-039**
330121	564	4.530	4.375	6.535	9.782	1.060	15.2	13.9	13.1	40.0		B, M	.064	JG7708-4530-5	GM1011-039**
330122	572	4.560	4.375	6.535	9.782	1.060	15.4	14.1	13.3	40.0	616	B	.094	JG7708-4560-5	GM1011-039**
330123	582	4.600	4.375	6.535	9.782	1.060	15.6	14.3	13.5	40.0	628	B	.134	JG7708-4600-5	GM1011-039**
330124	584	4.610	4.375	6.535	9.782	1.060	15.6	14.3	13.5	40.0	633	B	.144	JG7708-4610-5	
330125	588	4.625	4.375	6.535	9.782	1.060	15.7	14.4	13.6	40.0	639	B, M	.159	JG7708-4625-5	
330126	541	4.500	4.250	6.535	9.780	1.120	15.0	13.7	12.9	42.0	606	B, M	.034	JG7708-4500-5	GM1010-039**
330127	548	4.530	4.250	6.535	9.780	1.120	15.1	13.9	13.0	42.0	619	B, M	.064	JG7708-4530-5	GM1011-039**
330128	555	4.560	4.250	6.535	9.780	1.120	15.3	14.0	13.2	42.0	629	B	.094	JG7708-4560-5	GM1011-039**
330129	565	4.600	4.250	6.535	9.780	1.120	15.5	14.2	13.4	42.0	640	B	.134	JG7708-4600-5	GM1011-039**
330130	568	4.610	4.250	6.535	9.780	1.120	15.6	14.3	13.4	42.0	625	B	.144	JG7708-4610-5	
330131	571	4.625	4.250	6.535	9.780	1.120	15.7	14.3	13.5	42.0	651	B, M	.159	JG7708-4625-5	
330126	557	4.500	4.375	6.480	9.787	1.120	15.4	14.1	13.2	42.0	606	B, M	.034	JG7708-4500-5	GM1010-039**
330127	564	4.530	4.375	6.480	9.787	1.120	15.6	14.3	13.4	42.0	619	B, M	.064	JG7708-4530-5	GM1011-039**
330128	572	4.560	4.375	6.480	9.787	1.120	15.7	14.4	13.5	42.0	629	B	.094	JG7708-4560-5	GM1011-039**
330129	582	4.600	4.375	6.480	9.787	1.120	16.0	14.6	13.7	42.0	640	B	.134	JG7708-4600-5	GM1011-039**
330130	584	4.610	4.375	6.480	9.787	1.120	16.0	14.6	13.8	42.0	625	B	.144	JG7708-4610-5	
330131	588	4.625	4.375	6.480	9.787	1.120	16.1	14.7	13.9	42.0	651	B, M	.159	JG7708-4625-5	
330126	573	4.500	4.500	6.800	10.170	1.120	15.8	14.5	13.6	42.0	606	B, M	.034	JG7708-4500-5	GM1010-039**
330127	580	4.530	4.500	6.800	10.170	1.120	16.0	14.6	13.7	42.0	619	B, M	.064	JG7708-4530-5	GM1011-039**
330128	588	4.560	4.500	6.800	10.170	1.120	16.1	14.8	13.9	42.0	629	B	.094	JG7708-4560-5	GM1011-039**
330129	598	4.600	4.500	6.800	10.170	1.120	16.4	15.0	14.1	42.0	640	B	.134	JG7708-4600-5	GM1011-039**
330130	601	4.610	4.500	6.800	10.170	1.120	16.4	15.0	14.1	42.0	625	B	.144	JG7708-4610-5	
330131	605	4.625	4.500	6.800	10.170	1.120	16.5	15.1	14.2	42.0	651	B, M	.159	JG7708-4625-5	
330126	604	4.500	4.750	6.700	10.195	1.120	16.6	15.2	14.3	42.0	606	B, M	.034	JG7708-4500-5	GM1010-039**
330127	612	4.530	4.750	6.700	10.195	1.120	16.8	15.4	14.4	42.0	619	B, M	.064	JG7708-4530-5	GM1011-039**
330128	621	4.560	4.750	6.700	10.195	1.120	17.0	15.5	14.6	42.0	629	B	.094	JG7708-4560-5	GM1011-039**
330129	632	4.600	4.750	6.700	10.195	1.120	17.2	15.8	14.8	42.0	640	B	.134	JG7708-4600-5	GM1011-039**
330130	634	4.610	4.750	6.700	10.195	1.120	17.3	15.8	14.9	42.0	625	B	.144	JG7708-4610-5	
330131	638	4.625	4.750	6.700	10.195	1.120	17.4	15.9	14.9	42.0	651	B, M	.159	JG7708-4625-5	
330132	573	4.500	4.500	6.385	9.790	1.155	16.2	14.8	13.9	44.0	628	B, M	.034	JG7708-4500-5	GM1010-039**
330133	580	4.530	4.500	6.385	9.790	1.155	16.4	14.9	14.0	44.0		B, M	.064	JG7708-4530-5	GM1011-039**
330134	588	4.560	4.500	6.385	9.790	1.155	16.5	15.1	14.2	44.0		B	.094	JG7708-4560-5	GM1011-039**
330135	598	4.600	4.500	6.385	9.790	1.155	16.8	15.3	14.4	44.0	667	B	.134	JG7708-4600-5	GM1011-039**
330136	601	4.610	4.500	6.385	9.790	1.155	16.8	15.4	14.4	44.0		B	.144	JG7708-4610-5	
330137	605	4.625	4.500	6.385	9.790	1.155	16.9	15.4	14.5	44.0		B, M	.159	JG7708-4625-5	
330138	557	4.500	4.375	6.385	9.787	1.215	15.0	13.8	13.0	40.0	584	B, M	.034	JG7708-4500-5	GM1010-039**
330139	564	4.530	4.375	6.385	9.787	1.215	15.2	13.9	13.1	40.0	651	B, M	.064	JG7708-4530-5	GM1011-039**
330140	572	4.560	4.375	6.385	9.787	1.215	15.4	14.1	13.3	40.0	656	B	.094	JG7708-4560-5	GM1011-039**
330141	582	4.600	4.375	6.385	9.787	1.215	15.6	14.3	13.5	40.0	675	B	.134	JG7708-4600-5	GM1011-039**
330142	584	4.610	4.375	6.385	9.787	1.215	15.6	14.3	13.5	40.0	676	B	.144	JG7708-4610-5	
330143	588	4.625	4.375	6.385	9.787	1.215	15.7	14.4	13.6	40.0		B, M	.159	JG7708-4625-5	
330144	509	4.500	4.000	6.535	9.780	1.245	14.9	13.5	12.7	46.0	650	B, M	.034	JG7708-4500-5	GM1010-039**
330145	516	4.530	4.000	6.535	9.780	1.245	15.0	13.7	12.8	46.0	662	B, M	.064	JG7708-4530-5	GM1011-039**
330146	523	4.560	4.000	6.535	9.780	1.245	15.2	13.8	13.0	46.0	674	B	.094	JG7708-4560-5	GM1011-039**
330147	532	4.600	4.000	6.535	9.780	1.245	15.4	14.0	13.1	46.0	688	B	.134	JG7708-4600-5	GM1011-039**
330148	534	4.610	4.000	6.535	9.780	1.245	15.4	14.1	13.2	46.0	695	B	.144	JG7708-4610-5	

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

BBC OPEN CHAMBER LIGHTWEIGHT FSR GP Continued

OPEN CHAMBER DOME **Std Bore: 427/454 = 4.250, 502 BBC = 4.466** **Ring package designed for: .043, .043, 3.0mm Rings** **All Parts Now Feature 3D undercrown milling**

**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recom-mended	Pro Seal Head Gasket
							110cc	118cc	124cc						
							Compression Ratio								
330149	538	4.625	4.000	6.535	9.780	1.245	15.5	14.1	13.3	46.0	694	B, M	.159	JG7708-4625-5	
330150	541	4.500	4.250	6.385	9.780	1.270	14.8	13.5	12.7	46.0	663	B, M	.034	JG7708-4500-5	GM1010-039**
330151	548	4.530	4.250	6.385	9.780	1.270	15.0	13.7	12.8	46.0	676	B, M	.064	JG7708-4530-5	GM1011-039**
330152	555	4.560	4.250	6.385	9.780	1.270	15.2	13.8	13.0	46.0	680	B	.094	JG7708-4560-5	GM1011-039**
330153	565	4.600	4.250	6.385	9.780	1.270	15.4	14.0	13.1	46.0	700	B	.134	JG7708-4600-5	GM1011-039**
330154	568	4.610	4.250	3.858	9.780	1.270	15.4	14.1	13.2	46.0	700	B	.144	JG7708-4610-5	
330155	571	4.625	4.250	6.385	9.780	1.270	15.5	14.1	13.3	46.0	709	B, M	.159	JG7708-4625-5	
330150	541	4.500	4.250	6.800	10.195	1.270	14.8	13.5	12.7	46.0	663	B, M	.034	JG7708-4500-5	GM1010-039**
330151	548	4.530	4.250	6.800	10.195	1.270	15.0	13.7	12.8	46.0	676	B, M	.064	JG7708-4530-5	GM1011-039**
330152	555	4.560	4.250	6.800	10.195	1.270	15.2	13.8	13.0	46.0	680	B	.094	JG7708-4560-5	GM1011-039**
330153	565	4.600	4.250	6.800	10.195	1.270	15.4	14.0	13.1	46.0	700	B	.134	JG7708-4600-5	GM1011-039**
330154	568	4.610	4.250	6.800	10.195	1.270	15.4	14.1	13.2	46.0	700	B	.144	JG7708-4610-5	
330155	571	4.625	4.250	6.800	10.195	1.270	15.5	14.1	13.3	46.0	709	B, M	.159	JG7708-4625-5	
330156	557	4.500	4.375	6.535	9.780	1.060	16.8	15.2	14.2	49.0	607	B, M	.034	JG7708-4500-5	GM1010-039**
330157	564	4.530	4.375	6.535	9.780	1.060	17.0	15.4	14.4	49.0	633	B, M	.064	JG7708-4530-5	GM1011-039**
330158	572	4.560	4.375	6.535	9.780	1.060	17.2	15.5	14.5	49.0		B	.094	JG7708-4560-5	GM1011-039**
330159	582	4.600	4.375	6.535	9.780	1.060	17.4	15.8	14.7	49.0	644	B	.134	JG7708-4600-5	GM1011-039**
330160	584	4.610	4.375	6.535	9.780	1.060	17.5	15.8	14.8	49.0	647	B	.144	JG7708-4610-5	
330161	588	4.625	4.375	6.535	9.780	1.060	17.5	15.9	14.9	49.0	653	B, M	.159	JG7708-4625-5	
330156	588	4.500	4.625	6.800	10.173	1.060	17.7	16.0	15.0	49.0	607	B, M	.034	JG7708-4500-5	GM1010-039**
330157	596	4.530	4.625	6.800	10.173	1.060	17.9	16.2	15.1	49.0	633	B, M	.064	JG7708-4530-5	GM1011-039**
330158	604	4.560	4.625	6.800	10.173	1.060	18.1	16.4	15.3	49.0		B	.094	JG7708-4560-5	GM1011-039**
330159	615	4.600	4.625	6.800	10.173	1.060	18.3	16.6	15.5	49.0	644	B	.134	JG7708-4600-5	GM1011-039**
330160	618	4.610	4.625	6.800	10.173	1.060	18.4	16.7	15.6	49.0	647	B	.144	JG7708-4610-5	
330161	622	4.625	4.625	6.800	10.173	1.060	18.5	16.8	15.7	49.0	653	B, M	.159	JG7708-4625-5	
330162	541	4.500	4.250	6.535	9.780	1.120	16.3	14.8	13.8	49.0	627	B, M	.034	JG7708-4500-5	GM1010-039**
330163	548	4.530	4.250	6.535	9.780	1.120	16.5	15.0	14.0	49.0	632	B, M	.064	JG7708-4530-5	GM1011-039**
330164	555	4.560	4.250	6.535	9.780	1.120	16.7	15.1	14.1	49.0	642	B	.094	JG7708-4560-5	GM1011-039**
330165	565	4.600	4.250	6.535	9.780	1.120	16.9	15.3	14.4	49.0	657	B	.134	JG7708-4600-5	GM1011-039**
330166	568	4.610	4.250	6.535	9.780	1.120	17.0	15.4	14.4	49.0	663	B	.144	JG7708-4610-5	
330167	571	4.625	4.250	6.535	9.780	1.120	17.1	15.5	14.5	49.0	667	B, M	.159	JG7708-4625-5	
330162	557	4.500	4.375	6.480	9.787	1.120	16.8	15.2	14.2	49.0	627	B, M	.034	JG7708-4500-5	GM1010-039**
330163	564	4.530	4.375	6.480	9.787	1.120	17.0	15.4	14.4	49.0	632	B, M	.064	JG7708-4530-5	GM1011-039**
330164	572	4.560	4.375	6.480	9.787	1.120	17.2	15.5	14.5	49.0	642	B	.094	JG7708-4560-5	GM1011-039**
330165	582	4.600	4.375	6.480	9.787	1.120	17.4	15.8	14.7	49.0	657	B	.134	JG7708-4600-5	GM1011-039**
330166	584	4.610	4.375	6.480	9.787	1.120	17.5	15.8	14.8	49.0	663	B	.144	JG7708-4610-5	
330167	588	4.625	4.375	6.480	9.787	1.120	17.5	15.9	14.9	49.0	667	B, M	.159	JG7708-4625-5	
330162	573	4.500	4.500	6.800	10.170	1.120	17.2	15.6	14.6	49.0	627	B, M	.034	JG7708-4500-5	GM1010-039**
330163	580	4.530	4.500	6.800	10.170	1.120	17.4	15.8	14.8	49.0	632	B, M	.064	JG7708-4530-5	GM1011-039**
330164	588	4.560	4.500	6.800	10.170	1.120	17.6	16.0	14.9	49.0	642	B	.094	JG7708-4560-5	GM1011-039**
330165	598	4.600	4.500	6.800	10.170	1.120	17.9	16.2	15.1	49.0	657	B	.134	JG7708-4600-5	GM1011-039**
330166	601	4.610	4.500	6.800	10.170	1.120	17.9	16.2	15.2	49.0	663	B	.144	JG7708-4610-5	
330167	605	4.625	4.500	6.800	10.170	1.120	18.0	16.3	15.3	49.0	667	B, M	.159	JG7708-4625-5	
330162	604	4.500	4.750	6.700	10.195	1.120	18.1	16.4	15.4	49.0	627	B, M	.034	JG7708-4500-5	GM1010-039**
330163	612	4.530	4.750	6.700	10.195	1.120	18.3	16.6	15.5	49.0	632	B, M	.064	JG7708-4530-5	GM1011-039**
330164	621	4.560	4.750	6.700	10.195	1.120	18.5	16.8	15.7	49.0	642	B	.094	JG7708-4560-5	GM1011-039**
330165	632	4.600	4.750	6.700	10.195	1.120	18.8	17.0	15.9	49.0	657	B	.134	JG7708-4600-5	GM1011-039**
330166	634	4.610	4.750	6.700	10.195	1.120	18.9	17.1	16.0	49.0	663	B	.144	JG7708-4610-5	
330167	638	4.625	4.750	6.700	10.195	1.120	19.0	17.2	16.1	49.0	667	B, M	.159	JG7708-4625-5	
330168	557	4.500	4.375	6.385	9.780	1.215	16.8	15.2	14.2	49.0		B, M	.034	JG7708-4500-5	GM1010-039**
330169	564	4.530	4.375	6.385	9.780	1.215	17.0	15.4	14.4	49.0	665	B, M	.064	JG7708-4530-5	GM1011-039**
330170	572	4.560	4.375	6.385	9.780	1.215	17.2	15.5	14.5	49.0		B	.094	JG7708-4560-5	GM1011-039**
330171	582	4.600	4.375	6.385	9.780	1.215	17.4	15.8	14.7	49.0	682	B	.134	JG7708-4600-5	GM1011-039**

BBC OPEN CHAMBER LIGHTWEIGHT FSR GP Continued

OPEN CHAMBER DOME Std Bore: 427/454 = 4.250, 502 BBC = 4.466 Ring package designed for: .043, .043, 3.0mm Rings All Parts Now Feature 3D undercrown milling
**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 110cc	118cc	124cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
330172	584	4.610	4.375	6.385	9.780	1.215	17.5	15.8	14.8	49.0		B	.144	JG7708-4610-5	
330173	588	4.625	4.375	6.385	9.780	1.215	17.5	15.9	14.9	49.0	711	B, M	.159	JG7708-4625-5	
330174	541	4.500	4.250	6.385	9.780	1.270	16.3	14.8	13.8	49.0	677	B, M	.034	JG7708-4500-5	GM1010-039**
330175	548	4.530	4.250	6.385	9.780	1.270	16.5	15.0	14.0	49.0	679	B, M	.064	JG7708-4530-5	GM1011-039**
330176	555	4.560	4.250	6.385	9.780	1.270	16.7	15.1	14.1	49.0		B	.094	JG7708-4560-5	GM1011-039**
330177	565	4.600	4.250	6.385	9.780	1.270	16.9	15.3	14.4	49.0	703	B	.134	JG7708-4600-5	GM1011-039**
330178	568	4.610	4.250	6.385	9.780	1.270	17.0	15.4	14.4	49.0	704	B	.144	JG7708-4610-5	
330179	571	4.625	4.250	6.385	9.780	1.270	17.1	15.5	14.5	49.0	706	B, M	.159	JG7708-4625-5	
330174	541	4.500	4.250	6.800	10.195	1.270	16.3	14.8	13.8	49.0	677	B, M	.034	JG7708-4500-5	GM1010-039**
330175	548	4.530	4.250	6.800	10.195	1.270	16.5	15.0	14.0	49.0	679	B, M	.064	JG7708-4530-5	GM1011-039**
330176	555	4.560	4.250	6.800	10.195	1.270	16.7	15.1	14.1	49.0		B	.094	JG7708-4560-5	GM1011-039**
330177	565	4.600	4.250	6.800	10.195	1.270	16.9	15.3	14.4	49.0	703	B	.134	JG7708-4600-5	GM1011-039**
330178	568	4.610	4.250	6.800	10.195	1.270	17.0	15.4	14.4	49.0	704	B	.144	JG7708-4610-5	
330179	571	4.625	4.250	6.800	10.195	1.270	17.1	15.5	14.5	49.0	706	B, M	.159	JG7708-4625-5	

BBC BLOWN ALCOHOL DOME

454 BBC BLOWN ALCOHOL SERIES Std Bore: 4.250 Ring package designed for: .017 Dykes, 1/16, 3/16 Rings
**Use GM1012-039 Gasket for Mark V & VI Blocks*

297810	468	4.310	4.000	6.385	9.800	1.395	11.8	10.9	10.3	36.4	665	B, M	.060	J890F8-4310-5	GM1009-039**

502 BBC BLOWN ALCOHOL SERIES Std Bore: 4.500 Ring package designed for: .017 Dykes, 1/16, 3/16 Rings
**Use GM1012-039 Gasket for Mark V & VI Blocks*

296988	541	4.500	4.250	6.385	9.800	1.270	11.6	10.9	10.4	22.0	663	B	STD	J890F8-4500-5	GM1010-039**
296989	548	4.530	4.250	6.385	9.800	1.270	11.6	10.9	10.4	20.7	673	B	.030	J890F8-4530-5	GM1011-039**
297811	509	4.500	4.000	6.385	9.800	1.395	11.8	11.0	10.4	30.1	712	B	STD	J890F8-4500-5	GM1010-039**
297812	516	4.530	4.000	6.385	9.800	1.395	11.8	11.0	10.4	29.0	725	B	.030	J890F8-4530-5	GM1011-039**
297814	541	4.500	4.250	6.535	10.200	1.520	11.8	11.0	10.5	23.4	728		STD	J890F8-4500-5	GM1010-039**
297815	548	4.530	4.250	6.535	10.200	1.520	11.9	11.1	10.6	23.4	740	M	.030	J890F8-4530-5	GM1011-039**

BIG BLOCK FLAT TOP - STANDARD DECK BLOCK

BIG BLOCK CHEVY FLAT TOP SERIES Std Bore: 427/454 = 4.250, 502 BBC = 4.466 Ring package designed for: 1/16, 1/16, 3/16 Rings
**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 110cc	118cc	124cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
338236	541	4.500	4.250	6.535	9.780	1.120	10.0	9.4	9.0	-3.0	569	M, B	.034	J100F8-4500-5	GM1010-039**
338237	548	4.530	4.250	6.535	9.780	1.120	10.1	9.5	9.1	-3.0	579	M, B	.064	J100F8-4530-5	GM1011-039**
338238	555	4.560	4.250	6.535	9.780	1.120	10.2	9.6	9.2	-3.0	592	M, B	.094	J100S8-4560-5	GM1011-039**
281959	565	4.600	4.250	6.535	9.780	1.120	10.3	9.7	9.3	-3.0	585	B	.134	J100U8-4600-5	GM1011-039**
281960	568	4.610	4.250	6.535	9.780	1.120	10.3	9.8	9.4	-3.0	590	M, B	.144	J100H8-4610-5	
281961	571	4.625	4.250	6.535	9.780	1.120	10.4	9.8	9.4	-3.0	592	M, B	.159	J100F8-4625-5	
257960	467	4.310	4.000	6.535	9.780	1.245	8.8	8.3	8.0	-3.0	560	M, B	.060	J100F8-4310-5	GM1009-039**
257961	509	4.500	4.000	6.535	9.780	1.245	9.5	9.0	8.6	-3.0	614	B	.034	J100F8-4500-5	GM1010-039**
257962	522	4.560	4.000	6.535	9.780	1.245	9.7	9.2	8.8	-3.0	634	B	.094	J100S8-4560-5	
257963	532	4.600	4.000	6.535	9.780	1.245	9.8	9.2	8.9	-3.0	637	B	.134	J100L8-4600-5	GM1011-039**
257964	496	4.310	4.250	6.385	9.780	1.270	9.2	8.7	8.4	-3.0	558	B	.060	J100F8-4310-5	GM1009-039**
257965	540	4.500	4.250	6.385	9.780	1.270	10.0	9.4	9.1	-3.0	623	B	.034	J100F8-4500-5	GM1010-039**
257966	548	4.530	4.250	6.385	9.780	1.270	10.1	9.6	9.2	-3.0	627	B	.064	J100F8-4530-5	GM1011-039**
257967	555	4.560	4.250	6.385	9.780	1.270	10.2	9.7	9.3	-3.0	643	B	.094	J100S8-4560-5	GM1011-039**

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

BIG BLOCK FLAT TOP - STANDARD DECK BLOCK Continued

BIG BLOCK CHEVY FLAT TOP SERIES Std Bore: 427/454 = 4.250, 502 BBC = 4.466 Ring package designed for: 1/16, 1/16, 3/16 Rings

**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio 110cc	118cc	124cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
257968	565	4.600	4.250	6.385	9.780	1.270	10.3	9.7	9.3	-3.0	643	B	.134	J100S8-4600-5	GM1011-039**
282039	568	4.610	4.250	6.385	9.780	1.270	10.3	9.8	9.4	-3.0	648	B	.144	J100H8-4610-5	
282040	571	4.625	4.250	6.385	9.780	1.270	10.4	9.8	9.4	-3.0	652	B, M	.159	J100F8-4625-5	
257969	460	4.280	4.000	6.385	9.780	1.395	8.7	8.2	7.9	-3.0	577	M	.030	J100F8-4280-5	GM1009-039**
257970	467	4.310	4.000	6.385	9.780	1.395	8.8	8.3	8.0	-3.0	586	M	.060	J100F8-4310-5	GM1009-039**
257971	509	4.500	4.000	6.385	9.780	1.395	9.5	9.0	8.6	-3.0	640		.034	J100F8-4500-5	GM1010-039**
257972	516	4.530	4.000	6.385	9.780	1.395	9.6	9.1	8.7	-3.0	652		.064	J100F8-4530-5	GM1011-039**
257973	523	4.560	4.000	6.385	9.780	1.395	9.7	9.2	8.8	-3.0	664		.094	J100S8-4560-5	GM1011-039**
282042	532	4.600	4.000	6.385	9.780	1.395	9.7	9.2	8.9	-3.0	680		.134	J100S8-4600-5	GM1011-039**
282043	534	4.610	4.000	6.385	9.780	1.395	9.8	9.2	8.9	-3.0	680	M	.144	J100H8-4610-5	
282044	538	4.625	4.000	6.385	9.780	1.395	9.8	9.3	8.9	-3.0	688		.159	J100F8-4625-5	
257974	439	4.310	3.766	6.385	9.780	1.520	8.3	7.9	7.6	-3.0	613	M	.060	J100F8-4310-5	GM1009-039**
257975	479	4.500	3.766	6.385	9.780	1.520	9.0	8.5	8.2	-3.0	670		.034	J100F8-4500-5	GM1010-039**
257976	486	4.530	3.766	6.385	9.780	1.520	9.1	8.6	8.2	-3.0	681		.064	J100F8-4530-5	GM1011-039**
257977	489	4.280	4.250	6.135	9.780	1.520	9.1	8.6	8.3	-3.0	607		.030	J100F8-4280-5	GM1009-039**
257974	496	4.310	4.250	6.135	9.780	1.520	9.2	8.7	8.4	-3.0	613	M	.060	J100F8-4310-5	GM1009-039**
257975	540	4.500	4.250	6.135	9.780	1.520	10.0	9.4	9.1	-3.0	670		.034	J100F8-4500-5	GM1010-039**
257976	548	4.530	4.250	6.135	9.780	1.520	10.1	9.6	9.2	-3.0	681		.064	J100F8-4530-5	GM1011-039**
257978	555	4.560	4.250	6.135	9.780	1.520	10.2	9.7	9.3	-3.0	690	M	.094	J100S8-4560-5	GM1011-039**
257979	455	4.255	4.000	6.135	9.780	1.640	8.6	8.1	7.8	-3.0	620	M	.005	J100F8-4250-5	GM1009-039**
257980	460	4.280	4.000	6.135	9.780	1.640	8.7	8.2	7.9	-3.0	628		.030	J100F8-4280-5	GM1009-039**
257981	467	4.310	4.000	6.135	9.780	1.640	8.8	8.3	8.0	-3.0	638		.060	J100F8-4310-5	GM1009-039**
257983	501	4.466	4.000	6.135	9.780	1.645	9.3	8.8	8.4	-3.0	682	M	.000	J100S8-4470-5	GM1010-039**
257984	509	4.500	4.000	6.135	9.780	1.645	9.5	9.0	8.6	-3.0	696		.034	J100F8-4500-5	GM1010-039**
257985	515	4.530	4.000	6.135	9.780	1.645	9.6	9.1	8.7	-3.0	709		.064	J100F8-4530-5	GM1011-039**
257986	522	4.560	4.000	6.135	9.780	1.645	9.7	9.2	8.8	-3.0	717		.094	J100F8-4560-5	GM1011-039**
257987	433	4.280	3.766	6.135	9.780	1.765	8.2	7.8	7.5	-3.0	653	M	.030	J100F8-4280-5	GM1009-039**
257988	439	4.310	3.766	6.135	9.780	1.765	8.3	7.9	7.6	-3.0	665	M	.060	J100F8-4310-5	GM1009-039**
257989	441	4.320	3.766	6.135	9.780	1.765	8.3	7.9	7.6	-3.0	663	M	.070	J100F8-4320-5	GM1009-039**

BIG BLOCK FLAT TOP - TALL DECK BLOCK

BIG BLOCK CHEVY FLAT TOP SERIES Std Bore: 427/454 = 4.250, 502 BBC = 4.466 Ring package designed for: 1/16, 1/16, 3/16 Rings

**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

338236	604	4.500	4.750	6.700	10.195	1.120	11.1	10.4	10.0	-3.0	569	M, B, U	.034	J100F8-4500-5	GM1010-039**
338237	612	4.530	4.750	6.700	10.195	1.120	11.2	10.5	10.1	-3.0	579	M, B, U	.064	J100F8-4530-5	GM1011-039**
338238	621	4.560	4.750	6.700	10.195	1.120	11.3	10.6	10.2	-3.0	592	M, B, U	.094	J100S8-4560-5	GM1011-039**
281959	632	4.600	4.750	6.700	10.195	1.120	11.4	10.7	10.3	-3.0	585	B, U	.134	J100U8-4600-5	GM1011-039**
281960	634	4.610	4.750	6.700	10.195	1.120	11.4	10.8	10.4	-3.0	590	M, B, U	.144	J100H8-4610-5	
281961	638	4.625	4.750	6.700	10.195	1.120	11.5	10.8	10.4	-3.0	592	M, B, U	.159	J100F8-4625-5	
257960	525	4.310	4.500	6.700	10.195	1.245	9.7	9.2	8.8	-3.0	560	B	.060	J100F8-4310-5	GM1009-039**
257961	572	4.500	4.500	6.700	10.195	1.245	10.4	9.9	9.5	-3.0	614	B	.034	J100F8-4500-5	GM1010-039**
257962	588	4.560	4.500	6.700	10.195	1.245	10.7	10.1	9.7	-3.0	634	B, M	.094	J100S8-4560-5	GM1011-039**
257963	598	4.600	4.500	6.700	10.195	1.245	10.9	10.3	9.9	-3.0	637	B	.134	J100L8-4600-5	GM1011-039**
257969	518	4.280	4.500	6.535	10.180	1.395	9.6	9.1	8.7	-3.0	577	M	.030	J100F8-4280-5	GM1009-039**
257970	525	4.310	4.500	6.535	10.180	1.395	9.7	9.2	8.8	-3.0	586	M	.060	J100F8-4310-5	GM1009-039**
257971	572	4.500	4.500	6.535	10.180	1.395	10.4	9.9	9.5	-3.0	640		.034	J100F8-4500-5	GM1010-039**
257972	580	4.530	4.500	6.535	10.180	1.395	10.7	10.1	9.7	-3.0	652		.064	J100F8-4530-5	GM1011-039**
257973	587	4.560	4.500	6.535	10.180	1.395	10.8	10.2	9.8	-3.0	664		.094	J100S8-4560-5	GM1011-039**

714-898-9763

BIG BLOCK FLAT TOP - TALL DECK BLOCK Continued

BIG BLOCK CHEVY FLAT TOP SERIES Std Bore: 427/454 = 4.250, 502 BBC = 4.466 Ring package designed for: 1/16, 1/16, 3/16 Rings
**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio 110cc	118cc	124cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
282042	598	4.600	4.500	6.535	10.180	1.395	10.9	10.3	9.9	-3.0	680		.134	J100S8-4600-5	GM1011-039**
282043	601	4.610	4.500	6.535	10.180	1.395	10.9	10.3	9.9	-3.0	680	M	.144	J100H8-4610-5	
282044	605	4.625	4.500	6.535	10.180	1.395	11.0	10.4	9.9	-3.0	688		.159	J100F8-4625-5	
257977	489	4.280	4.250	6.535	10.180	1.520	9.1	8.6	8.3	-3.0	607		.030	J100F8-4280-5	GM1009-039**
257974	496	4.310	4.250	6.535	10.180	1.520	9.2	8.7	8.4	-3.0	613	M	.060	J100F8-4310-5	GM1009-039**
257975	541	4.500	4.250	6.535	10.180	1.520	9.9	9.4	9.0	-3.0	670		.034	J100F8-4500-5	GM1010-039**
257976	548	4.530	4.250	6.535	10.180	1.520	10.1	9.6	9.2	-3.0	681		.064	J100F8-4530-5	GM1011-039**
257978	555	4.560	4.250	6.535	10.180	1.520	10.2	9.7	9.3	-3.0	690	M	.094	J100S8-4560-5	

BIG BLOCK INVERTED DOME

BIG BLOCK CHEVY INVERTED DOME SERIES Std Bore: 427/454 = 4.250, 502 BBC = 4.466 Ring package designed for: 1/16, 1/16, 3/16 Rings
**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

257942	540	4.500	4.250	6.385	9.780	1.270	8.8	8.4	8.1	-20.0	569	B	.034	J100F8-4500-5	GM1010-039**
257943	548	4.530	4.250	6.385	9.780	1.270	8.9	8.5	8.2	-20.0	580	B	.064	J100F8-4530-5	GM1011-039**
257944	555	4.560	4.250	6.385	9.780	1.270	9.0	8.6	8.3	-20.0	593	B	.094	J100S8-4560-5	GM1011-039**
257945	565	4.600	4.250	6.385	9.780	1.270	9.2	8.7	8.4	-20.0	608	B	.134	J100L8-4600-5	GM1011-039**
282058	568	4.610	4.250	6.385	9.780	1.270	9.2	8.8	8.5	-20.0	616	B	.144	J100H8-4610-5	
282059	571	4.625	4.250	6.385	9.780	1.270	9.3	8.8	8.5	-20.0	620	M, B	.159	J100F8-4625-5	
257946	467	4.310	4.000	6.385	9.780	1.395	8.0	7.6	7.4	-14.5	582	B	.060	J100F8-4310-5	GM1009-039**
257947	509	4.500	4.000	6.385	9.780	1.395	8.0	7.6	7.4	-28.0	585	B	.034	J100F8-4500-5	GM1010-039**
257948	516	4.530	4.000	6.385	9.780	1.395	8.1	7.7	7.5	-28.0	600	B	.064	J100F8-4530-5	GM1011-039**
257949	523	4.560	4.000	6.385	9.780	1.395	8.2	7.8	7.5	-28.0	610	B	.094	J100S8-4560-5	GM1011-039**
257950	532	4.600	4.000	6.385	9.780	1.395	8.3	7.9	7.7	-28.0	625	B	.134	J100L8-4600-5	GM1011-039**
281922	534	4.610	4.000	6.385	9.780	1.395	8.3	7.9	7.7	-28.0	633	M, B	.144	J100H8-4610-5	
281923	537	4.625	4.000	6.385	9.780	1.395	8.4	8.0	7.7	-28.0	634	M, B	.159	J100F8-4625-5	
257951	540	4.500	4.250	6.135	9.780	1.520	8.8	8.4	8.1	-20.0	626		.034	J100F8-4500-5	GM1010-039**
257953	548	4.530	4.250	6.135	9.780	1.520	8.9	8.5	8.2	-20.0	632	M	.064	J100F8-4530-5	GM1011-039**
257954	555	4.560	4.250	6.135	9.780	1.520	9.0	8.6	8.3	-20.0	647		.094	J100S8-4560-5	GM1011-039**
257955	565	4.600	4.250	6.135	9.780	1.520	9.2	8.8	8.5	-20.0	662	M	.134	J100L8-4600-5	GM1011-039**
257956	509	4.500	4.000	6.135	9.780	1.645	8.8	8.4	8.1	-11.5	661		.034	J100F8-4500-5	GM1010-039**
257957	515	4.530	4.000	6.135	9.780	1.645	8.9	8.5	8.2	-11.5	674		.064	J100F8-4530-5	GM1011-039**

BIG BLOCK TALL DECK INV. DOME

BIG BLOCK CHEVY INVERTED DOME SERIES Std Bore: 427/454 = 4.250, 502 BBC = 4.466 Ring package designed for: 1/16, 1/16, 3/16 Rings
**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

257946	525	4.310	4.500	6.535	10.180	1.395	9.0	8.6	8.2	-14.5	582	B	.060	J100F8-4310-5	GM1009-039**
257947	572	4.500	4.500	6.535	10.180	1.395	8.9	8.5	8.2	-28.0	585	B	.034	J100F8-4500-5	GM1010-039**
257948	580	4.530	4.500	6.535	10.180	1.395	9.0	8.6	8.3	-28.0	600	B	.064	J100F8-4530-5	GM1011-039**
257949	587	4.560	4.500	6.535	10.180	1.395	9.1	8.7	8.4	-28.0	610	B	.094	J100S8-4560-5	GM1011-039**
257950	598	4.600	4.500	6.535	10.180	1.395	9.2	8.8	8.5	-28.0	625	B	.134	J100L8-4600-5	GM1011-039**
281922	601	4.610	4.500	6.535	10.180	1.395	9.2	8.8	8.5	-28.0	633	M, B	.144	J100H8-4610-5	
281923	605	4.625	4.500	6.535	10.180	1.395	9.3	8.9	8.6	-28.0	634	M, B	.159	J100F8-4625-5	
257951	540	4.500	4.250	6.535	10.180	1.520	8.8	8.4	8.1	-20.0	626		.034	J100F8-4500-5	GM1010-039**
257953	548	4.530	4.250	6.535	10.180	1.520	9.0	8.6	8.3	-20.0	632	M	.064	J100F8-4530-5	GM1011-039**
257954	555	4.560	4.250	6.535	10.180	1.520	9.1	8.7	8.4	-20.0	647		.094	J100S8-4560-5	GM1011-039**
257955	565	4.600	4.250	6.535	10.180	1.520	9.2	8.8	8.5	-20.0	662	M	.134	J100L8-4600-5	GM1011-039**

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

B/B OPEN CHAMBER DOME - STD DECK BLOCK (Highlighted part numbers are Nitrous Dome Series and include .180" wall pins)

OPEN CHAMBER DOME Std Bore: 427/454 = 4.250, 502 BBC = 4.466 Ring package designed for: 1/16, 1/16, 3/16 Rings

**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio 110cc	118cc	124cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
258210	489	4.280	4.250	6.535	9.780	1.120	14.3	13.0	12.2	44.0	540	M, B	.030	J10008-4280-5	GM1009-039**
258211	496	4.310	4.250	6.535	9.780	1.120	14.5	13.2	12.3	44.0	535	B	.060	J10008-4310-5	GM1009-039**
258212	498	4.320	4.250	6.535	9.780	1.120	14.5	13.2	12.3	44.0	540	B	.070	J10008-4320-5	GM1009-039**
258213	505	4.350	4.250	6.535	9.780	1.120	14.7	13.4	12.5	44.0	546	M, B	.100	J10008-4350-5	GM1010-039**
258215	511	4.375	4.250	6.535	9.780	1.120	14.8	13.5	12.6	44.0	556	B	.125	J10008-4375-5	GM1010-039**
258216	541	4.500	4.250	6.535	9.780	1.120	14.8	13.5	12.7	40.0	583	B	.034	J10008-4500-5	GM1010-039**
258218	548	4.530	4.250	6.535	9.780	1.120	14.9	13.7	12.9	40.0	595	B	.064	J10008-4530-5	GM1011-039**
258219	555	4.560	4.250	6.535	9.780	1.120	15.1	13.8	13.0	40.0	581	B	.094	J10008-4560-5	GM1011-039**
258220	565	4.600	4.250	6.535	9.780	1.120	15.3	14.0	13.2	40.0	599	B	.134	J100U8-4600-5	GM1011-039**
258222	571	4.625	4.250	6.535	9.780	1.120	15.3	14.0	13.2	40.0	605	B	.159	J10008-4625-5	
258228	460	4.280	4.000	6.535	9.780	1.245	13.8	12.6	11.8	46.0	575	M, B	.030	J10008-4280-5	GM1009-039**
258229	467	4.310	4.000	6.535	9.780	1.245	14.0	12.8	12.0	46.0	573	B	.060	J10008-4310-5	GM1009-039**
258230	469	4.320	4.000	6.535	9.780	1.245	14.1	12.8	12.0	46.0	576	B	.070	J10008-4320-5	GM1009-039**
258231	476	4.350	4.000	6.535	9.780	1.245	14.2	12.9	12.1	46.0	586	M, B	.100	J10008-4350-5	GM1010-039**
258232	481	4.375	4.000	6.535	9.780	1.245	14.4	13.1	12.2	46.0	593	B	.125	J10008-4375-5	GM1010-039**
258233	509	4.500	4.000	6.535	9.780	1.245	14.3	13.1	12.3	42.0	621	B	.034	J10008-4500-5	GM1010-039**
258234	516	4.530	4.000	6.535	9.780	1.245	14.5	13.2	12.4	42.0	629	B	.064	J10008-4530-5	GM1011-039**
258235	523	4.560	4.000	6.535	9.780	1.245	14.6	13.4	12.6	42.0	617	B	.094	J10008-4560-5	GM1011-039**
258236	532	4.600	4.000	6.535	9.780	1.245	14.8	13.6	12.8	42.0	634	B	.134	J100U8-4600-5	GM1011-039**
258237	537	4.625	4.000	6.535	9.780	1.245	14.8	13.6	12.8	42.0	643	B	.159	J10008-4625-5	
258238	541	4.500	4.250	6.385	9.780	1.270	15.7	14.3	13.4	45.0	642	B	.034	J10008-4500-5	GM1010-039**
258239	548	4.530	4.250	6.385	9.780	1.270	15.9	14.5	13.6	45.0	652	B	.064	J10008-4530-5	GM1011-039**
258240	555	4.560	4.250	6.385	9.780	1.270	16.0	14.6	13.7	45.0	664	B	.094	J10008-4560-5	GM1011-039**
258241	565	4.600	4.250	6.385	9.780	1.270	16.2	14.8	13.9	45.0	678	B	.134	J100U8-4600-5	GM1011-039**
258242	489	4.280	4.250	6.385	9.780	1.270	14.1	12.9	12.1	43.0	571	B	.030	J10008-4280-5	GM1009-039**
258243	496	4.310	4.250	6.385	9.780	1.270	14.3	13.0	12.2	43.0	569	B	.060	J10008-4310-5	GM1009-039**
258244	498	4.320	4.250	6.385	9.780	1.270	14.4	13.1	12.3	43.0	573	B	.070	J10008-4320-5	GM1009-039**
258245	505	4.350	4.250	6.385	9.780	1.270	14.5	13.2	12.4	43.0	585	B	.100	J10008-4350-5	GM1010-039**
258246	511	4.375	4.250	6.385	9.780	1.270	14.6	13.4	12.5	43.0	595	B	.125	J10008-4375-5	GM1010-039**
258247	541	4.500	4.250	6.385	9.780	1.270	14.3	13.1	12.4	37.0	618	B	.034	J10008-4500-5	GM1010-039**
258248	548	4.530	4.250	6.385	9.780	1.270	14.4	13.3	12.5	37.0	620	B	.064	J10008-4530-5	GM1011-039**
258249	555	4.560	4.250	6.385	9.780	1.270	14.6	13.4	12.7	37.0	610	B	.094	J10008-4560-5	GM1011-039**
258250	565	4.600	4.250	6.385	9.780	1.270	14.8	13.6	12.8	37.0	627	B	.134	J100U8-4600-5	GM1011-039**
258251	571	4.625	4.250	6.385	9.780	1.270	14.8	13.6	12.8	37.0	635	B	.159	J10008-4625-5	
258252	460	4.280	4.000	6.385	9.780	1.395	12.9	11.8	11.1	40.0	591		.030	J10008-4280-5	GM1009-039**
258253	467	4.310	4.000	6.385	9.780	1.395	13.0	11.9	11.2	40.0	583		.060	J10008-4310-5	GM1009-039**
258254	481	4.375	4.000	6.385	9.780	1.395	13.3	12.2	11.5	40.0	610	M	.125	J10008-4375-5	GM1010-039**
258255	509	4.500	4.000	6.385	9.780	1.395	13.0	12.0	11.3	34.0	631		.034	J10008-4500-5	GM1010-039**
258256	460	4.280	4.000	6.385	9.780	1.395	14.0	12.7	11.9	47.0	610	M	.030	J10008-4280-5	GM1009-039**
258257	467	4.310	4.000	6.385	9.780	1.395	14.2	12.9	12.1	47.0	603		.060	J10008-4310-5	GM1009-039**
258258	469	4.320	4.000	6.385	9.780	1.395	14.3	13.0	12.2	47.0	606		.070	J10008-4320-5	GM1009-039**
258259	476	4.350	4.000	6.385	9.780	1.395	14.4	13.1	12.2	47.0	619	M	.100	J10008-4350-5	GM1010-039**
258260	481	4.375	4.000	6.385	9.780	1.395	14.5	13.2	12.3	47.0	629		.125	J10008-4375-5	GM1010-039**
258261	509	4.500	4.000	6.385	9.780	1.395	14.3	13.1	12.3	42.0	653		.034	J10008-4500-5	GM1010-039**
258262	516	4.530	4.000	6.385	9.780	1.395	14.4	13.2	12.4	42.0	665		.064	J10008-4530-5	GM1011-039**
258263	523	4.560	4.000	6.385	9.780	1.395	14.6	13.3	12.5	42.0	650		.094	J10008-4560-5	GM1011-039**
258264	532	4.600	4.000	6.385	9.780	1.395	14.8	13.5	12.7	42.0	665		.134	J100U8-4600-5	GM1011-039**
258265	537	4.625	4.000	6.385	9.780	1.395	14.8	13.6	12.8	42.0	674	M	.159	J10008-4625-5	
258266	496	4.310	4.250	6.135	9.780	1.520	14.3	13.0	12.2	43.0	617		.060	J10008-4310-5	GM1009-039**
258267	498	4.320	4.250	6.135	9.780	1.520	14.4	13.1	12.3	43.0	621		.070	J10008-4320-5	GM1009-039**
258268	505	4.350	4.250	6.135	9.780	1.520	14.5	13.2	12.4	43.0	632	M	.100	J10008-4350-5	GM1010-039**
258269	511	4.375	4.250	6.135	9.780	1.520	14.6	13.3	12.5	43.0	638	M	.125	J10008-4375-5	GM1010-039**
258270	541	4.500	4.250	6.135	9.780	1.520	14.3	13.1	12.4	37.0	662		.034	J10008-4500-5	GM1010-039**

B/B OPEN CHAMBER DOME - STD DECK BLOCK Continued (Highlighted part numbers are Nitrous Dome Series and include .180" wall pins)

OPEN CHAMBER DOME Std Bore: 427/454 = 4.250, 502 BBC = 4.466 Ring package designed for: 1/16, 1/16, 3/16 Rings

**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 110cc / Compression Ratio	118cc / Compression Ratio	124cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
258271	548	4.530	4.250	6.135	9.780	1.520	14.4	13.3	12.5	37.0	670		.064	J10008-4530-5	GM1011-039**
258273	565	4.600	4.250	6.135	9.780	1.520	14.8	13.6	12.8	37.0	675	M	.134	J100U8-4600-5	GM1011-039**
258275	509	4.500	4.000	6.135	9.780	1.645	10.2	9.6	9.2	7.0	667		.034	J10008-4500-5	GM1010-039**
258276	460	4.280	4.000	6.135	9.780	1.645	13.3	12.2	11.4	43.0	645	M	.030	J10008-4280-5	GM1009-039**
258277	467	4.310	4.000	6.135	9.780	1.645	13.5	12.3	11.6	43.0	625	M	.060	J10008-4310-5	GM1009-039**
258278	469	4.320	4.000	6.135	9.780	1.645	13.6	12.4	11.6	43.0	643	M	.070	J10008-4320-5	GM1009-039**
258279	476	4.350	4.000	6.135	9.780	1.645	13.7	12.5	11.7	43.0	653	M	.100	J10008-4350-5	GM1010-039**
258280	481	4.375	4.000	6.135	9.780	1.645	13.8	12.6	11.8	43.0	663	M	.125	J10008-4375-5	GM1010-039**
258281	509	4.500	4.000	6.135	9.780	1.645	13.5	12.4	11.7	37.0	684	M	.034	J10008-4500-5	GM1010-039**
258282	460	4.280	4.000	6.135	9.780	1.645	14.0	12.7	11.9	47.0	654	M	.030	J10008-4280-5	GM1009-039**
258283	467	4.310	4.000	6.135	9.780	1.645	14.2	12.9	12.0	47.0	667	M	.060	J10008-4310-5	GM1009-039**
258284	469	4.320	4.000	6.135	9.780	1.645	14.2	12.9	12.1	47.0	652	M	.070	J10008-4320-5	GM1009-039**
258285	481	4.375	4.000	6.135	9.780	1.645	14.5	13.2	12.3	47.0	688	M	.125	J10008-4375-5	GM1010-039**
258286	509	4.500	4.000	6.135	9.780	1.645	14.3	13.1	12.3	42.0	699	M	.034	J10008-4500-5	GM1010-039**
258287	433	4.280	3.760	6.135	9.780	1.765	14.2	12.8	11.9	52.0	693	M	.030	J10008-4280-5	GM1009-039**
258288	439	4.310	3.760	6.135	9.780	1.765	14.3	12.9	12.1	52.0	690	M	.060	J10008-4310-5	GM1009-039**
258289	447	4.350	3.760	6.135	9.780	1.765	14.5	13.1	12.2	52.0	707	M	.100	J10008-4350-5	GM1010-039**

B/B OPEN CHAMBER DOME - TALL DECK BLOCK

OPEN CHAMBER DOME Std Bore: 427/454 = 4.250, 502 BBC = 4.466 Ring package designed for: 1/16, 1/16, 3/16 Rings

**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

258210	547	4.280	4.750	6.700	10.195	1.120	15.7	14.3	13.4	44.0	540	M, B	.030	J10008-4280-5	GM1009-039**
258211	554	4.310	4.750	6.700	10.195	1.120	15.9	14.5	13.6	44.0	535	B	.060	J10008-4310-5	GM1009-039**
258212	557	4.320	4.750	6.700	10.195	1.120	15.9	14.5	13.6	44.0	540	B	.070	J10008-4320-5	GM1009-039**
258213	565	4.350	4.750	6.700	10.195	1.120	16.2	14.8	13.8	44.0	546	M, B	.100	J10008-4350-5	GM1010-039**
258215	571	4.375	4.750	6.700	10.195	1.120	16.3	14.9	14.0	44.0	556	B	.125	J10008-4375-5	GM1010-039**
258216	604	4.500	4.750	6.700	10.195	1.120	16.4	15.0	14.1	40.0	583	B	.034	J10008-4500-5	GM1010-039**
258218	612	4.530	4.750	6.700	10.195	1.120	16.6	15.2	14.3	40.0	595	B	.064	J10008-4530-5	GM1011-039**
258219	621	4.560	4.750	6.700	10.195	1.120	16.8	15.4	14.4	40.0	581	B	.094	J10008-4560-5	GM1011-039**
258220	632	4.600	4.750	6.700	10.195	1.120	17.1	15.6	14.7	40.0	599	B	.134	J100U8-4600-5	GM1011-039**
258222	638	4.625	4.750	6.700	10.195	1.120	17.2	15.8	14.8	40.0	605	B	.159	J10008-4625-5	
258229	525	4.310	4.500	6.700	10.195	1.245	15.5	14.1	13.2	46.0	573	B	.060	J10008-4310-5	GM1009-039**
258230	528	4.320	4.500	6.700	10.195	1.245	15.5	14.1	13.2	46.0	576	B	.070	J10008-4320-5	GM1009-039**
258231	535	4.350	4.500	6.700	10.195	1.245	15.7	14.3	13.4	46.0	586	M, B	.100	J10008-4350-5	GM1010-039**
258232	541	4.375	4.500	6.700	10.195	1.245	15.9	14.5	13.6	46.0	593	B	.125	J10008-4375-5	GM1010-039**
258233	572	4.500	4.500	6.700	10.195	1.245	15.8	14.5	13.6	42.0	621	B	.034	J10008-4500-5	GM1010-039**
258234	580	4.530	4.500	6.700	10.195	1.245	16.0	14.6	13.7	42.0	629	B	.064	J10008-4530-5	GM1011-039**
258235	588	4.560	4.500	6.700	10.195	1.245	16.1	14.8	13.9	42.0	617	B	.094	J10008-4560-5	GM1011-039**
258236	598	4.600	4.500	6.700	10.195	1.245	16.5	15.1	14.2	42.0	634	B	.134	J100U8-4600-5	GM1011-039**
258237	605	4.625	4.500	6.700	10.195	1.245	16.6	15.2	14.3	42.0	643	B	.159	J10008-4625-5	
258252	518	4.280	4.500	6.535	10.180	1.395	14.2	13.0	12.3	40.0	591		.030	J10008-4280-5	GM1009-039**
258253	525	4.310	4.500	6.535	10.180	1.395	14.4	13.2	12.4	40.0	583		.060	J10008-4310-5	GM1009-039**
258254	541	4.375	4.500	6.535	10.180	1.395	14.8	13.5	12.7	40.0	610	M	.125	J10008-4375-5	GM1010-039**
258255	572	4.500	4.500	6.535	10.180	1.395	14.6	13.5	12.7	34.0	631		.034	J10008-4500-5	GM1010-039**
258256	518	4.280	4.500	6.535	10.180	1.395	15.5	14.1	13.2	47.0	610	M	.030	J10008-4280-5	GM1009-039**
258257	525	4.310	4.500	6.535	10.180	1.395	15.6	14.2	13.3	47.0	603		.060	J10008-4310-5	GM1009-039**
258258	528	4.320	4.500	6.535	10.180	1.395	15.6	14.2	13.3	47.0	606		.070	J10008-4320-5	GM1009-039**
258259	535	4.350	4.500	6.535	10.180	1.395	16.0	14.5	13.6	47.0	619	M	.100	J10008-4350-5	GM1010-039**
258260	541	4.375	4.500	6.535	10.180	1.395	16.1	14.6	13.7	47.0	629		.125	J10008-4375-5	GM1010-039**
258261	572	4.500	4.500	6.535	10.180	1.395	15.8	14.5	13.6	42.0	653		.034	J10008-4500-5	GM1010-039**
258262	580	4.530	4.500	6.535	10.180	1.395	16.0	14.6	13.7	42.0	665		.064	J10008-4530-5	GM1011-039**

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

B/B OPEN CHAMBER DOME - TALL DECK BLOCK Continued

OPEN CHAMBER DOME Std Bore: 427/454 = 4.250, 502 BBC = 4.466 Ring package designed for: 1/16, 1/16, 3/16 Rings
**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 110cc	118cc	124cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
258263	587	4.560	4.500	6.535	10.180	1.395	16.3	14.9	14.0	42.0	650		.094	J10008-4560-5	GM1011-039**
258264	598	4.600	4.500	6.535	10.180	1.395	16.5	15.1	14.2	42.0	665		.134	J100U8-4600-5	GM1011-039**
258265	605	4.625	4.500	6.535	10.180	1.395	16.6	15.2	14.3	42.0	674	M	.159	J10008-4625-5	
258266	496	4.310	4.250	6.535	10.180	1.520	14.3	13.0	12.2	43.0	617		.060	J10008-4310-5	GM1009-039**
258267	498	4.320	4.250	6.535	10.180	1.520	14.4	13.1	12.3	43.0	621		.070	J10008-4320-5	GM1009-039**
258268	505	4.350	4.250	6.535	10.180	1.520	14.5	13.2	12.4	43.0	632	M	.100	J10008-4350-5	GM1010-039**
258269	511	4.375	4.250	6.535	10.180	1.520	14.6	13.3	12.5	43.0	638	M	.125	J10008-4375-5	GM1010-039**
258270	541	4.500	4.250	6.535	10.180	1.520	14.3	13.1	12.4	37.0	662		.034	J10008-4500-5	GM1010-039**
258271	548	4.530	4.250	6.535	10.180	1.520	14.4	13.3	12.5	37.0	670		.064	J10008-4530-5	GM1011-039**
258273	565	4.600	4.250	6.535	10.180	1.520	14.8	13.6	12.8	37.0	675	M	.134	J100U8-4600-5	GM1011-039**

B/B NITROUS SERIES DOME

502 SERIES Std Bore: 4.466 Ring package designed for: 1/16, 1/16, 3/16 Rings
**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

258238	540	4.500	4.250	6.385	9.780	1.270	15.5	14.2	13.3	45.0	642	B	.034	J10008-4500-5	GM1010-039**
258239	548	4.530	4.250	6.385	9.780	1.270	15.7	14.3	13.4	45.0	652	B	.064	J10008-4530-5	GM1011-039**
258240	555	4.560	4.250	6.385	9.780	1.270	15.9	14.5	13.6	45.0	664	B	.094	J10008-4560-5	GM1011-039**
258197	560	4.580	4.250	6.385	9.780	1.270	16.1	14.6	13.7	45.0	677	B	.114	J100F8-4580-5	GM1011-039**
258241	565	4.600	4.250	6.385	9.780	1.270	16.2	14.7	13.8	45.0	678	B	.134	J100U8-4600-5	GM1011-039**
258198	568	4.610	4.250	6.385	9.780	1.270	16.2	14.8	13.8	45.0	687	B	.144	J100H8-4610-5	
281920	571	4.625	4.250	6.385	9.780	1.270	16.3	14.8	13.9	45.0	690	B, M	.159	J100F8-4625-5	

NITROUS SERIES GP (GAS PORTED)

502 SERIES Std Bore: 4.466 Ring package designed for: .043 Back-cut, 1/16, 3/16 Rings
**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

293083	565	4.600	4.250	6.535	9.780	1.120	13.6	12.6	11.9	29.9	624	B	.134	JG86L8-4600-5	GM1011-039**
293084	568	4.610	4.250	6.535	9.780	1.120	13.6	12.6	11.9	29.5	625	B	.144	JG86L8-4610-5	GM1011-039**
293085	571	4.625	4.250	6.535	9.780	1.120	13.6	12.6	11.9	28.9	628	B	.159	JG86F8-4625-5	
258199	565	4.600	4.250	6.385	9.780	1.270	16.0	14.6	13.7	44.0	703	B	.134	JG86L8-4600-5	GM1011-039**
258200	560	4.580	4.250	6.385	9.800	1.290	15.9	14.5	13.6	44.0	700	B, M	.114	JG86F8-4580-5	GM1011-039**
258201	565	4.600	4.250	6.385	9.800	1.290	16.0	14.6	13.7	44.0	710	B	.134	JG86L8-4600-5	GM1011-039**
258202	568	4.610	4.250	6.385	9.800	1.290	16.1	14.7	13.8	44.0	715	B	.144	JG86L8-4610-5	GM1011-039**
258200	577	4.580	4.375	6.700	10.177	1.290	16.2	14.8	13.9	44.0	700	B, M	.114	JG86F8-4580-5	GM1011-039**
258201	582	4.600	4.375	6.700	10.177	1.290	16.3	14.9	14.0	44.0	710	B	.134	JG86L8-4600-5	GM1011-039**
258202	584	4.610	4.375	6.700	10.177	1.290	16.4	15.0	14.0	44.0	715	B	.144	JG86L8-4610-5	

NITROUS SERIES GP (GAS PORTED)

502 SERIES Std Bore: 4.466 Ring package designed for: .043 Back-cut, 1/16, 3/16 Rings Designed for Head Hunter Series Cylinder head with 2.400" Intake Valves
**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 110cc	118cc	124cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
312685	565	4.600	4.250	6.535	9.780	1.120	13.6	12.6	11.9	29.9	618	B, M	.134	JG86L8-4600-5	GM1011-039**
312686	568	4.610	4.250	6.535	9.780	1.120	13.6	12.6	11.9	29.5	624	B, M	.144	JG86L8-4610-5	GM1011-039**
312687	571	4.625	4.250	6.535	9.780	1.120	13.6	12.6	11.9	28.9	630	B, M	.159	JG86F8-4625-5	
312688	565	4.600	4.250	6.385	9.780	1.270	16.0	14.6	13.7	44.0	704	B, M	.134	JG86L8-4600-5	GM1011-039**
312689	560	4.580	4.250	6.385	9.800	1.290	15.9	14.5	13.6	44.0	699	B, M	.114	JG86F8-4580-5	GM1011-039**
312690	565	4.600	4.250	6.385	9.800	1.290	16.0	14.6	13.7	44.0	710	B, M	.134	JG86L8-4600-5	GM1011-039**
312691	568	4.610	4.250	6.385	9.800	1.290	16.1	14.7	13.8	44.0	720	B, M	.144	JG86L8-4610-5	GM1011-039**
312692	571	4.625	4.250	6.385	9.800	1.290	16.1	14.7	13.8	44.0	730	B, M	.159	JG86F8-4625-5	
312689	577	4.580	4.375	6.700	10.177	1.290	16.2	14.8	13.9	44.0	699	B, M	.114	JG86F8-4580-5	GM1011-039**
312690	582	4.600	4.375	6.700	10.177	1.290	16.3	14.9	14.0	44.0	710	B, M	.134	JG86L8-4600-5	GM1011-039**
312691	584	4.610	4.375	6.700	10.177	1.290	16.4	15.0	14.0	44.0	720	B, M	.144	JG86L8-4610-5	GM1011-039**
312692	588	4.625	4.375	6.700	10.177	1.290	16.4	15.0	14.0	44.0	730	B, M	.159	JG86F8-4625-5	
632 SERIES Std Bore: 4.466 Ring package designed for: .043 Back-cut, 1/16, 3/16 Rings															
**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*															
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*															
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*															
293083	632	4.600	4.750	6.700	10.195	1.120	15.1	14.0	13.2	29.9	624	B	.134	JG86L8-4600-5	GM1011-039**
293084	634	4.610	4.750	6.700	10.195	1.120	15.1	14.0	13.2	29.5	625	B	.144	JG86L8-4610-5	
293085	638	4.625	4.750	6.700	10.195	1.120	15.1	14.0	13.2	28.9	628	B	.159	JG86F8-4625-5	
632 SERIES Std Bore: 4.466 Ring package designed for: .043 Back-cut, 1/16, 3/16 Rings Designed for Head Hunter Series Cylinder head with 2.400" Intake Valves															
**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*															
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*															
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*															
312685	632	4.600	4.750	6.700	10.195	1.120	15.1	14.0	13.2	29.9	618	B, M	.134	JG86L8-4600-5	GM1011-039**
312686	634	4.610	4.750	6.700	10.195	1.120	15.1	14.0	13.2	29.5	624	B, M	.144	JG86L8-4610-5	GM1011-039**
312687	638	4.625	4.750	6.700	10.195	1.120	15.1	14.0	13.2	28.9	630	B, M	.159	JG86F8-4625-5	

OPEN CHAMBER DOME GP (GAS PORTED)

OPEN CHAMBER Std Bore: 4.466 Ring package designed for: .043, .043 , 3.0mm Rings
**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

243326	571	4.560	4.375	6.535	9.780	1.060	15.9	14.5	13.2	43.0	551	B	.094	JG7708-4560-5	GM1011-039**
243327	581	4.600	4.375	6.535	9.780	1.060	16.0	14.7	13.9	43.0	565	B	.134	JG7708-4600-5	GM1011-039**
243328	584	4.610	4.375	6.535	9.780	1.060	16.2	14.8	13.9	43.0	569	B	.144	JG7708-4610-5	GM1011-039**
243329	588	4.625	4.375	6.535	9.780	1.060	16.3	14.9	14.0	43.0	572	B, M	.159	JG7708-4625-5	
243326	604	4.560	4.625	6.800	10.173	1.060	16.8	15.3	14.4	43.0	551	B	.094	JG7708-4560-5	GM1011-039**
243327	615	4.600	4.625	6.800	10.173	1.060	17.0	15.5	14.6	43.0	565	B	.134	JG7708-4600-5	GM1011-039**
243328	618	4.610	4.625	6.800	10.173	1.060	17.1	15.6	14.6	43.0	569	B	.144	JG7708-4610-5	
243329	622	4.625	4.625	6.800	10.173	1.060	17.2	15.7	14.8	43.0	572	B, M	.159	JG7708-4625-5	
243330	555	4.560	4.250	6.535	9.780	1.120	16.0	14.6	13.7	46.0	568	B	.094	JG7708-4560-5	GM1011-039**
243331	565	4.600	4.250	6.535	9.780	1.120	16.3	14.8	13.9	46.0	592	B	.134	JG7708-4600-5	GM1011-039**
243332	567	4.610	4.250	6.535	9.780	1.120	16.3	14.9	14.0	46.0	596	B	.144	JG7708-4610-5	
243333	571	4.625	4.250	6.535	9.780	1.120	16.4	14.9	14.0	46.0	602	B, M	.159	JG7708-4625-5	
243330	621	4.560	4.750	6.700	10.195	1.120	17.8	16.2	15.2	46.0	568	B	.094	JG7708-4560-5	GM1011-039**
243331	632	4.600	4.750	6.700	10.195	1.120	18.1	16.5	15.4	46.0	592	B	.134	JG7708-4600-5	GM1011-039**
243332	634	4.610	4.750	6.700	10.195	1.120	18.2	16.5	15.5	46.0	596	B	.144	JG7708-4610-5	
243333	638	4.625	4.750	6.700	10.195	1.120	18.3	16.7	15.6	46.0	602	B, M	.159	JG7708-4625-5	

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

BIG BLOCK 427 APBA DOME

BBC 427 APBA DART HEAD Std Bore: 4.250 Ring package designed for:1/16, 1/16, 3/16 Rings
USE 302556 FOR ALL OTHER BORE SIZES FROM 4.250-4.310 (MADE TO ORDER)
**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 110cc	118cc	124cc	Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
262808	427	4.250	3.766	6.135	9.780	1.765	13.2	12.2	11.4		50.0	700	M	STD	J100F8-4250-5	GM1009-039**
262809	433	4.280	3.766	6.135	9.780	1.765	13.3	12.4	11.6		50.0	693	M	.030	J100F8-4280-5	GM1009-039**
265366	440	4.310	3.766	6.135	9.780	1.765	13.5	12.5	11.7		50.0	713		.060	J100F8-4310-5	GM1009-039**
302556		**	3.766	6.135	9.780	1.765					50.0					GM1009-039**

GM HEAD Std Bore: 4.250 Ring package designed for:1/16, 1/16, 3/16 Rings
**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*
**Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039*
**Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 110cc	118cc	124cc	Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
267207	433	4.280	3.766	6.135	9.780	1.765	13.3	12.4	11.6		50.0	690	M	.030	J100F8-4280-5	GM1009-039**
267208	440	4.310	3.766	6.135	9.780	1.765	13.5	12.5	11.7		50.0	706	M	.060	J100F8-4310-5	GM1009-039**

396, 427, 454 CLOSED CHAMBER

396 CLOSED CHAMBER DOME SERIES Std Bore: 396 = 4.094, 402 = 4.125 Ring package designed for:1/16, 1/16, 3/16 Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 101cc	107cc	109cc	Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
258206	402	4.125	3.760	6.135	9.780	1.765	13.1	12.1	11.8		44.0	634		.031	J100F8-4125-5	
258207	409	4.155	3.760	6.135	9.780	1.765	13.5	12.4	12.1		44.0	649	M	.061	J100F8-4155-5	

427 CLOSED CHAMBER DOME SERIES Std Bore: 4.250 Ring package designed for:1/16, 1/16, 3/16 Rings
**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 101cc	107cc	109cc	Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
258208	433	4.280	3.760	6.135	9.780	1.765	13.3	12.3	12.0		39.0	686	M	.030	J100F8-4280-5	GM1009-039
258209	439	4.310	3.760	6.135	9.780	1.765	13.4	12.5	12.2		39.0	708		.060	J100F8-4310-5	GM1009-039

454 CLOSED CHAMBER DOME SERIES Std Bore: 4.250 Ring package designed for:1/16, 1/16, 3/16 Rings
**Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 101cc	107cc	109cc	Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
258204	460	4.280	4.000	6.135	9.780	1.645	13.1	12.2	11.9		33.0	645		.030	J100F8-4280-5	GM1009-039
258205	466	4.310	4.000	6.135	9.780	1.645	13.2	12.4	12.1		33.0	658		.060	J100F8-4310-5	GM1009-039

BBC 24° SERIES

Engineered, forged and machined in-house in the USA using 2618-T6 aluminum, these BBC pistons are ready for the drag strip, packing custom-level features into an off-the-shelf, competitively priced package.

Features:
45cc dome (compression ratios based off 118cc head)
.325 deep intake pocket (2.400 valve)
+.100 exhaust pocket
DPO

Includes:
Contact reduction groove
Power adder accumulator groove
Ultra-groove with vertical gas ports
Spark plug fire slot
3d under crown mill

24° - DESIGNED FOR DART® PRO 2 AND BRODIX® HEAD HUNTER Std Bore: 4.500 Ring package designed for: .043, .043, 3.0mm Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters	118cc		Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
383167	582	4.600	4.375	6.535	9.783	1.060		15.1			45.0	615	B	.100	JG7708-4600-5	
383168	583	4.605	4.375	6.535	9.783	1.060		15.1			45.0	616	B	.105	JG7708-4600-5	
383169	584	4.610	4.375	6.535	9.783	1.060		15.1			45.0	618	B	.110	JG7708-4610-5	
383170	585	4.615	4.375	6.535	9.783	1.060		15.2			45.0	620	B	.115	JG7708-4610-5	
383171	588	4.625	4.375	6.535	9.783	1.060		15.2			45.0	625	B	.125	JG7708-4625-5	
383150	565	4.600	4.250	6.535	9.780	1.120		14.7			45.0		B	.100	JG7708-4600-5	
383151	566	4.605	4.250	6.535	9.780	1.120		14.7			45.0		B	.105	JG7708-4600-5	
383152	568	4.610	4.250	6.535	9.780	1.120		14.8			45.0		B	.110	JG7708-4610-5	
383153	569	4.615	4.250	6.535	9.780	1.120		14.8			45.0		B	.115	JG7708-4610-5	
383154	571	4.625	4.250	6.535	9.780	1.120		14.8			45.0		B	.125	JG7708-4625-5	
383155	598	4.600	4.500	6.385	9.790	1.155		15.5			45.0	648	B	.100	JG7708-4600-5	

24° - DESIGNED FOR DART® PRO 2 AND BRODIX® HEAD HUNTER Continued							Std Bore: 4.500			Ring package designed for: .043, .043, 3.0mm Rings					
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters	118cc		Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
383156	600	4.605	4.500	6.385	9.790	1.155		15.5		45.0	650	B	.105	JG7708-4600-5	
383157	601	4.610	4.500	6.385	9.790	1.155		15.5		45.0	652	B	.110	JG7708-4610-5	
383158	602	4.615	4.500	6.385	9.790	1.155		15.6		45.0	655	B	.115	JG7708-4610-5	
383159	605	4.625	4.500	6.385	9.790	1.155		15.6		45.0	660	B	.125	JG7708-4625-5	
383162	565	4.600	4.250	6.385	9.780	1.270		14.7		45.0	671	B	.100	JG7708-4600-5	
383163	566	4.605	4.250	6.385	9.780	1.270		14.7		45.0	672	B	.105	JG7708-4600-5	
383164	568	4.610	4.250	6.385	9.780	1.270		14.8		45.0	673	B	.110	JG7708-4610-5	
383165	569	4.615	4.250	6.385	9.780	1.270		14.8		45.0	675	B	.115	JG7708-4610-5	
383166	571	4.625	4.250	6.385	9.780	1.270		14.8		45.0	681	B	.125	JG7708-4625-5	

BBC 20° SERIES

Engineered, forged and machined in-house in the USA using 2618-T6 aluminum, these BBC pistons are ready for the drag strip, packing custom-level features into an off-the-shelf, competitively priced package.

Features:
Hollow Dome FSR Forging
Ultra-groove with Vertical Gas Ports
Contact Reduction Grooves
Accumulator Grove

3D Undercrown Milling
Radius Dome with Fire Slot for Improved Flame Travel and Combustion
Broach Pin Oilers with Accumulator Groove
18cc Nitrous Dome and 23cc NA Dom

Includes:
Wire Locks

20° - DESIGNED FOR DART® 20° PRO 1 (97CC CHAMBER) AND BRODIX® SR20 20° (95CC CHAMBER)							Std Bore: 4.500			Ring package designed for: .043, .043, 3.0mm Rings					
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters	95cc		Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
377854	582	4.600	4.375	6.535	9.783	1.060		14.5		18.0	572	B	.100	CSH40105	
377855	583	4.605	4.375	6.535	9.783	1.060		14.5		18.0	573	B	.105	CSH40105	
377856	584	4.610	4.375	6.535	9.783	1.060		14.5		18.0	574	B	.110	CSH401015	
377857	585	4.615	4.375	6.535	9.783	1.060		14.5		18.0	575	B	.115	CSH401015	
377858	588	4.625	4.375	6.535	9.783	1.060		14.5		18.0	576	B	.125	CSH401030	
377886	565	4.600	4.250	6.535	9.780	1.120		14.0		18.0	599	B	.100	CSH40105	
377889	566	4.605	4.250	6.535	9.780	1.120		14.0		18.0	600	B	.105	CSH40105	
377890	568	4.610	4.250	6.535	9.780	1.120		14.0		18.0	601	B	.110	CSH401015	
377887	569	4.615	4.250	6.535	9.780	1.120		14.0		18.0	602	B	.115	CSH401015	
377888	571	4.625	4.250	6.535	9.780	1.120		14.0		18.0	603	B	.125	CSH401030	
377891	598	4.600	4.500	6.385	9.790	1.155		14.8		18.0	614	B	.100	CSH40105	
377892	600	4.605	4.500	6.385	9.790	1.155		14.8		18.0	615	B	.105	CSH40105	
377893	601	4.610	4.500	6.385	9.790	1.155		14.8		18.0	616	B	.110	CSH401015	
377894	602	4.615	4.500	6.385	9.790	1.155		14.8		18.0	617	B	.115	CSH401015	
377895	605	4.625	4.500	6.385	9.790	1.155		14.8		18.0	618	B	.125	CSH401030	
377896	565	4.600	4.250	6.385	9.780	1.270		14.0		18.0	653	B	.100	CSH40105	
377897	566	4.605	4.250	6.385	9.780	1.270		14.0		18.0	654	B	.105	CSH40105	
377898	568	4.610	4.250	6.385	9.780	1.270		14.0		18.0	655	B	.110	CSH401015	
377899	569	4.615	4.250	6.385	9.780	1.270		14.0		18.0	656	B	.115	CSH401015	
377900	571	4.625	4.250	6.385	9.780	1.270		14.0		18.0	657	B	.125	CSH401030	
377901	582	4.600	4.375	6.535	9.783	1.060		15.3		23.0	578	B	.100	JG7708-4600-5	
377902	583	4.605	4.375	6.535	9.783	1.060		15.3		23.0	579	B	.105	JG7708-4600-5	
377903	584	4.610	4.375	6.535	9.783	1.060		15.3		23.0	580	B	.110	JG7708-4610-5	
377904	585	4.615	4.375	6.535	9.783	1.060		15.3		23.0	581	B	.115	JG7708-4610-5	
377905	588	4.625	4.375	6.535	9.783	1.060		15.3		23.0	582	B	.125	JG7708-4625-5	
377907	565	4.600	4.250	6.535	9.780	1.120		14.8		23.0	605	B	.100	JG7708-4600-5	
377908	566	4.605	4.250	6.535	9.780	1.120		14.8		23.0	606	B	.105	JG7708-4600-5	
377909	568	4.610	4.250	6.535	9.780	1.120		14.8		23.0	607	B	.110	JG7708-4610-5	
377910	569	4.615	4.250	6.535	9.780	1.120		14.8		23.0	608	B	.115	JG7708-4610-5	
377911	571	4.625	4.250	6.535	9.780	1.120		14.8		23.0	609	B	.125	JG7708-4625-5	
377912	598	4.600	4.500	6.385	9.790	1.155		15.6		23.0	619	B	.100	JG7708-4600-5	
377913	600	4.605	4.500	6.385	9.790	1.155		15.6		23.0	620	B	.105	JG7708-4600-5	
377914	601	4.610	4.500	6.385	9.790	1.155		15.6		23.0	621	B	.110	JG7708-4610-5	

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

BBC 20° SERIES Continued

20° - DESIGNED FOR DART® 20° PRO 1 (97CC CHAMBER) AND BRODIX® SR20 20° (95CC CHAMBER) Std Bore: 4.500 Ring package designed for: .043, .043, 3.0mm Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
								95cc							
377915	602	4.615	4.500	6.385	9.790	1.155		15.6		23.0	622	B	.115	JG7708-4610-5	
377916	605	4.625	4.500	6.385	9.790	1.155		15.6		23.0	623	B	.125	JG7708-4625-5	
377917	565	4.600	4.250	6.385	9.780	1.270		14.8		23.0	658	B	.100	JG7708-4600-5	
377918	566	4.605	4.250	6.385	9.780	1.270		14.8		23.0	659	B	.105	JG7708-4600-5	
377919	568	4.610	4.250	6.385	9.780	1.270		14.8		23.0	660	B	.110	JG7708-4610-5	
377920	569	4.615	4.250	6.385	9.780	1.270		14.8		23.0	661	B	.115	JG7708-4610-5	
377921	571	4.625	4.250	6.385	9.780	1.270		14.8		23.0	662	B	.125	JG7708-4625-5	

BIG DUKE / BIG CHIEF GP 18°

18° BIG CHIEF / BIG DUKE Std Bore: 4.250 (427/454), 4.466 (502) Ring package designed for: .043 D-WALL, 1/16, 3/16 Rings
**Use GM1014-039 Gasket for Mark V & VI Blocks*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							82cc	87cc	97cc						
170668	555	4.560	4.250	6.535	9.780	1.120	15.1	14.3	12.9	13.0	584	B, M	.094	J20008-4560-5	GM1011-039**
170669	565	4.600	4.250	6.535	9.780	1.120	15.3	14.5	13.1	13.0	603	B	.134	J200U8-4600-5	GM1011-039**
218585	565	4.600	4.250	6.535	9.780	1.120	16.7	15.7	14.1	20.0	605	B, M	.134	J200U8-4600-5	GM1011-039**
170668	621	4.560	4.750	6.700	10.195	1.120	16.8	15.9	14.3	13.0	584	B, M	.094	J20008-4560-5	GM1011-039**
170669	632	4.600	4.750	6.700	10.195	1.120	17.0	16.1	14.5	13.0	603	B	.134	J200U8-4600-5	GM1011-039**
218585	632	4.600	4.750	6.700	10.195	1.120	18.6	17.5	15.6	20.0	605	B, M	.134	J200U8-4600-5	GM1011-039**
170671	548	4.530	4.250	6.385	9.780	1.270	15.1	14.2	12.9	13.0	615	B, M	.064	J20008-4530-5	GM1011-039**
170672	555	4.560	4.250	6.385	9.780	1.270	15.1	14.3	12.9	13.0	625	B, M	.094	J20008-4560-5	GM1011-039**
170673	565	4.600	4.250	6.385	9.780	1.270	15.3	14.5	13.1	13.0	641	B, M	.134	J200U8-4600-5	GM1011-039**
18° BIG CHIEF/BIG DUKE Std Bore: 4.250 (427/454), 4.466 (502) Ring package designed for: .043 BACKCUT, .043 D-WALL, 3.0MM Rings **Use GM1014-039 Gasket for Mark V & VI Blocks*															
243313	565	4.600	4.375	6.535	9.780	1.060	16.8	15.8	14.2	18.0	585	B, M	.134	JG7708-4600-5	GM1011-039**
243314	568	4.610	4.375	6.535	9.780	1.060	16.8	15.8	14.2	18.0	588	B, M	.144	JG7708-4610-5	GM1011-039**
243315	565	4.600	4.250	6.535	9.780	1.120	16.7	15.7	14.1	20.0	612	B, M	.134	JG7708-4600-5	GM1011-039**
243316	568	4.610	4.250	6.535	9.780	1.120	16.8	15.8	14.1	20.0	614	B	.144	JG7708-4610-5	GM1011-039**
243315	632	4.600	4.750	6.700	10.195	1.120	18.6	17.5	15.6	20.0	612	B, M	.134	JG7708-4600-5	GM1011-039**
243316	634	4.610	4.750	6.700	10.195	1.120	18.7	17.6	15.7	20.0	614	B	.144	JG7708-4610-5	GM1011-039**
18° BIG CHIEF/BIG DUKE NITROUS SERIES Std Bore: 4.250 (427/454), 4.466 (502) Ring package designed for: .043 BACKCUT, 1/16, 3/16 Rings **Use GM1014-039 Gasket for Mark V & VI Blocks*															
243317	555	4.560	4.250	6.535	9.780	1.120	15.1	14.3	12.9	13.0	592	B, M	.094	JG8608-4560-5	GM1011-039**
243318	565	4.600	4.250	6.535	9.780	1.120	15.3	14.5	13.1	13.0	619	B	.134	JG86L8-4600-5	GM1011-039**
243319	568	4.610	4.250	6.535	9.780	1.120	15.4	14.6	13.2	13.0	621	B	.144	JG86L8-4610-5	GM1011-039**
243321	565	4.600	4.250	6.535	9.780	1.120	16.7	15.7	14.1	20.0	638	B	.134	JG86L8-4600-5	GM1011-039**
243322	568	4.610	4.250	6.535	9.780	1.120	16.8	15.8	14.1	20.0	629	B, M	.144	JG86L8-4610-5	GM1011-039**
243317	621	4.560	4.750	6.700	10.195	1.120	16.8	15.9	14.3	13.0	592	B, M	.094	JG8608-4560-5	GM1011-039**
243318	632	4.600	4.750	6.700	10.195	1.120	17.0	16.1	14.5	13.0	619	B	.134	JG86L8-4600-5	GM1011-039**
243319	634	4.610	4.750	6.700	10.195	1.120	17.1	16.2	14.6	13.0	621	B	.144	JG86L8-4610-5	GM1011-039**
243321	632	4.600	4.750	6.700	10.195	1.120	18.6	17.5	15.6	20.0	638	B	.134	JG86L8-4600-5	GM1011-039**
243322	634	4.610	4.750	6.700	10.195	1.120	18.7	17.6	15.7	20.0	629	B, M	.144	JG86L8-4610-5	GM1011-039**
243323	555	4.560	4.250	6.385	9.780	1.270	15.1	14.3	12.9	13.0	640	B, M	.094	JG8608-4560-5	GM1011-039**
243324	565	4.600	4.250	6.385	9.780	1.270	15.3	14.5	13.1	13.0	654	B, M	.134	JG86L8-4600-5	GM1011-039**
243325	568	4.610	4.250	6.385	9.780	1.270	15.4	14.6	13.2	13.0	659	B, M	.144	JG86L8-4610-5	GM1011-039**

PRO MOD STYLE GP 18°

18° PRO MOD STYLE Std Bore: 4.250 (427/454), 4.466 (502) Ring package designed for: .043 BACKCUT, 1/16, 3/16 Rings
**Use GM1014-039 Gasket for Mark V & VI Blocks*

194964	565	4.600	4.250	6.535	9.800	1.140	15.3	14.5	13.1	13.0	626	B	.134	JG86L8-4600-5	GM1011-039**
194909	565	4.600	4.250	6.385	9.790	1.280	15.3	14.5	13.1	13.0	667	M, B	.134	JG86L8-4600-5	GM1011-039**
194910	568	4.610	4.250	6.385	9.790	1.280	15.4	14.6	13.2	13.0	675	M, B	.144	JG86L8-4610-5	GM1011-039**

12° / 14° 632 FLAT TOP

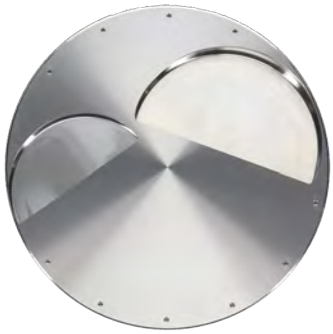
12° / 14° 632 FLAT TOP SERIES Std Bore: Aftermarket Race Block 4.600 Ring package designed for: .043 BACKCUT, .043 D-wall, 3.0mm Rings
**Use GM1014-039 Gasket for Mark V & VI Blocks*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 65cc	70cc	77cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
280263	632	4.600	4.750	6.700	10.195	1.120	16.4	15.5	14.5	-7.3	570	B	STD	JG7708-4600-5	GM1011-039**
280265	634	4.610	4.750	6.700	10.195	1.120	16.5	15.6	14.5	-7.3	571	B	.010	JG7708-4610-5	GM1011-039**
280266	638	4.625	4.750	6.700	10.195	1.120	16.5	15.7	14.6	-7.3	579	B, M	.025	JG7708-4625-5	GM1011-039**

12° / 14° 632 NITROUS SERIES FLAT TOP

12° / 14° 632 FLAT TOP NITROUS SERIES Std Bore: Aftermarket Race Block 4.600 Ring package designed for: .043 BACKCUT, .043 D-wall, 3.0mm Rings
**Use GM1014-039 Gasket for Mark V & VI Blocks*

293518	632	4.600	4.750	6.660	10.175	1.140	16.4	15.5	14.5	-7.3	582	B, M	STD	JG73U8-4600-5	GM1011-039**
293519	634	4.610	4.750	6.660	10.175	1.140	16.5	15.6	14.5	-7.3	584	B, M	.010	JG73F8-4610-5	GM1011-039**
293520	638	4.625	4.750	6.660	10.175	1.140	16.5	15.7	14.6	-7.3	584	B, M	.025	JG73S8-4625-5	GM1011-039**
353418	632	4.600	4.750	6.700	10.195	1.120	16.4	15.5	14.5	-7.3		M	STD	JG86F8-4600-5	GM1011-039**
353419	634	4.610	4.750	6.700	10.195	1.120	16.5	15.6	14.5	-7.3		M	.010	JG86H8-4610-5	GM1011-039**
353420	638	4.625	4.750	6.700	10.195	1.120	16.5	15.7	14.6	-7.3		M	.025	JG86F8-4625-5	GM1011-039**
353418	582	4.600	4.375	6.480	9.788	1.120	15.2	14.5	13.6	-7.3		M	STD	JG86F8-4600-5	GM1011-039**
353419	584	4.610	4.375	6.480	9.788	1.120	15.3	14.5	13.6	-7.3		M	.010	JG86H8-4610-5	GM1011-039**
353420	588	4.625	4.375	6.480	9.788	1.120	15.4	14.6	13.7	-7.3		M	.025	JG86F8-4625-5	GM1011-039**



JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

FORD

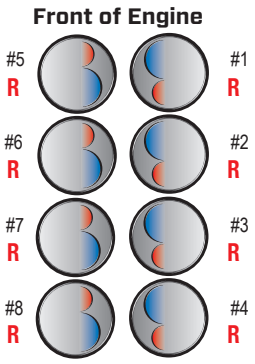
JE shelf Pistons for the 302/351 Small Block Ford engines are designed to suit most Ford Factory as well as aftermarket cylinder heads with a few notable exceptions. All Ford Cleveland style "canted valve" heads, Brodix models BF200 and BF300, Chapman SC1 and all TFS "Twisted Wedge" heads require custom pistons unless the JE part is specifically noted to suit that application. JE does offer some shelf pistons specifically designed for the Twisted Wedge style heads. These are designated the "Twisted Series" pistons and are listed along with the standard models where they are available.

Big Block Ford engines are separated into two categories to determine piston to cylinder head compatibility. First are the early FE styles that include the 390, 406 HP, 410 Mercury, 427 and 428 Standard, 428CJ and the 428 SCJ (427 SOHC heads require custom pistons). Second are the later style 429/460 heads (SVO A, C, E, 460SCJ and Boss 429 heads all require custom pistons). All JE Big Block Ford shelf pistons are designed to work with most other factory and aftermarket heads.

If you have questions regarding the head chamber details on your particular cylinder head JE suggests that you contact the cylinder head manufacturer directly. Always physically check the proper clearances as explained in the notes and diagrams below.

Due to the many different cylinder block deck heights within the small block Ford group of engines we have provided a block deck height chart below for some of the most popular combinations.

SMALL BLOCK & 460 ENGINE



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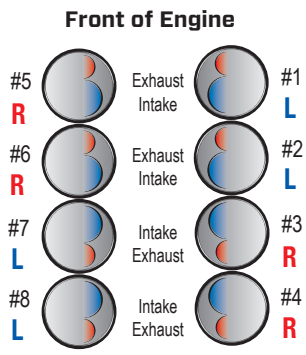
BIG BLOCK FE ENGINE



Lefts & Rights

SMALL BLOCK FORD DECK HEIGHTS

4.6L, 5.0L, and 5.2L Modular	8.937"
5.4L Modular	10.079"
289-302 Factory	8.200"
302 Aftermarket	8.200"/8.700"
351 Cleveland Factory	9.200"
351 Windsor '69-'70	9.480"
351 Windsor '71 or Later	9.500"
351 Aftermarket	9.200"/9.500"

BIG BLOCK "FE" FORD

Basic Block	Bore	Stroke	C.I.
390	4.050	3.780	390
406 HP	4.130	3.780	406
410 Mercury	4.050	3.980	410
428 Std, CJ, & SCJ	4.130	3.980	428
427 LR, MR, HR, TP, & SOHC*	4.233	3.780	427
427 w/428 Crank	4.233	3.980	447

CJ = Cobra Jet
SCJ = Super Cobra Jet
LR = Low Riser
MR = Medium Riser
HR = High Riser
TP = Tunnel Port
SOHC = Single Overhead Cam

NOTE: Some 390 blocks can go to 4.130, most 4.110 max. Some 406 blocks can go to 4.233, most 4.200 max. Most 427 blocks can go to 4.270. *427 SOHC heads require custom pistons.

4.6L MODULAR - 2V

We have redesigned and expanded our Ford Modular product line! The new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower Modular engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm and 1.2mm, 1.5mm, 3.0mm rings.

Features:
Accumulator Grooves
Offset Wrist Pin

Includes:
Pin #866-2250-15-51C (98g)
Round Wire Locks # 866-063-MW

4.6L MODULAR - 2V SERIES Std Bore: 3.552 Ring package designed for:
**FD1010-039 = Left Hand Gasket / FD1011-039 = Right Hand Gasket*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters (99+ PI 2V) 42cc		(Pre 98 2V) 51cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
314557	281	3.552	3.543	5.933	8.932	1.220	8.5:1		7.7:1	-26.5	332	T	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314558	282	3.562	3.543	5.933	8.932	1.220	8.5:1		7.7:1	-26.9	335	T	.010	JG1008-3563	FD1010-039/ FD1011-039*
314559	284	3.572	3.543	5.933	8.932	1.220	8.5:1		7.7:1	-27.3	336	T	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314560	292	3.622	3.543	5.933	8.932	1.220	8.5:1		7.7:1	-29.2	341	T	.070	JG1008-3622	
314561	305	3.701	3.543	5.933	8.932	1.220	8.5:1		7.7:1	-32.4	345	T	.149	JG1008-3701	
314563	281	3.552	3.543	5.933	8.932	1.220	9.5:1		8.5:1	-17.5	336	T	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314564	282	3.562	3.543	5.933	8.932	1.220	9.5:1		8.5:1	-17.8	339	T	.010	JG1008-3563	FD1010-039/ FD1011-039*
314565	284	3.572	3.543	5.933	8.932	1.220	9.5:1		8.5:1	-18.1	342	T	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314566	292	3.622	3.543	5.933	8.932	1.220	9.5:1		8.5:1	-19.8	352	T	.070	JG1008-3622	
314567	305	3.701	3.543	5.933	8.932	1.220	9.5:1		8.5:1	-22.6	355	T	.149	JG1008-3701	
314568	281	3.552	3.543	5.933	8.932	1.220	11.0:1		9.7:1	-7.3	336	V	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314569	282	3.562	3.543	5.933	8.932	1.220	11.0:1		9.7:1	-7.6	338	V	.010	JG1008-3563	FD1010-039/ FD1011-039*
314570	284	3.572	3.543	5.933	8.932	1.220	11.0:1		9.7:1	-7.9	340	V	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314571	292	3.622	3.543	5.933	8.932	1.220	11.0:1		9.7:1	-9.3	345	V	.070	JG1008-3622	
314572	305	3.701	3.543	5.933	8.932	1.220	11.0:1		9.7:1	-11.6	350	V	.149	JG1008-3701	
314573	297	3.552	3.750	5.850	8.932	1.200	8.5:1		7.8:1	-31.0	325	T	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314574	299	3.562	3.750	5.850	8.932	1.200	8.5:1		7.8:1	-31.4	327	T	.010	JG1008-3563	FD1010-039/ FD1011-039*
314575	301	3.572	3.750	5.850	8.932	1.200	8.5:1		7.8:1	-31.8	329	T	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314576	309	3.622	3.750	5.850	8.932	1.200	8.5:1		7.8:1	-33.9	335	T	.070	JG1008-3622	
314577	323	3.701	3.750	5.850	8.932	1.200	8.5:1		7.8:1	-37.3	340	T	.149	JG1008-3701	
314580	297	3.552	3.750	5.850	8.932	1.200	9.5:1		8.6:1	-21.4	339	T	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314581	299	3.562	3.750	5.850	8.932	1.200	9.5:1		8.6:1	-21.8	341	T	.010	JG1008-3563	FD1010-039/ FD1011-039*
314582	301	3.572	3.750	5.850	8.932	1.200	9.5:1		8.6:1	-22.1	343	T	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314583	309	3.622	3.750	5.850	8.932	1.200	9.5:1		8.6:1	-24.0	348	T	.070	JG1008-3622	
314584	323	3.701	3.750	5.850	8.932	1.200	9.5:1		8.6:1	-26.9	352	T	.149	JG1008-3701	
314585	297	3.552	3.750	5.850	8.932	1.200	11.0:1		9.7:1	-10.7	323	V	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314586	299	3.563	3.750	5.850	8.932	1.200	11.0:1		9.7:1	-11.0	325	V	.010	JG1008-3563	FD1010-039/ FD1011-039*
314587	301	3.572	3.750	5.850	8.932	1.200	11.0:1		9.7:1	-11.3	327	V	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314588	309	3.622	3.750	5.850	8.932	1.200	11.0:1		9.7:1	-12.8	333	V	.070	JG1008-3622	
314589	323	3.701	3.750	5.850	8.932	1.200	11.0:1		9.7:1	-15.2	338	V	.149	JG1008-3701	

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

4.6L Modular - 3V

We have redesigned and expanded our Ford Modular product line! The new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower Modular engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm and 1.2mm, 1.5mm, 3.0mm rings.

Features:
Accumulator Grooves
Offset Wrist Pin

Includes:
Pin #866-2250-15-51C (98g)
Round Wire Locks # 866-063-MW

4.6L MODULAR - 3V SERIES Std Bore: 3.552 Ring package designed for:
**FD1012-039 = Left Hand Gasket / FD1013-039 = Right Hand Gasket*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters (2005+ 3V) 50cc Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
314591	281	3.552	3.543	5.933	8.932	1.220	8.5:1	-18.7	335	T	STD	JG3208-3551-0	FD1012-039/ FD1013-039*
314592	282	3.562	3.543	5.933	8.932	1.220	8.5:1	-19.0	336	T	.010	JG1008-3563	FD1012-039/ FD1013-039*
314593	284	3.572	3.543	5.933	8.932	1.220	8.5:1	-19.4	338	T	.020	JG3208-3571-0	FD1012-039/ FD1013-039*
314594	292	3.622	3.543	5.933	8.932	1.220	8.5:1	-21.4	343	T	.070	JG1008-3622	
314595	305	3.701	3.543	5.933	8.932	1.220	8.5:1	-24.6	347	T	.149	JG1008-3701	
314597	281	3.552	3.543	5.933	8.932	1.220	9.5:1	-9.7	345	T	STD	JG3208-3551-0	FD1012-039/ FD1013-039*
314598	282	3.562	3.543	5.933	8.932	1.220	9.5:1	-10.0	360	T	.010	JG1008-3563	FD1012-039/ FD1013-039*
314599	284	3.572	3.543	5.933	8.932	1.220	9.5:1	-10.3	362	T	.020	JG3208-3571-0	FD1012-039/ FD1013-039*
314600	292	3.622	3.543	5.933	8.932	1.220	9.5:1	-12.0	368	T	.070	JG1008-3622	
314601	305	3.701	3.543	5.933	8.932	1.220	9.5:1	-14.8	373	T	.149	JG1008-3701	
314602	281	3.552	3.543	5.933	8.932	1.220	11.0:1	0.5	351	V	STD	JG3208-3551-0	FD1012-039/ FD1013-039*
314603	282	3.562	3.543	5.933	8.932	1.220	11.0:1	0.2	353	V	.010	JG1008-3563	FD1012-039/ FD1013-039*
314604	284	3.572	3.543	5.933	8.932	1.220	11.0:1	0.1	355	V	.020	JG3208-3571-0	FD1012-039/ FD1013-039*
314605	292	3.622	3.543	5.933	8.932	1.220	11.0:1	-1.5	360	V	.070	JG1008-3622	
314606	305	3.701	3.543	5.933	8.932	1.220	11.0:1	-3.8	365	V	.149	JG1008-3701	
314609	297	3.552	3.750	5.850	8.932	1.200	8.5:1	-23.2	332	T	STD	JG3208-3551-0	FD1012-039/ FD1013-039*
314610	299	3.562	3.750	5.850	8.932	1.200	8.5:1	-23.6	334	T	.010	JG1008-3563	FD1012-039/ FD1013-039*
314611	301	3.572	3.750	5.850	8.932	1.200	8.5:1	-24.0	336	T	.020	JG3208-3571-0	FD1012-039/ FD1013-039*
314612	309	3.622	3.750	5.850	8.932	1.200	8.5:1	-26.0	340	T	.070	JG1008-3622	
314613	323	3.701	3.750	5.850	8.932	1.200	8.5:1	-29.5	345	T	.149	JG1008-3701	
314614	297	3.552	3.750	5.850	8.932	1.200	9.5:1	-13.6	336	T	STD	JG3208-3551-0	FD1012-039/ FD1013-039*
314615	299	3.562	3.750	5.850	8.932	1.200	9.5:1	-14.0	338	T	.010	JG1008-3563	FD1012-039/ FD1013-039*
314616	301	3.572	3.750	5.850	8.932	1.200	9.5:1	-14.3	342	T	.020	JG3208-3571-0	FD1012-039/ FD1013-039*
314617	309	3.622	3.750	5.850	8.932	1.200	9.5:1	-16.2	345	T	.070	JG1008-3622	
314618	323	3.701	3.750	5.850	8.932	1.200	9.5:1	-19.1	350	T	.149	JG1008-3701	
314619	297	3.552	3.750	5.850	8.932	1.200	11.0:1	-2.9	349	V	STD	JG3208-3551-0	FD1012-039/ FD1013-039*
314620	299	3.563	3.750	5.850	8.932	1.200	11.0:1	-3.1	351	V	.010	JG1008-3563	FD1012-039/ FD1013-039*
314621	301	3.572	3.750	5.850	8.932	1.200	11.0:1	-3.5	353	V	.020	JG3208-3571-0	FD1012-039/ FD1013-039*
314622	309	3.622	3.750	5.850	8.932	1.200	11.0:1	-5.0	358	V	.070	JG1008-3622	
314623	323	3.701	3.750	5.850	8.932	1.200	11.0:1	-7.4	362	V	.149	JG1008-3701	




4.6L Modular - 4V

We have redesigned and expanded our Ford Modular product line! The new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower Modular engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm and 1.2mm, 1.5mm, 3.0mm rings.

Features:
Accumulator Grooves
Offset Wrist Pin

Includes:
Pin #866-2250-15-51C (98g)
Round Wire Locks # 866-063-MW

4.6L MODULAR - 4V SERIES Std Bore: 3.552 Ring package designed for:
**FD1010-039 = Left Hand Gasket / FD1011-039 = Right Hand Gasket*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 53cc Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
314624	281	3.552	3.543	5.933	8.932	1.220	8.5:1	-15.6	337	T	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314625	282	3.562	3.543	5.933	8.932	1.220	8.5:1	-16.0	341	T	.010	JG1008-3563	FD1010-039/ FD1011-039*
314626	284	3.572	3.543	5.933	8.932	1.220	8.5:1	-16.5	341	T	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314627	292	3.622	3.543	5.933	8.932	1.220	8.5:1	-18.4	345	T	.070	JG1008-3622	
314628	305	3.701	3.543	5.933	8.932	1.220	8.5:1	-21.6	349	T	.149	JG1008-3701	
314629	281	3.552	3.543	5.933	8.932	1.220	9.5:1	-6.6	357	T	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314630	282	3.562	3.543	5.933	8.932	1.220	9.5:1	-7.0	358	T	.010	JG1008-3563	FD1010-039/ FD1011-039*
314631	284	3.572	3.543	5.933	8.932	1.220	9.5:1	-7.3	359	T	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314632	292	3.622	3.543	5.933	8.932	1.220	9.5:1	-9.0	369	T	.070	JG1008-3622	
314633	305	3.701	3.543	5.933	8.932	1.220	9.5:1	-11.8	372	T	.149	JG1008-3701	
314634	281	3.552	3.543	5.933	8.932	1.220	11.0:1	3.5	388	V	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314635	282	3.562	3.543	5.933	8.932	1.220	11.0:1	3.2	390	V	.010	JG1008-3563	FD1010-039/ FD1011-039*
314636	284	3.572	3.543	5.933	8.932	1.220	11.0:1	2.9	392	V	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314637	292	3.622	3.543	5.933	8.932	1.220	11.0:1	1.5	398	V	.070	JG1008-3622	
314638	305	3.701	3.543	5.933	8.932	1.220	11.0:1	-0.8	402	V	.149	JG1008-3701	
314640	297	3.552	3.750	5.850	8.932	1.200	8.5:1	-20.2	334	T	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314641	299	3.562	3.750	5.850	8.932	1.200	8.5:1	-20.6	336	T	.010	JG1008-3563	FD1010-039/ FD1011-039*
314642	301	3.572	3.750	5.850	8.932	1.200	8.5:1	-21.0	338	T	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314643	309	3.622	3.750	5.850	8.932	1.200	8.5:1	-23.0	343	T	.070	JG1008-3622	
314644	323	3.701	3.750	5.850	8.932	1.200	8.5:1	-26.5	348	T	.149	JG1008-3701	
314646	297	3.552	3.750	5.850	8.932	1.200	9.5:1	-10.6	341	T	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314647	299	3.562	3.750	5.850	8.932	1.200	9.5:1	-11.0	343	T	.010	JG1008-3563	FD1010-039/ FD1011-039*
314648	301	3.572	3.750	5.850	8.932	1.200	9.5:1	-11.3	345	T	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314649	309	3.622	3.750	5.850	8.932	1.200	9.5:1	-13.2	350	T	.070	JG1008-3622	
314650	323	3.701	3.750	5.850	8.932	1.200	9.5:1	-16.1	354	T	.149	JG1008-3701	
314651	297	3.552	3.750	5.850	8.932	1.200	11.0:1	0.1	366	V	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314652	299	3.563	3.750	5.850	8.932	1.200	11.0:1	-0.1	368	V	.010	JG1008-3563	FD1010-039/ FD1011-039*
314653	301	3.572	3.750	5.850	8.932	1.200	11.0:1	-0.5	370	V	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314654	309	3.622	3.750	5.850	8.932	1.200	11.0:1	-2.0	374	V	.070	JG1008-3622	
314655	323	3.701	3.750	5.850	8.932	1.200	11.0:1	-4.4	378	V	.149	JG1008-3701	

5.4L Modular - 2V

We have redesigned and expanded our Ford Modular product line! The new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower Modular engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm and 1.2mm, 1.5mm, 3.0mm rings.

Features:
Accumulator Grooves
Offset Wrist Pin

Includes:
Pin #866-2250-15-51C (98g)
Round Wire Locks # 866-063-MW

5.4L MODULAR - 2V SERIES Std Bore: 3.552 Ring package designed for:
**FD1010-039 = Left Hand Gasket / FD1011-039 = Right Hand Gasket*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 42cc Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
314656	330	3.552	4.165	6.657	10.078	1.320	8.5:1	-38.3	335	T	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314657	332	3.562	4.165	6.657	10.078	1.320	8.5:1	-38.8	337	T	.010	JG1008-3563	FD1010-039/ FD1011-039*
314658	334	3.572	4.165	6.657	10.078	1.320	8.5:1	-39.2	339	T	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314659	343	3.622	4.165	6.657	10.078	1.320	8.5:1	-41.5	344	T	.070	JG1008-3622	

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

5.4L Modular - 2V Continued

5.4L MODULAR - 2V SERIES Std Bore: 3.552 Ring package designed for:
**FD1010-039 = Left Hand Gasket / FD1011-039 = Right Hand Gasket*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 42cc Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
314660	358	3.701	4.165	6.657	10.078	1.320	8.5:1	-45.3	348	T	.149	JG1008-3701	
314661	330	3.552	4.165	6.657	10.078	1.320	9.5:1	-27.7	346	T	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314662	332	3.562	4.165	6.657	10.078	1.320	9.5:1	-28.0	346	T	.010	JG1008-3563	FD1010-039/ FD1011-039*
314663	334	3.572	4.165	6.657	10.078	1.320	9.5:1	-28.5	350	T	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314664	343	3.622	4.165	6.657	10.078	1.320	9.5:1	-30.5	354	T	.070	JG1008-3622	
314665	358	3.701	4.165	6.657	10.078	1.320	9.5:1	-33.7	358	T	.149	JG1008-3701	
314666	330	3.552	4.165	6.657	10.078	1.320	11.0:1	-15.8	339	V	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314667	332	3.562	4.165	6.657	10.078	1.320	11.0:1	-16.1	341	V	.010	JG1008-3563	FD1010-039/ FD1011-039*
314668	334	3.572	4.165	6.657	10.078	1.320	11.0:1	-16.4	343	V	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314669	343	3.622	4.165	6.657	10.078	1.320	11.0:1	-18.1	349	V	.070	JG1008-3622	
314670	358	3.701	4.165	6.657	10.078	1.320	11.0:1	-20.8	355	V	.149	JG1008-3701	

5.4L Modular - 3V

We have redesigned and expanded our Ford Modular product line! The new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower Modular engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm and 1.2mm, 1.5mm, 3.0mm rings.

Features:
Accumulator Grooves
Offset Wrist Pin

Includes:
Pin #866-2250-15-51C (98g)
Round Wire Locks # 866-063-MW

5.4L MODULAR - 3V SERIES Std Bore: 3.552 Ring package designed for:
**FD1012-039 = Left Hand Gasket / FD1013-039 = Right Hand Gasket*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters (2005+ 3V) 50cc Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
314672	330	3.552	4.165	6.657	10.078	1.320	8.5:1	-30.3	339	T	STD	JG3208-3551-0	FD1012-039/ FD1013-039*
314673	332	3.562	4.165	6.657	10.078	1.320	8.5:1	-30.8	340	T	.010	JG1008-3563	FD1012-039/ FD1013-039*
314674	334	3.572	4.165	6.657	10.078	1.320	8.5:1	-31.2	342	T	.020	JG3208-3571-0	FD1012-039/ FD1013-039*
314675	343	3.622	4.165	6.657	10.078	1.320	8.5:1	-33.5	347	T	.070	JG1008-3622	
314676	358	3.701	4.165	6.657	10.078	1.320	8.5:1	-37.3	352	T	.149	JG1008-3701	
314677	330	3.552	4.165	6.657	10.078	1.320	9.5:1	-19.7	344	T	STD	JG3208-3551-0	FD1012-039/ FD1013-039*
314678	332	3.562	4.165	6.657	10.078	1.320	9.5:1	-20.1	346	T	.010	JG1008-3563	FD1012-039/ FD1013-039*
314679	334	3.572	4.165	6.657	10.078	1.320	9.5:1	-20.5	350	T	.020	JG3208-3571-0	FD1012-039/ FD1013-039*
314680	343	3.622	4.165	6.657	10.078	1.320	9.5:1	-22.5	355	T	.070	JG1008-3622	
314681	358	3.701	4.165	6.657	10.078	1.320	9.5:1	-25.7	358	T	.149	JG1008-3701	
314682	330	3.552	4.165	6.657	10.078	1.320	11.0:1	-7.8	352	V	STD	JG3208-3551-0	FD1012-039/ FD1013-039*
314683	332	3.562	4.165	6.657	10.078	1.320	11.0:1	-8.1	354	V	.010	JG1008-3563	FD1012-039/ FD1013-039*
314684	334	3.572	4.165	6.657	10.078	1.320	11.0:1	-8.4	356	V	.020	JG3208-3571-0	FD1012-039/ FD1013-039*
314685	343	3.622	4.165	6.657	10.078	1.320	11.0:1	-10.1	361	V	.070	JG1008-3622	
314686	358	3.701	4.165	6.657	10.078	1.320	11.0:1	-12.8	365	V	.149	JG1008-3701	

5.4L Modular - 4V

We have redesigned and expanded our Ford Modular product line! The new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower Modular engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm and 1.2mm, 1.5mm, 3.0mm rings.

Features:
Accumulator Grooves
Offset Wrist Pin

Includes:
Pin #866-2250-15-51C (98g)
Round Wire Locks # 866-063-MW

5.4L MODULAR - 4V SERIES Std Bore: 3.552 Ring package designed for:
**FD1010-039 = Left Hand Gasket / FD1011-039 = Right Hand Gasket*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 53cc Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
314687	330	3.552	4.165	6.657	10.078	1.320	8.5:1	-27.7	343	T	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314688	332	3.562	4.165	6.657	10.078	1.320	8.5:1	-28.2	344	T	.010	JG1008-3563	FD1010-039/ FD1011-039*
314689	334	3.572	4.165	6.657	10.078	1.320	8.5:1	-28.6	349	T	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314690	343	3.622	4.165	6.657	10.078	1.320	8.5:1	-30.9	351	T	.070	JG1008-3622	
314691	358	3.701	4.165	6.657	10.078	1.320	8.5:1	-34.6	354	T	.149	JG1008-3701	
314692	330	3.552	4.165	6.657	10.078	1.320	9.5:1	-17.1	346	T	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314693	332	3.562	4.165	6.657	10.078	1.320	9.5:1	-17.5	347	T	.010	JG1008-3563	FD1010-039/ FD1011-039*
314694	334	3.572	4.165	6.657	10.078	1.320	9.5:1	-17.9	349	T	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314695	343	3.622	4.165	6.657	10.078	1.320	9.5:1	-19.9	354	T	.070	JG1008-3622	
314696	358	3.701	4.165	6.657	10.078	1.320	9.5:1	-23.1	358	T	.149	JG1008-3701	
314697	330	3.552	4.165	6.657	10.078	1.320	11.0:1	-5.2	364	V	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
314698	332	3.562	4.165	6.657	10.078	1.320	11.0:1	-5.5	366	V	.010	JG1008-3563	FD1010-039/ FD1011-039*
314699	334	3.572	4.165	6.657	10.078	1.320	11.0:1	-5.8	368	V	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
314700	343	3.622	4.165	6.657	10.078	1.320	11.0:1	-7.5	372	V	.070	JG1008-3622	
314701	358	3.701	4.165	6.657	10.078	1.320	11.0:1	-10.2	376	V	.149	JG1008-3701	

COYOTE 5.0L MODULAR 2011-2017

We have redesigned and expanded our Ford Modular product line! The new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower Modular engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm rings.

Features:
Accumulator Grooves
Offset Wrist Pin

Includes:
Pin #866-2250-15-51C (98g)
Round Wire Locks # 866-063-MW

COYOTE 5.0L MODULAR - 2011-2017 SERIES Std Bore: 3.630 Ring package designed for:
**FD1014-039 = Left Hand Gasket / FD1015-039 = Right Hand Gasket*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 57cc Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
314411	302	3.630	3.650	5.933	8.937	1.174	8.5:1	-17.4	351	T	STD	JG1008-3632	FD1014-039/ FD1015-039*
314412	304	3.640	3.650	5.933	8.937	1.174	8.5:1	-17.8	352	T	.010	JG1008-3642	FD1014-039/ FD1015-039*
314413	306	3.650	3.650	5.933	8.937	1.174	8.5:1	-18.2	350	T, M	.020	JG1008-3652	FD1014-039/ FD1015-039*
314414	307	3.660	3.650	5.933	8.937	1.174	8.5:1	-18.6	352	T, M	.030	JG1008-3661	FD1014-039/ FD1015-039*
314415	302	3.630	3.650	5.933	8.937	1.174	9.5:1	-7.6	356	T	STD	JG1008-3632	FD1014-039/ FD1015-039*
314416	304	3.640	3.650	5.933	8.937	1.174	9.5:1	-8.0	358	T	.010	JG1008-3642	FD1014-039/ FD1015-039*
314417	306	3.650	3.650	5.933	8.937	1.174	9.5:1	-8.4	360	T, M	.020	JG1008-3652	FD1014-039/ FD1015-039*
314418	307	3.660	3.650	5.933	8.937	1.174	9.5:1	-8.7	360	T, M	.030	JG1008-3661	FD1014-039/ FD1015-039*
360827	302	3.630	3.650	5.933	8.937	1.174	10.0:1	-4.4		Ultra	STD	JG1008-3632	FD1025-039/ FD1026-039*
360828	304	3.640	3.650	5.933	8.937	1.174	10.0:1	-4.8		Ultra	.010	JG1008-3642	FD1025-039/ FD1026-039*
360829	306	3.650	3.650	5.933	8.937	1.174	10.0:1	-5.1		Ultra	.020	JG1008-3652	FD1025-039/ FD1026-039*
360830	302	3.630	3.650	5.933	8.937	1.174	11.0:1	2.5		Ultra	STD	JG1008-3632	FD1025-039/ FD1026-039*
360831	304	3.640	3.650	5.933	8.937	1.174	11.0:1	2.2		Ultra	.010	JG1008-3642	FD1025-039/ FD1026-039*
360832	306	3.650	3.650	5.933	8.937	1.174	11.0:1	1.9		Ultra	.020	JG1008-3652	FD1025-039/ FD1026-039*
314419	302	3.630	3.650	5.933	8.937	1.174	11.0:1	3.3	361	V	STD	JG1008-3632	FD1014-039/ FD1015-039*
314420	304	3.640	3.650	5.933	8.937	1.174	11.0:1	3.0	363	V	.010	JG1008-3642	FD1014-039/ FD1015-039*
314421	306	3.650	3.650	5.933	8.937	1.174	11.0:1	2.7	364	V, M	.020	JG1008-3652	FD1014-039/ FD1015-039*

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

COYOTE 5.0L MODULAR 2011-2017 Continued

COYOTE 5.0L MODULAR - 2011-2017 SERIES Std Bore: 3.630 Ring package designed for:

**FD1014-039 = Left Hand Gasket / FD1015-039 = Right Hand Gasket*

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 57cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
314422	307	3.660	3.650	5.933	8.937	1.174	11.0:1	2.4	366	V, M	.030	JG1008-3661	FD1014-039/ FD1015-039*
314423	302	3.630	3.650	5.933	8.937	1.174	12.5:1	11.3	381	M	STD	JG1008-3632	FD1014-039/ FD1015-039*
314424	304	3.640	3.650	5.933	8.937	1.174	12.5:1	11.1	383	M	.010	JG1008-3642	FD1014-039/ FD1015-039*
314425	306	3.650	3.650	5.933	8.937	1.174	12.5:1	10.8	385	M	.020	JG1008-3652	FD1014-039/ FD1015-039*
314426	307	3.660	3.650	5.933	8.937	1.174	12.5:1	10.6	387	M	.030	JG1008-3661	FD1014-039/ FD1015-039*

COYOTE 5.0L MODULAR GEN 3 DIRECT INJECTION 2018+

We have redesigned and expanded our Ford Modular product line! The new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower Modular engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm rings.

Features:
Accumulator Grooves
Offset Wrist Pin

Includes:
Pin #866-2250-18-51C (98g)
Round Wire Locks # 866-063-MW

COYOTE 5.0L MODULAR - GEN 3 SERIES Std Bore: 3.661 Ring package designed for:

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 57cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
360833	307	3.661	3.650	5.933	8.937	1.168	11.0:1	1.5		Ultra	STD	JG1001-3661	
360834	311	3.681	3.650	5.933	8.937	1.168	11.0:1	0.9		Ultra	.020	JG1001-3681	
353904	307	3.661	3.650	5.933	8.937	1.168	11.0:1	1.4	374	T	STD	JG1008-3661	
353905	314	3.701	3.650	5.933	8.937	1.168	11.0:1	0.1	380	T	.040	JG1008-3701	
353906	307	3.661	3.650	5.933	8.937	1.168	12.0:1	7.0	389	V	STD	JG1008-3661	
353907	314	3.701	3.650	5.933	8.937	1.168	12.0:1	5.8	396	V	.040	JG1008-3701	

GT350 VOODOO 5.2L MODULAR

We have redesigned and expanded our Ford Modular product line! The new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower Modular engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm rings.

Features:
Accumulator Grooves
Offset Wrist Pin

Includes:
Pin #866-2250-18-51C (98g)
Round Wire Locks # 866-063-MW

GT350 VOODOO 5.2L MODULAR SERIES Std Bore: 3.701 Ring package designed for:

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 56cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
345870	302	3.701	3.661	5.933	8.937	1.161	12.0:1	6.7	392	T, M	STD	JG1001-3701	
345871	302	3.701	3.661	5.933	8.937	1.161	12.5:1	8.9	398	V, M	STD	JG1001-3701	

FORD 2013-2014 GT500 MODULAR 5.8L

We have redesigned and expanded our Ford Modular product line! The new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower Modular engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm rings.

Features:
Accumulator Grooves
Offset Wrist Pin

Includes:
Pin #866-2250-18-51C (98g)
Round Wire Locks # 866-063-MW

GT500 5.8L MODULAR SERIES Std Bore: 3.681 Ring package designed for:

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 53cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
371782		3.681	4.165	6.657	10.060	1.320	9.5:1	-22.0			STD	JG1001-3681	

FORD 2010-2017 MODULAR SOHC 6.2L

We have redesigned and expanded our Ford Modular product line! The new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower Modular engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm rings.

Features:
Accumulator Grooves
Offset Wrist Pin

Includes:
Pin #945-2250-15-51C
Round Wire Locks # 945-073-MW

6.2L MODULAR SOHC SERIES Std Bore: 3.681 Ring package designed for:

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
								76cc							
371784	379	4.016	3.740	6.200	9.390	1.318		9.5:1		-6.4	463	FSR		JG3108-4020-2	
371785	380	4.020	3.740	6.200	9.390	1.318		9.5:1		-6.6	464	FSR		JG3108-4020-2	
371786	383	4.035	3.740	6.200	9.390	1.318		9.5:1		-7.2	470	FSR		JG31F8-4040-2	
371787	379	4.016	3.740	6.200	9.390	1.318		11.0:1		7.2	500	FSR		JG3108-4020-2	
371788	380	4.020	3.740	6.200	9.390	1.318		11.0:1		7.1	501	FSR		JG3108-4020-2	
371789	383	4.035	3.740	6.200	9.390	1.318		11.0:1		6.6	504	FSR		JG31F8-4040-2	

331/347 HEAVY DUTY FLAT TOP

302 STROKER Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							56cc	60cc	64cc						
188703	347	4.030	3.400	5.400	8.200	1.100	11.2	10.6	10.1	-5.0	411	B, C	.030	J10008-4030-5	FD1001-039
232458	348	4.040	3.400	5.400	8.200	1.100	11.2	10.6	10.2	-5.0	427	B, C, M	.040	J10008-4040-5	FD1001-039
232472	364	4.125	3.400	5.400	8.200	1.100	11.6	11.0	10.5	-5.0	438	B, C	.125	J10008-4125-5	FD1018-039
170855	331	4.030	3.250	5.400	8.200	1.175	10.8	10.2	9.7	-5.0	451	B, C, M	.030	J10008-4030-5	FD1001-039
232473	347	4.125	3.250	5.400	8.200	1.175	11.1	10.6	10.1	-5.0	447	B, C, M	.125	J10008-4125-5	FD1018-039
TWISTED SERIES Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings															
194949	347	4.030	3.400	5.400	8.200	1.100	11.2	10.6	10.1	-5.0	438	M, B, C	.030	J10008-4030-5	FD1001-039
232460	348	4.040	3.400	5.400	8.200	1.100	11.2	10.7	10.2	-5.0	444	M, B, C	.040	J10008-4040-5	FD1001-039

351W STROKER HEAVY DUTY FLAT TOPS

351W STROKER Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							56cc	60cc	64cc						
188704	408	4.030	4.000	6.250	9.500	1.250	12.9	12.3	11.7	-5.0	438	C, M	.030	J10008-4030-5	FD1001-039
170232	408	4.030	4.000	6.200	9.480	1.280	12.9	12.3	11.7	-5.0	478	C	.030	J10008-4030-5	FD1001-039
232459	410	4.040	4.000	6.200	9.480	1.280	12.9	12.3	11.7	-5.0	481	C	.040	J10008-4040-5	FD1001-039
188704	408	4.030	4.100	6.200	9.500	1.250	13.2	12.6	12.0	-5.0	438	C, M	.030	J10008-4030-5	FD1001-039
9.500" DECK HEIGHT BIG BORE RACE BLOCKS Std Bore: 4.125 Ring package designed for: 1/16, 1/16, 3/16 Rings															
232474	428	4.125	4.000	6.200	9.480	1.280	13.5	12.8	12.2	-5.0	490	C	STD	J10008-4125-5	FD1018-039
338242	430	4.135	4.000	6.200	9.480	1.280	13.5	12.8	12.2	-5.0	499	C, M	.010	J100F8-4135-5	FD1018-039
338243	432	4.145	4.000	6.200	9.480	1.280	13.6	12.9	12.3	-5.0	501	C, M	.020	J100F8-4145-5	
338244	434	4.155	4.000	6.200	9.480	1.280	13.6	12.9	12.3	-5.0	506	C, M	.030	J100F8-4155-5	
207419	427	4.125	4.000	6.125	9.475	1.350	13.5	12.8	12.2	-5.0	491	C, M	STD	J100F8-4125-5	FD1018-039
207419	414	4.125	3.875	6.200	9.488	1.350	13.1	12.5	11.9	-5.0	491	C, M	STD	J100F8-4125-5	FD1018-039
207419	411	4.125	3.850	6.200	9.475	1.350	13.0	12.4	11.8	-5.0	491	C, M	STD	J100F8-4125-5	FD1018-039
207419	406	4.125	3.800	6.250	9.500	1.350	12.8	12.2	11.6	-5.0	491	C, M	STD	J100F8-4125-5	FD1018-039
207419	401	4.125	3.750	6.250	9.475	1.350	12.7	12.0	11.5	-5.0	491	C, M	STD	J100F8-4125-5	FD1018-039

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

302/331/347 HEAVY DUTY INVERTED DOME

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 56cc (Compression Ratio)	Head Cubic Centimeters 60cc (Compression Ratio)	Head Cubic Centimeters 64cc (Compression Ratio)	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
302 Series Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings															
131656	306	4.030	3.000	5.090	8.190	1.600	9.3	8.8	8.4	-11.0	518	D, M	.030	J10008-4030-5	FD1001-039
302 STROKER Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings															
170847	345	4.020	3.400	5.400	8.200	1.100	9.1	8.8	8.5	-22.0	418	B, C, M	.020	J10008-4020-5	FD1001-039
170848	347	4.030	3.400	5.400	8.200	1.100	9.1	8.8	8.5	-22.0	422	B, C	.030	J10008-4030-5	FD1001-039
232462	348	4.040	3.400	5.400	8.200	1.100	9.6	8.8	8.5	-22.0	432	B, C	.040	J100F8-4040-5	FD1001-039
293082	364	4.125	3.400	5.400	8.200	1.100	9.1	8.8	8.5	-26.0	461	B, C	.125	J100F8-4125-5	FD1018-039
314508	345	4.020	3.400	5.400	8.200	1.100	10.4	9.9	9.5	-10.1	420	T, M	.020	J10008-4020-5	FD1001-039
314509	347	4.030	3.400	5.400	8.200	1.100	10.4	9.9	9.5	-10.5	428	T, M	.030	J10008-4030-5	FD1001-039
314510	348	4.040	3.400	5.400	8.200	1.100	10.4	9.9	9.5	-10.9	436	T, M	.040	J10008-4040-5	FD1001-039
314511	364	4.125	3.400	5.400	8.200	1.100	10.4	9.9	9.5	-14.0	400	T, M	.125	J10008-4125-5	FD1018-039
170850	331	4.030	3.250	5.400	8.200	1.175	8.4	8.1	7.8	-26.5	435	B, C, M	.030	J10008-4030-5	FD1001-039
232463	333	4.040	3.250	5.400	8.200	1.175	8.8	8.5	8.2	-26.0	446	B, C, M	.040	J100F8-4040-5	FD1001-039
314512	330	4.020	3.250	5.400	8.200	1.175	10.4	9.9	9.5	-6.5	440	T, M	.020	J10008-4020-5	FD1001-039
314513	331	4.030	3.250	5.400	8.200	1.175	10.4	9.9	9.5	-6.8	446	T, M	.030	J10008-4030-5	FD1001-039
314514	333	4.040	3.250	5.400	8.200	1.175	10.4	9.9	9.5	-7.2	450	T, M	.040	J10008-4040-5	FD1001-039
314515	347	4.125	3.250	5.400	8.200	1.175	10.4	9.9	9.5	-10.2	465	T, M	.125	J10008-4125-5	FD1018-039
TWISTED SERIES Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings															
232470	347	4.030	3.400	5.400	8.200	1.100	10.4	9.9	9.5	-11.0	430	B, C, M	.030	J10008-4030-5	FD1001-039
232471	331	4.030	3.250	5.400	8.200	1.175	9.9	9.5	9.1	-11.0	439	B, C, M	.030	J10008-4030-5	FD1001-039

351W STROKER INVERTED DOME

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 56cc (Compression Ratio)	Head Cubic Centimeters 60cc (Compression Ratio)	Head Cubic Centimeters 64cc (Compression Ratio)	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
351 STROKER Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings															
194951	418	4.030	4.100	6.200	9.480	1.230	11.5	11.0	10.5	-17.0	437	B, C, M	.030	J10008-4030-5	FD1001-039
194951	408	4.030	4.000	6.250	9.480	1.230	11.2	10.7	10.3	-17.0	437	B, C, M	.030	J10008-4030-5	FD1001-039
170393	408	4.030	4.000	6.200	9.480	1.280	9.8	9.4	9.1	-30.0	452	B, C, M	.030	J10008-4030-5	FD1001-039
232464	410	4.040	4.000	6.200	9.480	1.280	9.8	9.4	9.1	-30.0	460	B, C, M	.040	J100F8-4040-5	FD1001-039
131656	393	4.030	3.850	5.956	9.480	1.600	11.6	11.1	10.6	-11.0	518	D, M	.030	J10008-4030-5	FD1001-039
351 TWISTED SERIES Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings															
194948	393	4.030	3.850	6.200	9.400	1.355	11.6	11.1	10.6	-11.0	496	C, M	.030	J10008-4030-5	FD1001-039
9.500" DECK HEIGHT BIG BORE RACE BLOCKS Std Bore: 4.125 Ring package designed for: 1/16, 1/16, 3/16 Rings															
207417	438	4.125	4.100	6.200	9.480	1.230	10.4	10.0	9.7	-30.0	464	B, C	STD	J100F8-4125-5	FD1018-039
338247	440	4.135	4.100	6.200	9.480	1.230	10.5	10.1	9.8	-30.0	463	B, C, M	.010	J100F8-4135-5	FD1018-039
338248	443	4.145	4.100	6.200	9.480	1.230	10.5	10.1	9.8	-30.0	467	B, C, M	.020	J100F8-4145-5	
338249	445	4.155	4.100	6.200	9.480	1.230	10.6	10.2	9.9	-30.0	471	B, C, M	.030	J100F8-4155-5	
207417	427	4.125	4.000	6.250	9.480	1.230	10.2	9.8	9.5	-30.0	464	B, C	STD	J100F8-4125-5	FD1018-039
338247	430	4.135	4.000	6.250	9.480	1.230	10.3	9.9	9.6	-30.0	463	B, C, M	.010	J100F8-4135-5	FD1018-039
338248	432	4.145	4.000	6.250	9.480	1.230	10.3	9.9	9.6	-30.0	467	B, C, M	.020	J100F8-4145-5	
338249	434	4.155	4.000	6.250	9.480	1.230	10.3	9.9	9.6	-30.0	471	B, C, M	.030	J100F8-4155-5	
207418	427	4.125	4.000	6.125	9.475	1.350	10.0	9.6	9.3	-32.0	481	C	STD	J100F8-4125-5	FD1018-039
207418	414	4.125	3.875	6.200	9.488	1.350	9.7	9.4	9.1	-32.0	481	C	STD	J100F8-4125-5	FD1018-039
207418	411	4.125	3.850	6.200	9.475	1.350	9.7	9.3	9.0	-32.0	481	C	STD	J100F8-4125-5	FD1018-039
207418	406	4.125	3.800	6.250	9.500	1.350	9.5	9.2	8.9	-32.0	481	C	STD	J100F8-4125-5	FD1018-039
207418	401	4.125	3.750	6.250	9.475	1.350	9.4	9.1	8.8	-32.0	481	C	STD	J100F8-4125-5	FD1018-039

302/351W BIG BORE DOME

302 8.200" DART®/SVO BLOCK Std Bore: 4.125 Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 56cc / Compression Ratio	60cc / Compression Ratio	64cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
207416	331	4.125	3.100	5.400	8.180	1.230	12.5	11.8	11.1	6.5	449		STD	J10008-4125-5	
338250	333	4.135	3.100	5.400	8.180	1.230	12.5	11.8	11.1	6.5	455	M	.010	J100F8-4135-5	
338251	335	4.145	3.100	5.400	8.180	1.230	12.6	11.9	11.2	6.5	458	M	.020	J100F8-4145-5	
338252	336	4.155	3.100	5.400	8.180	1.230	12.6	11.9	11.2	6.5	461	M	.030	J100F8-4155-5	
232477	347	4.125	3.250	5.400	8.200	1.175	13.1	12.3	11.6	6.5	443	B, S	STD	J10008-4125-5	
232475	364	4.125	3.400	5.400	8.200	1.100	13.6	12.8	12.1	6.5	432	B, S	STD	J10008-4125-5	
338254	365	4.135	3.400	5.400	8.200	1.100	13.7	12.9	12.2	6.5	441	B, S, M	.010	J100F8-4135-5	
338255	367	4.145	3.400	5.400	8.200	1.100	13.7	12.9	12.2	6.5	444	B, S, M	.020	J100F8-4145-5	
338256	369	4.155	3.400	5.400	8.200	1.100	13.8	13.0	12.3	6.5	448	B, S, M	.030	J100F8-4155-5	
351 9.500" DART®/SVO BLOCK Std Bore: 4.125 Ring package designed for: 1/16, 1/16, 3/16 Rings															
207416	438	4.125	4.100	6.200	9.480	1.230	16.2	15.3	14.4	6.5	449		STD	J10008-4125-5	
338250	440	4.135	4.100	6.200	9.480	1.230	16.2	15.3	14.4	6.5	455	M	.010	J100F8-4135-5	
338251	443	4.145	4.100	6.200	9.480	1.230	16.3	15.4	14.5	6.5	458	M	.020	J100F8-4145-5	
338252	445	4.155	4.100	6.200	9.480	1.230	16.4	15.5	14.6	6.5	461	M	.030	J100F8-4155-5	
207416	427	4.125	4.000	6.250	9.480	1.230	15.9	14.9	14.1	6.5	449		STD	J10008-4125-5	
338250	430	4.135	4.000	6.250	9.480	1.230	16.0	15.0	14.2	6.5	455	M	.010	J100F8-4135-5	
338251	432	4.145	4.000	6.250	9.480	1.230	16.0	15.0	14.2	6.5	458	M	.020	J100F8-4145-5	
338252	434	4.155	4.000	6.250	9.480	1.230	16.1	15.1	14.3	6.5	461	M	.030	J100F8-4155-5	
232476	428	4.125	4.000	6.200	9.480	1.280	15.9	14.9	14.1	6.5	465	S	STD	J10008-4125-5	

351 N HEAD GAS PORTED FLAT TOP

N-HEAD FLAT TOP Std Bore: 4.000 Ring package designed for: 1.2, 1.2, 3MM Rings															
173677	357	4.030	3.500	6.200	9.200	1.250	-	11.9	11.0	0.0	340	C, M	.030	J93008-4030-5	FD1001-039

FORD V6 ECOBOOST 2010-2017

These new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower forced induction engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm rings.

Features:
Accumulator Grooves
Offset Wrist Pin

Includes:
Pin #905-2250-18-51C (117g)
Round Wire Locks # 905-073-MW

V6 ECOBOOST Std Bore: 3.642 Ring package designed for: 1.0mm, 1.2mm, 2.8mm Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio	56cc / Compression Ratio		Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
315146	213	3.642	3.413	6.013	8.970	1.240		9.0		-8.6	384	T, M	STD	JG1001-3642	
315147	214	3.652	3.413	6.013	8.970	1.240		9.0		-8.9	387	T, M	.010	JG1001-3652	
315148	215	3.661	3.413	6.013	8.970	1.240		9.0		-9.3	387	T, M	.020	JG1001-3661	
367885	213	3.642	3.413	6.013	8.970	1.240		10.0		-0.5	401	Ultra	STD	JG6201-3640	
367886	214	3.648	3.413	6.013	8.970	1.240		10.0		-0.8	403	Ultra	0.005	JG6201-3650	
367887	215	3.652	3.413	6.013	8.970	1.240		10.0		-1.1	406	Ultra	0.01	JG6201-3650	
315149	213	3.642	3.413	6.013	8.970	1.240		10.0		-0.5	398	T, M	STD	JG1001-3642	
315150	214	3.652	3.413	6.013	8.970	1.240		10.0		-0.8	402	T, M	..010	JG1001-3652	
315151	215	3.661	3.413	6.013	8.970	1.240		10.0		-1.1	406	T, M	.020	JG1001-3661	




JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

FORD V6 ECOBOOST 2017+

These new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower forced induction engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm rings.

Features:
Accumulator Grooves
Offset Wrist Pin

Includes:
Pin #905-2250-18-51C (117g)
Round Wire Locks # 905-073-MW

V6 ECOBOOST Std Bore: 3.642 Ring package designed for: 1.0mm, 1.2mm, 2.8mm Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
								43.1cc							
360928	213	3.642	3.413	6.013	8.970	1.240		10.0		-12.5	385	T, M	STD	JG1001-3642	
360929	214	3.647	3.413	6.013	8.970	1.240		10.0		-12.7	387	T, M	.005	JG1001-3652	
360930	214	3.652	3.413	6.013	8.970	1.240		10.0		-12.9	390	T, M	.010	JG1001-3652	
360931	215	3.661	3.413	6.013	8.970	1.240		10.0		-13.1	392	T, M	.020	JG1001-3661	
360932	213	3.642	3.413	6.013	8.970	1.240		10.5		-9.1		T, M	STD	JG1001-3642	
360933	214	3.647	3.413	6.013	8.970	1.240		10.5		-9.3		T, M	.005	JG1001-3652	
360934	214	3.652	3.413	6.013	8.970	1.240		10.5		-9.4		T, M	.010	JG1001-3652	
360935	215	3.661	3.413	6.013	8.970	1.240		10.5		-9.7		T, M	.020	JG1001-3661	

FORD 2.3L ECOBOOST

These new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower forced induction engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm rings.

Features:
Accumulator Grooves
Offset Wrist Pin

Includes:
Pin #886-2250-18-51C
Round Wire Locks # 866-063-MW

2.3L ECOBOOST Std Bore: 3.445 Ring package designed for: 1.0mm, 1.2mm, 2.8mm Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
								53cc							
337924	129	3.445	3.701	5.875		1.299		9.5		-6.7	355	M	STD	JG1001-3445	
337925	131	3.465	3.701	5.875		1.299		9.5		-7.6	360	M	.020	JG1001-3465	
337926	132	3.485	3.701	5.875		1.299		9.5		-8.2	363	M	.040	JG1001-3484	

427/428 "FE" INVERTED DOME

427 INVERTED DOME Std Bore: 4.233 Ring package designed for: 1/16, 1/16, 3/16 Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							72cc	74cc	88cc						
242930	482	4.250	4.250	6.700	10.150	1.325	10.2	10.1	9.0	-25.0	537	E, M	.017	J100F8-4250-5	
242931	489	4.280	4.250	6.700	10.150	1.325	10.3	10.2	9.1	-25.0	521	E, M	.047	J100F8-4280-5	
242932	496	4.310	4.250	6.700	10.150	1.325	10.4	10.3	9.2	-25.0	531	E, M	.077	J100F8-4310-5	
162117	451	4.250	3.980	6.490	10.150	1.670	10.4	10.2	9.1	-16.0	598	P, W	.017	J10008-4250-5	
162116	429	4.250	3.780	6.490	10.150	1.770	10.4	10.2	9.0	-11.0	620	P	.017	J10008-4250-5	

427/428 "FE" FLAT TOP

427 FLAT TOP SERIES Std Bore: 4.233 Ring package designed for: 1/16, 1/16, 3/16 Rings

242933	482	4.250	4.250	6.700	10.150	1.325	12.3	12.1	10.6	-5.0	515		.017	J100F8-4250-5	
242934	489	4.280	4.250	6.700	10.150	1.325	12.5	12.3	10.8	-5.0	518	M	.047	J100F8-4280-5	
242935	496	4.310	4.250	6.700	10.150	1.325	12.7	12.5	11.0	-5.0	528	M	.077	J100F8-4310-5	

427/428 "FE" DOME

427 DOME SERIES Std Bore: 4.233 Ring package designed for: 1/16, 1/16, 3/16 Rings

168741	451	4.250	3.980	6.490	10.150	1.670	12.5	12.2	10.5	2.5	569	M, P, W	.017	J10008-4250-5	
168742	429	4.250	3.780	6.490	10.150	1.770	12.5	12.2	10.5	6.0	592	P	.017	J10008-4250-5	

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

460 FLAT TOP

460 FLAT TOPS Std Bore: 4.360 Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 74cc	80cc	94cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
170877	520	4.390	4.300	6.800	10.300	1.350	13.4	12.5	11.0	-3.0	585	E	.030	J10008-4390-5	FD1017-039
170878	532	4.440	4.300	6.800	10.300	1.350	13.6	12.7	11.2	-3.0	610	E	.080	J10008-4440-5	FD1017-039
338257	534	4.470	4.300	6.800	10.300	1.350	13.6	12.7	11.2	-3.0	627	E, M	.110	J100S8-4470-5	FD1017-039
170877	545	4.390	4.500	6.700	10.300	1.350	13.8	13.0	11.4	-3.0	585	E	.030	J10008-4390-5	FD1017-039
170878	557	4.440	4.500	6.700	10.300	1.350	14.1	13.3	11.6	-3.0	610	E	.080	J10008-4440-5	FD1017-039
338257	559	4.470	4.500	6.700	10.300	1.350	14.2	13.3	11.7	-3.0	627	E, M	.110	J100S8-4470-5	FD1017-039
131685	466	4.390	3.850	6.605	10.300	1.770	12.0	11.3	9.9	-3.0	659	F, M	.030	J10008-4390-5	FD1017-039
STROKER 460 FLAT TOPS FOR TFS A460 HEADS Std Bore: 4.360 Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters	72cc		Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
								Compression Ratio							
232445	532	4.440	4.300	6.800	10.300	1.350		13.4		-5.0	577	E	.080	J10008-4440-5	FD1017-039
232445	557	4.440	4.500	6.700	10.300	1.350		14.0		-5.0	577	E	.080	J10008-4440-5	FD1017-039
STROKER 460 FLAT TOPS FOR M-6049-SCJ HEADS Std Bore: 4.360 Ring package designed for: 1/16, 1/16, 3/16 Rings															
257665	520	4.390	4.300	6.800	10.300	1.350		13.2		-5.0	551	E	.030	J100F8-4390-5	
257666	532	4.440	4.300	6.800	10.300	1.350		13.4		-5.0	572	E, M	.080	J100F8-4440-5	
257667	547	4.500	4.300	6.800	10.300	1.350		13.7		-5.0	593	E, M	.140	J100F8-4500-5	
257665	545	4.390	4.500	6.700	10.300	1.350		13.7		-5.0	551	E	.030	J100F8-4390-5	
257666	557	4.440	4.500	6.700	10.300	1.350		14.0		-5.0	572	E, M	.080	J100F8-4440-5	
257667	573	4.500	4.500	6.700	10.300	1.350		14.3		-5.0	593	E, M	.140	J100F8-4500-5	

460 INVERTED DOME

460 INVERTED DOME Std Bore: 4.360 Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 74cc	80cc	94cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
170879	520	4.390	4.300	6.800	10.300	1.350	9.7	9.3	8.5	-39.0	568	E	.030	J10008-4390-5	FD1017-039
170880	532	4.440	4.300	6.800	10.300	1.350	9.9	9.5	8.6	-39.0	596	E	.080	J10008-4440-5	FD1017-039
338259	534	4.470	4.300	6.800	10.300	1.350	9.9	9.5	8.6	-39.0	599	E, M	.110	J100S8-4470-5	FD1017-039
170879	545	4.390	4.500	6.700	10.300	1.350	10.1	9.6	8.8	-39.0	568	E	.030	J10008-4390-5	FD1017-039
170880	557	4.440	4.500	6.700	10.300	1.350	10.3	9.8	9.0	-39.0	596	E	.080	J10008-4440-5	FD1017-039
338259	559	4.470	4.500	6.700	10.300	1.350	10.3	9.9	9.0	-39.0	599	E, M	.110	J100S8-4470-5	FD1017-039
170882	532	4.440	4.300	6.600	10.300	1.545	9.9	9.5	8.6	-39.0	626	F, L	.080	J10008-4440-5	FD1017-039
STROKER 460 INVERTED DOME FOR M-6049 - SCJ HEADS Std Bore: 4.360 Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters	72cc		Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
								Compression Ratio							
257668	520	4.390	4.300	6.800	10.300	1.350		9.8		-39.0	582	E, M	.030	J100F8-4390-5	FD1017-039
257669	532	4.440	4.300	6.800	10.300	1.350		10.0		-39.0	590	E, M	.080	J100F8-4440-5	FD1017-039
257668	545	4.390	4.500	6.700	10.300	1.350		10.2		-39.0	582	E, M	.030	J100F8-4390-5	FD1017-039
257669	557	4.440	4.500	6.700	10.300	1.350		10.4		-39.0	590	E, M	.080	J100F8-4440-5	FD1017-039

PINTO/MINI STOCK FLAT TOP

MINI STOCK DELIGHT Std Bore: 3.780 Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters	52cc		Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
								Compression Ratio							
118558	142	3.810	3.126	5.700	8.353	1.090		9.0		-2.0	341	B, C, M	.030	J10001-3810-5	FD1004-039
118560	143	3.820	3.126	5.700	8.353	1.090		9.0		-2.0	349	B, C	.040	J100F1-3820-5	FD1004-039

MOPAR

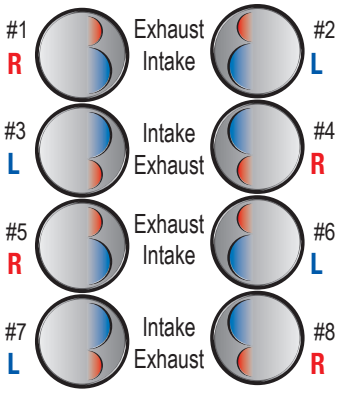
The Chrysler engine family has a rich history of innovation and performance both on and off the racetrack. Chrysler's modern V8 engines appeared as early as 1951 with the introduction of the 331 Hemi. Since that time many factory and aftermarket variations of the engines have appeared in street, strip and high-performance racecars all over the world.

Chrysler has produced two types of small block V8 engines; the "A" series from 1956-66 and the "LA" series from 1964 to the present of which the current Magnum engines are a derivative. JE flat top and inverted dome pistons work well with both of these engine families and with the help of the compression ratio formula listed you can determine what piston style best suits your needs. Later versions of the "LA" series like the 340 often have positive deck heights (where the piston protrudes out of the block) so extreme care should be taken to inspect piston to cylinder head clearance as shown on the tech page of this catalog.

Big Block Chryslers can also be separated into two categories, the "B" and the "RB". The difference in these two engine types is cylinder block deck height with the "B" group comprised of the 383, the 400 and others at 9.980" deck, and the "RB" group including the 426 and the 440 at 10.725" deck. Use the compression height formula on the tech page of this catalog to determine which JE shelf piston is appropriate for your application. Big Block Chrysler cylinder heads come in two basic configurations, closed chamber and open chamber. Closed chamber heads were used in all engines dated 1967 and earlier and possess a 78.5cc combustion chamber. Open chamber heads were used from 1968 onwards and have 88cc combustion chambers. All JE 400/440 Wedge pistons, both domed and flat tops, are designed to accommodate either cylinder head type.

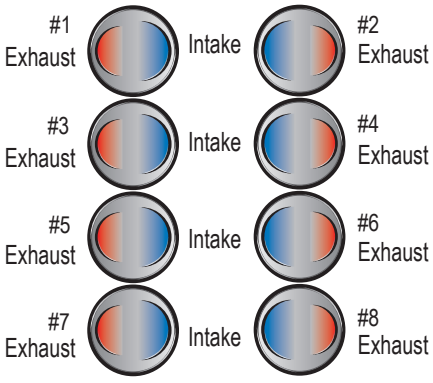
REMEMBER; check all clearances during assembly as shown in the diagrams below and on the tech page of this catalog. If you have questions regarding the head chamber details on your particular cylinder head JE suggests that you contact the cylinder head manufacturer directly.

FRONT OF ENGINE



Lefts & Rights (except Hemi)

FRONT OF ENGINE



Hemi

6.2L HEMI GEN 3 HELLCAT

These new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower forced induction engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm rings.

Features:
Accumulator Grooves
Offset Wrist Pin

Includes:
Pin #905-2250-18-51C (117g)
Round Wire Locks # 905-073-MW

GEN 3 6.2L HELLCAT SERIES Std Bore: 4.090 Pin Dia: .927" Ring package designed for: 1.5mm, 1.5mm, 2.5mm Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
								72cc							
								Compression Ratio							
367213	376	4.090	3.579	6.200	9.278	1.280		9.5		-7.7	456		STD	JG6108-4095-0	
367214	377	4.095	3.579	6.200	9.278	1.280		9.5		-7.9	459		.005	JG6108-4095-0	
367215	378	4.100	3.579	6.200	9.278	1.280		9.5		-8.1	462		.010	JG6108-4104-0	

6.4L HEMI GEN 3 APACHE

GEN 3 6.4L HEMI SERIES Std Bore: 4.090 Pin Dia: .927" Ring package designed for: 1.5mm, 1.5mm, 2.5mm Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
								74cc							
								Compression Ratio							
367216	391	4.090	3.724	6.200	9.278	1.210		10.0		-4.8	442		STD	JG6108-4095-0	
367217	392	4.095	3.724	6.200	9.278	1.210		10.0		-5.0	442		.005	JG6108-4095-0	
367218	393	4.100	3.724	6.200	9.278	1.210		10.0		-5.2	442		.010	JG6108-4104-0	
367219	391	4.090	3.724	6.200	9.278	1.210		11.0		4.1	442		STD	JG6108-4095-0	
367220	392	4.095	3.724	6.200	9.278	1.210		11.0		3.9	442		.005	JG6108-4095-0	
367221	393	4.100	3.724	6.200	9.278	1.210		11.0		3.8	442		.010	JG6108-4104-0	

440 INVERTED DOME

440 SERIES Std Bore: 4.320 Ring package designed for: 1/16, 1/16, 3/16 Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							73cc	80cc	90cc						
							Compression Ratio								
232452	493	4.350	4.150	6.766	10.690	1.858	10.0	9.5	8.8	-28.9	714	E	.030	J10008-4350-5	CR1002-039
232453	499	4.375	4.150	6.766	10.690	1.858	10.1	9.6	8.9	-30.1	725	E	.055	J10008-4375-5	CR1003-039
232456	446	4.350	3.750	6.766	10.699	2.058	10.0	9.4	8.7	-18.1	745	E	.030	J10008-4350-5	CR1002-039

400 / 440 WEDGE FLAT TOP

400 SERIES Std Bore: 4.342 Ring package designed for: 1/16, 1/16, 3/16 Rings

213460	499	4.375	4.150	6.766	9.954	1.113	12.5	11.7	10.7	-5.0	481	E	.033	J10008-4375-5	CR1003-039

400 SERIES Std Bore: 4.320 Ring package designed for: 1/16, 1/16, 3/16 Rings

213462	493	4.350	4.150	6.766	10.699	1.858	12.5	11.7	10.7	-5.0	612	E, M	.030	J10008-4350-5	CR1002-039
213463	499	4.375	4.150	6.766	10.699	1.858	12.5	11.7	10.7	-5.0	625	E, M	.055	J10008-4375-5	CR1003-039
213466	446	4.350	3.750	6.766	10.699	2.058	11.5	10.7	9.8	-5.0	640	H	.030	J10008-4350-5	CR1002-039
213467	446	4.350	3.750	6.766	10.699	2.058	11.5	10.7	9.8	-5.0	653	E, M	.030	J10008-4350-5	CR1002-039

440 WEDGE DOME

440 SERIES Std Bore: 4.320 Ring package designed for: 1/16, 1/16, 3/16 Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							73cc	80cc	90cc						
							Compression Ratio								
213683	493	4.350	4.150	6.766	10.699	1.858	15.0	13.7	12.3	11.0	614	E, M	.030	J10008-4350-5	CR1002-039
213684	446	4.350	3.750	6.766	10.699	2.058	13.6	12.5	11.2	11.0	645	H, M	.030	J10008-4350-5	CR1002-039

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

S/B CHRYSLER FLAT TOP

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 60cc	65cc	70cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
340 SERIES Std Bore: 4.040 Ring package designed for: 1/16, 1/16, 3/16 Rings															
207421	416	4.070	4.000	6.125	9.585	1.460	12.3	11.6	10.9	-6.8	489	M	.030	J100F8-4070-5	CR1001-039
360 SERIES Std Bore: 4.040 Ring package designed for: 1/16, 1/16, 3/16 Rings															
207423	408	4.030	4.000	6.125	9.585	1.460	12.0	11.4	10.6	-6.8	476	M	.030	J100F8-4030-5	CR1000-039

S/B CHRYSLER INVERTED DOME

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 60cc	65cc	70cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
340 SERIES Std Bore: 4.040 Ring package designed for: 1/16, 1/16, 3/16 Rings															
207422	416	4.070	4.000	6.125	9.585	1.460	10.3	9.8	9.5	-21.5	480	M	.030	J100F8-4070-5	CR1001-039
360 SERIES Std Bore: 4.040 Ring package designed for: 1/16, 1/16, 3/16 Rings															
207420	408	4.030	4.000	6.125	9.585	1.460	10.3	9.8	9.5	-20.0	471	M	.030	J100F8-4030-5	CR1000-039

426 HEMI

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 168cc		174cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
426 SERIES (4032 ALUMINUM ALLOY) Std Bore: 4.250 Ring package designed for: 5/64, 5/64, 3/16 Rings (Except 232517)															
232517	528	4.500	4.150	6.860		1.795	10.4	-	10.0	62.0	895	M	.250	J10008-4500-5	
131850	426	4.255	3.750	6.860		1.955	10.7	-	10.1	88.0	829		.005	JP00F8-4250-5	CR1006-039
118758	431	4.280	3.750	6.860		1.955	10.8	-	10.2	88.0	830		.030	JP00F8-4280-5	CR1006-039
118759	433	4.290	3.750	6.860		1.955	10.8	-	10.2	88.0	841		.040	JP00F8-4290-5	CR1006-039
426 SERIES (2618 ALUMINUM) Std Bore: 4.250 Ring package designed for: 1/16, 1/16, 3/16 Rings															
131834	472	4.255	4.150	6.860		1.765	11.7	-	11.1	98.0	777	M	.005	J10008-4250-5	CR1006-039

TOP FUEL

TOP FUEL SERIES

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Top Ring Set Recommended	Pro Seal Head Gasket
207486		4.187				1.630					784			J14185-5-017HPD	
207487		4.187				1.660					799			J14185-5-017HPD	
207488		4.187				1.690					807			J14185-5-017HPD	
207489		4.187				1.720					814			J14185-5-017HPD	

BLOWN ALCOHOL

BLOWN ALCOHOL SERIES

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
178003		4.310				1.612					773			J890F8-4310-5	

BUICK GRAND NATIONAL

BUICK GRAND NATIONAL SERIES Std Bore: 3.800 Ring package designed for: 1/16, 1/16, 3/16 Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
								48cc							
312982	233	3.810	3.400	5.960	9.510	1.850		8.5		-28.6	536	T, M	.010	J10006-3810-5	
312983	233	3.815	3.400	5.960	9.510	1.850		8.5		-28.9	538	T, M	.015	J10006-3810-5	
131556	234	3.820	3.400	5.960	9.510	1.850		8.5		-29.5	541	T	.020	J100F6-3820-5	
131557	235	3.830	3.400	5.960	9.510	1.850		8.5		-29.5	542	T	.030	J100F6-3830-5	
338260	236	3.840	3.400	5.960	9.510	1.850		8.5		-29.5	560	T, M	.040	J100F6-3840-5	

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

NHRA APPROVED STOCK ELIMINATOR

Designed to be used in the NHRA Stock Eliminator class, these pistons are also IHRA accepted. They are specially marked with the required NHRA logo and the JE part number on the top of the piston. **These pistons are made to order in bore sizes up to +.070" and with factory specification ring grooves only, as mandated by NHRA rules. Wrist pins or rings are not included and please allow for moderate lead times when ordering.**

Part #	Model	Year	Horsepower	Displacement
223854	AMC	69	315	390
166082	AMC	'70	325	390
304205	Chrysler	60-'75		225
304205	Chrysler	76-'87		225
155776	Chrysler	'64 -'69	180	273
136627	Chrysler	'68 -'71	275 - 290	340
148623	Chrysler	'72 -'73	240	340
298267	Chrysler	09-'10	Drag Pak	345
138213	Chrysler	72-'93	All	360
186389	Chrysler	'93 -'99	All	360
298268	Chrysler	2009	385 Drag Pak	370
161961	Chrysler All 488	'98 -'99	All	488
101619	Chrysler	'62	410	413
2303	Chrysler	'63	415	426W
106493	Chrysler	'64	415	426W
2302	Chrysler	'63 -'64	425	426W
1599	Chrysler	'66 -'71	Street Hemi	426H
172450	Chrysler	'66 -'70	6-Pack	440
138939	Chrysler	'70 -'72	6-pack	440
141602	Ford	'87 -'93	All	302
291583	Ford	'70 -'72	All Flat Top	351C
297347	Ford	2010	285 CJ	352
137691	Ford '66 -'70 All 4 - BBL 390		All 4-BBL	390
8043	Ford 335 428	'68 -'70	335	428
277958	Ford	64	410-425 Hi Riser Only	427
277958	Ford	66-67	425	427
143290	Ford	'67	Flat Top Shelby	428
129775	Ford	'68	Flat Top Shelby	428
297348	Ford	2010	375 CJ	428
3977	Ford	'69 -'71	370 - 375	429
103623	Ford	73-'74	all 4bbl	351
187617	Chevrolet	94-'00	All	135
139757	Chevrolet	'80 -'84	All	229
143824	Chevrolet	'62 -'70	All	230
150052	Chevrolet	95-'02	200	231
123567	Chevrolet	'67 -'69	290	302
150953	Chevrolet	'85 -'95	All Flat Top	262
167913	Chevrolet	90-'98	Vortech	262
143824	Chevrolet	'57 -'67	All Flat Top	283

Part #	Model	Year	Horsepower	Displacement
139757	Chevrolet	'76 -'86	All Dished	305
143825	Chevrolet	'83 -'92	All Flat Top	305
281834	Chevrolet	87-'91	All Dished	305
138076	Chevrolet	'62 -'69	210 - 250 -275 - 300	327
170774	Chevrolet	'65 -'68	325 - 350	327
139904	Chevrolet	'67 -'70	250 - 255 - 297 - 300	350
161757	Chevrolet	'71 -'72	175 - 270	350
274451	Chevrolet	'73 -'81	All Except "Hi-Perf"	350
150953	Chevrolet	86	Truck	350
295643	Chevrolet	'98 -'00	LS1	346
299574	Chevrolet	86-'89	All Dish	350
290397	Chevrolet	'90 -'98	LT1 Flat Top	350
305290	Chevrolet	05-'06	400	364
305291	Chevrolet	05-'06	400	364
134757	Chevrolet	'66 -'69	325 - 360	396
281076	Chevrolet	67	375	396
274519	Chevrolet	65-'69	375	396
145569	Chevrolet	'71 -'72	210 - 300	402
134757	Chevrolet	'70	330 - 350	402
300967	Chevrolet	'70	375	402
142474	Chevrolet	66-'67	390 - 400	427
294258	Chevrolet	'66 -'69	425	427
265052	Chevrolet	69	430	427
211401	Chevrolet	70	450	454
274134	Chevrolet All Flat Top 454	'71 -'76	All Flat Top	454
141416	Chevrolet	'71	425	454
130636	Buick	'78 -'87	Turbo	231
181379	Buick	'89	Turbo	231
150052	Buick	'93 -'00	All	231
117961	Buick	'70	350 - 360	455
191257	Buick	71'-76	All	455
154251	Oldsmobile	'80 -'89	138 - 180	307
278567	Pontiac	60-66	All	389
295647	Pontiac	'67 -'79	All	400
146348	Pontiac	'70 -'74	All Except "Super Duty"	455

NASCAR CANADIAN TIRE SERIES

- Approved by NASCAR for use in competition
- 2618 High Strength Alloy
- Includes Carbon Steel Wrist Pins and Double Spiro Locks
- Precision CNC Machined Ring Grooves accept 1/16, 1/16, 3/16 Rings (sold separately)
- 927-2500-15-51S (118G)
- 912-2500-14-51S (111G)

NASCAR CANADIAN TIRE SERIES

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Block Height	Comp. Distance	Head Cubic Centimeters 60cc	62cc	64cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							Compression Ratio								
SMALL BLOCK CHEVY ** USE 265258 For all other bore sizes from 4.000 - 4.060 (Made to Order)															
253732	355	4.030	3.480	5.700	8.990	1.550	10.1:1	9.9:1	9.7:1	-11.0	488	C, M	.030	J10008-4030-5	GM1002-039
265088	357	4.040	3.480	5.700	8.990	1.550	10.1:1	9.9:1	9.7:1	-11.0	494	C, M	.040	J10008-4040-5	GM1002-039
265089	360	4.060	3.480	5.700	8.990	1.550	10.2:1	10.0:1	9.8:1	-11.0	498	C, M	.060	J10008-4060-5	GM1002-039
265258		**	3.480	5.700	8.990	1.550				-11.0		C			GM1002-039
SMALL BLOCK FORD ** USE 265259 For all other bore sizes from 4.000 - 4.060 (Made to Order)															
253729	357	4.030	3.500	5.956	9.475	1.769	9.8	9.6	9.4	-14.0	530	D, M	.030	J10008-4030-5	FD1001-039
265105	362	4.060	3.500	5.956	9.475	1.769	9.9	9.7	9.5	-14.0	530	D, M	.060	J10008-4060-5	FD1001-039
265106	357	4.030	3.500	6.000	9.475	1.724	9.8	9.6	9.4	-14.0	510	C, M	.030	J10008-4030-5	FD1001-039
265107	362	4.060	3.500	6.000	9.475	1.724	9.9	9.7	9.5	-14.0	522	C, M	.060	J10008-4060-5	FD1001-039
265259		**	3.500	EITHER	9.475	EITHER				-14.0		M			FD1001-039
CHRYSLER W-2 ** USE 265251 For all other bore sizes from 4.000 - 4.060 (Made to Order)															
265092	365	4.030	3.580	6.125	9.580	1.665	10.4	10.1	9.9	-11.0	520	C, M	.030	J10008-4030-5	CR1000-039
253733	367	4.040	3.580	6.125	9.580	1.665	10.4	10.2	10.0	-11.0	501	C, M	.040	J10008-4040-5	CR1000-039
265093	371	4.060	3.580	6.125	9.580	1.665	10.5	10.2	10.0	-11.0	510	C, M	.060	J10008-4060-5	CR1000-039
265251		**	3.580	6.125	9.580	1.665				-11.0		M			CR1000-039

JE Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **BL** - Boostline Combo Kits Available; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **Ultra** - Ultra Series Pistons

THE SRP DIFFERENCE

SRP	SRP PRO	SRP PRO 2618
• Durable 4032 alloy	• Durable 4032 alloy	• 2618 alloy for maximum strength
• Round style forging with forged side relief	• Advanced FSR forging design increases strength	• Advanced FSR forging design increases strength
• Perfect for street/strip applications	• 1.2mm/1.5mm/3.00mm carbon steel ring pack included	• Perfect for boosted and nitrous applications
• Forced pin oiling for improved pin lubrication	• High-quality narrow wrist pin reduces weight	• 1.2mm/1.5mm/3.00mm carbon steel ring pack included
• Made in the USA by JE Pistons	• Accumulator grooves for improved ring seal	• High quality narrow wrist pin reduces weight
	• High-performance skirt coating	• Accumulator grooves for improved ring seal
	• Made in the USA by JE Pistons	• High-performance skirt coating
		• Made in the USA by JE Pistons

SRP PROFESSIONAL

NEW: SRP Pro 2618 series pistons bridge the gap between strength and affordability. Offered for a wide variety of engine applications in popular bore and stroke dimensions, this piston series provides the outstanding durability of 2618 aluminum alloy at a price that won't break the bank.

SRP Pistons is proud to offer a high tech addition to our very popular product line. SRP Professional pistons include features used in professional racing such as lightweight forged side relief (FSR) forgings, high quality wrist pins, and precision CNC machined ring grooves and skirts. In addition, every package includes JE Pro Seal Premium Piston Rings. The included ring set features a 1.2 premium steel top ring, 1.5mm Napier (hooked face) second ring and 3.0mm standard tension oil ring. Every piston is designed and manufactured in the USA at the advanced JE/SRP Pistons manufacturing center.

The development of SRP Professional took place over the course of an entire year. The piston designs were created using 3D computer modeling and tested for strength using Finite Element Analysis (FEA). Several revisions were made to optimize the strength and weight before manufacturing began. Unlike other piston manufacturers, JE/SRP Pistons manufacture billet pistons from solid pucks of aluminum for dyno testing in actual engines prior to approving the final forging designs. This gives us the opportunity to make small adjustments to the design to improve performance and strength prior to adding them to our catalog.

LS LR4/LY2 4.8L VORTEC 4800

Advanced, lightweight FSR forging that eliminates stress concentrations for superior strength. Stronger than traditional designs but up to 20% lighter.

Features:
Accumulator grooves for improved ring seal
Thick top ring lands to accommodate moderate forced induction/nitrous applications

Rings Included:
Lightweight, low friction metric ring package
1.2mm top ring, 1.2mm 2nd ring, 2.5mm oil ring
Minimal filing required

Pins and Locks:
High quality 2.250" pin further reduces reciprocating weight
Carbon steel wire locks included

PROFESSIONAL SERIES DOME & INVERTED DOME Std Bore: 3.780 Ring package designed for: 1.2mm, 1.2mm, 2.5mm Premium Rings Included

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 61cc (Compression Ratio)	Head Cubic Centimeters 64cc (Compression Ratio)	Head Cubic Centimeters 68cc (Compression Ratio)	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
315548	293	3.780	3.268	6.278	1.314	9.0	8.7	8.3	-4.4	380	2618, K, M	STD	SWN30131-2	GM1015-051
315549	293	3.780	3.268	6.278	1.314	10.5	10.1	9.6	7.5	383	2618, K, M	STD	SWN30131-2	GM1015-051
315550	295	3.790	3.268	6.278	1.314	9.0	8.7	8.3	-4.7	401	2618, K, M	.010	JC2806-3789	GM1015-051
315551	295	3.790	3.268	6.278	1.314	10.5	10.1	9.6	7.2	403	2618, K, M	.010	JC2806-3789	GM1015-051
366435	312	3.898	3.268	6.278	1.314	9.0	8.7	8.3	-7.7	423	2618, K, M	STD	JG6001-3905	GM1015-051
366436	312	3.898	3.268	6.278	1.314	10.5	10.1	9.6	4.9	440	2618, K, M	STD	JG6001-3905	GM1015-051
366437	313	3.905	3.268	6.278	1.314	9.0	8.7	8.3	-8.0	425	2618, K, M	.010	JG6001-3905	GM1015-051
366438	313	3.905	3.268	6.278	1.314	10.5	10.1	9.6	4.6	0	2618, K, M	.010	JG6001-3905	GM1015-051

LS GEN III & GEN IV 5.3L VORTEC 5300

Advanced, lightweight FSR forging that eliminates stress concentrations for superior strength. Stronger than traditional designs but up to 20% lighter.

Features:
Accumulator grooves for improved ring seal
Thick top ring lands to accommodate moderate forced induction/nitrous applications

Rings Included:
Lightweight, low friction metric ring package
1.2mm top ring, 1.2mm 2nd ring, 2.5mm oil ring
Minimal filing required

Pins and Locks:
High quality 2.250" pin further reduces reciprocating weight
Carbon steel wire locks included

PROFESSIONAL SERIES DOME & INVERTED DOME Std Bore: 3.780 Ring package designed for: 1.2mm, 1.2mm, 2.5mm Premium Rings Included

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 61cc (Compression Ratio)	Head Cubic Centimeters 64cc (Compression Ratio)	Head Cubic Centimeters 68cc (Compression Ratio)	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
315552	325	3.780	3.622	6.098	1.314	9.0	8.7	8.4	-12.5	370	2618, K, M	STD	SWN30131-2	GM1015-051
315553	325	3.780	3.622	6.098	1.314	10.5	10.1	9.6	0.6	372	2618, K, M	STD	SWN30131-2	GM1015-051
315554	327	3.790	3.622	6.098	1.314	9.0	8.7	8.4	-12.9	380	2618, K, M	.010	JC2806-3789	GM1015-051
315555	327	3.790	3.622	6.098	1.314	10.5	10.1	9.6	-3.0	382	2618, K, M	.010	JC2806-3789	GM1015-051
341110	325	3.780	3.622	6.125	1.304	9.0	8.7	8.4	-14.3	387	2618, C, M	STD	SWN30131-2	GM1015-051
341113	325	3.780	3.622	6.125	1.304	10.5	10.1	9.6	-1.2	387	2618, C, M	STD	SWN30131-2	GM1015-051
341112	327	3.790	3.622	6.125	1.304	9.0	8.7	8.4	-14.7	390	2618, C, M	.010	JC2806-3789	GM1015-051
341114	327	3.790	3.622	6.125	1.304	10.5	10.1	9.6	-1.5	394	2618, C, M	.010	JC2806-3789	GM1015-051
366440	346	3.898	3.622	6.098	1.314	9.0	8.7	8.4	-17.2	413	2618, K, M	STD	JG6001-3905	GM1015-051
366441	346	3.898	3.622	6.098	1.314	10.5	10.1	9.6	-3.2		2618, K, M	STD	JG6001-3905	GM1015-051
366442	347	3.905	3.622	6.098	1.314	9.0	8.7	8.4	-17.5	416	2618, K, M	.010	JG6001-3905	GM1015-051
366443	347	3.905	3.622	6.098	1.314	10.5	10.1	9.6	-3.4		2618, K, M	.010	JG6001-3905	GM1015-051
366444	346	3.898	3.622	6.125	1.294	9.0	8.7	8.4	-17.2		2618, C, M	STD	JG6001-3905	GM1015-051
366445	346	3.898	3.622	6.125	1.294	10.5	10.1	9.6	-3.2		2618, C, M	STD	JG6001-3905	GM1015-051
366446	347	3.905	3.622	6.125	1.294	9.0	8.7	8.4	-17.5		2618, C, M	.010	JG6001-3905	GM1015-051
366447	347	3.905	3.622	6.125	1.294	10.5	10.1	9.6	-3.4		2618, C, M	.010	JG6001-3905	GM1015-051

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

LS GEN III LS1

Advanced, lightweight FSR forging that eliminates stress concentrations for superior strength. Stronger than traditional designs but up to 20% lighter.

Features:
Accumulator grooves for improved ring seal
Thick top ring lands to accommodate moderate forced induction/nitrous applications

Rings Included:
Lightweight, low friction metric ring package
1.2mm top ring, 1.2mm 2nd ring, 2.5mm oil ring
Minimal filing required

Pins and Locks:
High quality 2.250" pin further reduces reciprocating weight
Carbon steel wire locks included

PROFESSIONAL SERIES DOME & INVERTED DOME Std Bore: 3.898 Ring package designed for: 1.2mm, 1.2mm, 2.5mm Premium Rings Included

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 64cc	66cc	72cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						Compression Ratio								
366444	346	3.898	3.622	6.125	1.294	8.7	8.5	8.1	-17.2		2618, C, M	STD	JG6001-3905	GM1015-051
366445	346	3.898	3.622	6.125	1.294	10.1	10.0	9.3	-3.2		2618, C, M	STD	JG6001-3905	GM1015-051
366446	347	3.905	3.622	6.125	1.294	8.7	8.5	8.1	-17.5		2618, C, M	.010	JG6001-3905	GM1015-051
366447	347	3.905	3.622	6.125	1.294	10.1	10.0	9.3	-3.4		2618, C, M	.010	JG6001-3905	GM1015-051
288003	364	4.000	3.622	6.125	1.315	9.6	9.4	8.8	-14.3	430	C,M		JG3101-4000-7	GM1016-051
288004	365	4.005	3.622	6.125	1.315	9.6	9.4	8.9	-14.3	430	C,M		JG3101-4000-7	GM1016-051
329355	366	4.010	3.622	6.125	1.315	9.6	9.4	8.9	-14.4	430	C		JG3101-4010-4	GM1016-051
288005	370	4.030	3.622	6.125	1.315	9.6	9.4	8.8	-15.5	436	C,M		JG31F1-4030-2	GM1016-051
360997	364	4.000	3.622	6.125	1.315	9.6	9.4	8.8	-14.3	427	2618, C, M		JG3101-4000-7	GM1016-051
360998	365	4.005	3.622	6.125	1.315	9.6	9.4	8.9	-14.3	428	2618, C, M		JG3101-4000-7	GM1016-051
360999	366	4.010	3.622	6.125	1.315	9.6	9.4	8.9	-14.4	430	2618, C, M		JG3101-4010-4	GM1016-051
361000	370	4.030	3.622	6.125	1.315	9.6	9.4	8.8	-15.5	437	2618, C, M		JG31F1-4030-2	GM1016-051
372190	383	3.905	4.000	6.125	1.110	11.0	10.8	10.2	-4.0		2618, C, M	.010	JG6008-3905	GM1015-051
372191	383	3.905	4.000	6.125	1.110	10.7	10.5	9.9	-6.0		2618, C, M	.010	JG6008-3905	GM1015-051
329358	402	4.000	4.000	6.125	1.115	11.0	10.7	10.1	-10.0	398	B		JG3101-4000-7	GM1016-051
271100	403	4.005	4.000	6.125	1.115	11.0	10.7	10.1	-10.0	399	B		JG3101-4000-7	GM1016-051
329359	404	4.010	4.000	6.125	1.115	11.0	10.7	10.1	-10.0	405	B		JG3101-4010-4	GM1016-051
271102	408	4.030	4.000	6.125	1.115	11.1	10.8	10.2	-10.0	406	B		JG31F1-4030-2	GM1016-051
361004	402	4.000	4.000	6.125	1.115	11.0	10.7	10.1	-10.0	398	2618, B, M		JG3101-4000-7	GM1016-051
361005	403	4.005	4.000	6.125	1.115	11.0	10.7	10.1	-10.0	399	2618, B, M		JG3101-4000-7	GM1016-051
361006	404	4.010	4.000	6.125	1.115	11.0	10.7	10.1	-10.0	405	2618, B, M		JG3101-4010-4	GM1016-051
361007	408	4.030	4.000	6.125	1.115	11.1	10.8	10.2	-10.0	406	2618, B, M		JG31F1-4030-2	GM1016-051
372192	395	3.905	4.125	6.125	1.050	11.3	11.1	10.4	-4.0		2618, C, M	.010	JG6008-3905	GM1015-051
372193	395	3.905	4.125	6.125	1.050	10.0	9.8	9.2	-16.0		2618, C, M	.010	JG6008-3905	GM1015-051
372203	416	4.005	4.125	6.125	1.050				-5.0		C, M		JG3108-4000-7	GM1016-051
372204	416	4.005	4.125	6.125	1.050	10.4	10.2	9.6	-16.0		C, M		JG3108-4000-7	GM1016-051
372205	421	4.030	4.125	6.125	1.050				-5.0		C, M		JG31F8-4030-2	GM1016-051
372206	421	4.030	4.125	6.125	1.050	10.5	10.3	9.7	-16.0		C, M		JG31F8-4030-2	GM1016-051

12° & 15° COMBO LS2 / LS3 / LS6 / L92 DOME

Advanced, lightweight FSR forging that eliminates stress concentrations for superior strength. Stronger than traditional designs but up to 20% lighter.

Features:
Accumulator grooves for improved ring seal
Thick top ring lands to accommodate moderate forced induction/nitrous applications

Rings Included:
Lightweight, low friction metric ring package
1.2mm CARBON STEEL top ring, 1.5mm Napier 2nd ring, 3.0mm standard tension oil ring
Minimal filing required

Pins and Locks:
High quality 2.250" pin further reduces reciprocating weight
Carbon steel wire locks included

PROFESSIONAL SERIES DOME Std Bore: 4.000 Ring package designed for: 1.2mm, 1.2mm, 2.5mm Premium Rings Included

383041	364	4.000	3.622	6.125	1.304	12.5	12.2	11.3	8.1		2618	STD LS2	JG3101-4000-7	GM1016-051
383042	365	4.005	3.622	6.125	1.304	12.5	12.2	11.3	8.1		2618	.005	JG3101-4000-7	GM1016-051
383043	366	4.010	3.622	6.125	1.304	12.5	12.2	11.3	8.1		2618	.005	JG3101-4010-4	GM1016-051
383044	376	4.065	3.622	6.125	1.304	12.9	12.5	11.6	8.0		2618	STD LS3	JG31F1-4070-0	GM1006-051
383045	377	4.070	3.622	6.125	1.304	12.9	12.5	11.6	8.0		2618	.005	JG31F1-4070-0	GM1006-051
383046	378	4.075	3.622	6.125	1.304	12.9	12.5	11.6	8.0		2618	.010	JG31F1-4075-5	GM1006-051

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

15° LS2 / LS3 / LS6 / L92 INVERTED DOME

Advanced, lightweight FSR forging that eliminates stress concentrations for superior strength. Stronger than traditional designs but up to 20% lighter.

Features:
Accumulator grooves for improved ring seal
Thick top ring lands to accommodate moderate forced induction/nitrous applications

Rings Included:
Lightweight, low friction metric ring package
1.2mm CARBON STEEL top ring, 1.5mm Napier 2nd ring, 3.0mm standard tension oil ring
Minimal filing required

Pins and Locks:
High quality 2.250" pin further reduces reciprocating weight
Carbon steel wire locks included

PROFESSIONAL SERIES INVERTED DOME **Std Bore: 4.000 (LS2/LS6), 4.065 (LS3)** **Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						64cc	66cc	72cc						
						Compression Ratio								
287994	364	4.000	3.622	6.098	1.340	9.6	9.4	8.8	-14.3	432	K,M	STD	JG3101-4000-7	GM1016-051
287995	365	4.005	3.622	6.098	1.340	9.6	9.4	8.9	-14.3	436	K,M	.005	JG3101-4000-7	GM1016-051
329352	366	4.010	3.622	6.098	1.340	9.6	9.4	8.9	-14.4	435	K,M	.010	JG3101-4010-4	GM1016-051
287996	370	4.030	3.622	6.098	1.340	9.6	9.4	8.8	-15.5	439	K,M	.030	JG31F1-4030-2	GM1016-051
287997	376	4.065	3.622	6.098	1.340	9.6	9.4	8.9	-17.2	448	K,M	STD LS3	JG31F1-4070-0	GM1006-051
287999	377	4.070	3.622	6.098	1.340	9.6	9.4	8.9	-17.2	450	K,M	.005	JG31F1-4070-0	GM1006-051
329353	378	4.075	3.622	6.098	1.340	9.6	9.4	8.9	-17.2	452	K,M	.010 LS3	JG31F1-4075-5	GM1006-051
329354	379	4.080	3.622	6.098	1.340	9.6	9.4	8.9	-17.2	455	K,M	.015 LS3	JG31F1-4075-5	GM1006-051
288003	364	4.000	3.622	6.125	1.315	9.6	9.4	8.8	-14.3	430	C,M	STD	JG3101-4000-7	GM1016-051
288004	365	4.005	3.622	6.125	1.315	9.6	9.4	8.9	-14.3	430	C,M	.005	JG3101-4000-7	GM1016-051
329355	366	4.010	3.622	6.125	1.315	9.6	9.4	8.9	-14.4	430	C	.010	JG3101-4010-4	GM1016-051
288005	370	4.030	3.622	6.125	1.315	9.6	9.4	8.8	-15.5	436	C,M	.030	JG31F1-4030-2	GM1016-051
288006	376	4.065	3.622	6.125	1.315	9.6	9.4	8.9	-17.2	444	C,M	STD LS3	JG31F1-4070-0	GM1006-051
288007	377	4.070	3.622	6.125	1.315	9.6	9.4	8.9	-17.2	447	C	.005	JG31F1-4070-0	GM1006-051
329356	378	4.075	3.622	6.125	1.315	9.6	9.4	8.9	-17.2	450	C,M	.010 LS3	JG31F1-4075-5	GM1006-051
329357	379	4.080	3.622	6.125	1.315	9.6	9.4	8.9	-17.2	454	C,M	.015 LS3	JG31F1-4075-5	GM1006-051
329358	402	4.000	4.000	6.125	1.115	11.0	10.7	10.1	-10.0	398	B	STD	JG3101-4000-7	GM1016-051
271100	403	4.005	4.000	6.125	1.115	11.0	10.7	10.1	-10.0	399	B	.005	JG3101-4000-7	GM1016-051
329359	404	4.010	4.000	6.125	1.115	11.0	10.7	10.1	-10.0	405	B	.010	JG3101-4010-4	GM1016-051
271102	408	4.030	4.000	6.125	1.115	11.1	10.8	10.2	-10.0	406	B	.030	JG31F1-4030-2	GM1016-051
271105	416	4.065	4.000	6.125	1.115	11.2	11.0	10.3	-10.0	418	B	STD LS3	JG31F1-4070-0	GM1006-051
279525	416	4.070	4.000	6.125	1.115	11.3	11.0	10.4	-10.0	419	B	.005 LS3	JG31F1-4070-0	GM1006-051
329360	417	4.075	4.000	6.125	1.115	11.3	11.0	10.4	-10.0	424	B	.010 LS3	JG31F1-4075-5	GM1006-051
329361	418	4.080	4.000	6.125	1.115	11.3	11.0	10.4	-10.0	428	B	.015 LS3	JG31F1-4075-5	GM1006-051
372204	416	4.005	4.125	6.125	1.050	10.4	10.2	9.6	-16.0		B	.005	JG3108-4000-7	GM1016-051
372206	421	4.030	4.125	6.125	1.050	10.5	10.3	9.7	-16.0		B	.030	JG31F8-4030-2	GM1016-051
372207	428	4.065	4.125	6.125	1.050	10.6	10.4	9.9	-16.0		B	STD LS3	JG31F8-4070-0	GM1006-051
360990	364	4.000	3.622	6.098	1.340	9.6	9.4	8.8	-14.3	429	2618, K, M	STD	JG3101-4000-7	GM1016-051
360991	365	4.005	3.622	6.098	1.340	9.6	9.4	8.9	-14.3	431	2618, K, M	.005	JG3101-4000-7	GM1016-051
360992	366	4.010	3.622	6.098	1.340	9.6	9.4	8.9	-14.4	435	2618, K, M	.010	JG3101-4010-4	GM1016-051
360993	370	4.030	3.622	6.098	1.340	9.6	9.4	8.8	-15.5	442	2618, K, M	.030	JG31F1-4030-2	GM1016-051
360994	376	4.065	3.622	6.098	1.340	9.6	9.4	8.9	-17.2	448	2618, K	STD LS3	JG31F1-4070-0	GM1006-051
360995	377	4.070	3.622	6.098	1.340	9.6	9.4	8.9	-17.2	450	2618, K	.005	JG31F1-4070-0	GM1006-051
360996	378	4.075	3.622	6.098	1.340	9.6	9.4	8.9	-17.2	452	2618, K, M	.010 LS3	JG3101-4075-5	GM1006-051
360997	364	4.000	3.622	6.125	1.315	9.6	9.4	8.8	-14.3	427	2618, C, M	STD	JG3101-4000-7	GM1016-051
360998	365	4.005	3.622	6.125	1.315	9.6	9.4	8.9	-14.3	428	2618, C, M	.005	JG3101-4000-7	GM1016-051
360999	366	4.010	3.622	6.125	1.315	9.6	9.4	8.9	-14.4	430	2618, C, M	.010	JG3101-4010-4	GM1016-051
361000	370	4.030	3.622	6.125	1.315	9.6	9.4	8.8	-15.5	437	2618, C, M	.030	JG31F1-4030-2	GM1016-051
361001	376	4.065	3.622	6.125	1.315	9.6	9.4	8.9	-17.2	445	2618, C	STD LS3	JG31F1-4070-0	GM1006-051
361002	377	4.070	3.622	6.125	1.315	9.6	9.4	8.9	-17.2	447	2618, C	.005	JG31F1-4070-0	GM1006-051
361003	378	4.075	3.622	6.125	1.315	9.6	9.4	8.9	-17.2	450	2618, C, M	.010 LS3	JG31F1-4075-5	GM1006-051
361004	402	4.000	4.000	6.125	1.115	11.0	10.7	10.1	-10.0	398	2618, B, M	STD	JG3101-4000-7	GM1016-051
361005	403	4.005	4.000	6.125	1.115	11.0	10.7	10.1	-10.0	399	2618, B, M	.005	JG3101-4000-7	GM1016-051
361006	404	4.010	4.000	6.125	1.115	11.0	10.7	10.1	-10.0	405	2618, B, M	.010	JG3101-4010-4	GM1016-051
361007	408	4.030	4.000	6.125	1.115	11.1	10.8	10.2	-10.0	406	2618, B, M	.030	JG31F1-4030-2	GM1016-051
361008	416	4.065	4.000	6.125	1.115	11.2	11.0	10.3	-10.0	418	2618, B	STD LS3	JG31F1-4070-0	GM1006-051
361009	416	4.070	4.000	6.125	1.115	11.3	11.0	10.4	-10.0	420	2618, B	.005 LS3	JG31F1-4070-0	GM1006-051
361010	417	4.075	4.000	6.125	1.115	11.3	11.0	10.4	-10.0	424	2618, B, M	.010 LS3	JG31F1-4075-5	GM1006-051
383047	428	4.125	4.000	6.125	1.115	10.4	10.2	9.6	-20.0		2618	STD LSX	JG31F8-4125-2	GM1005-051
383048	429	4.130	4.000	6.125	1.115	10.4	10.2	9.7	-20.0		2618	.005 LSX	JG31F8-4130-0	GM1005-051
383049	430	4.135	4.000	6.125	1.115	10.4	10.2	9.7	-20.0		2618	.010 LSX	JG31F8-4135-2	GM1005-051
372195	416	4.005	4.125	6.125	1.050	10.4	10.2	9.6	-16.0		2618, B	.005	JG3108-4000-7	GM1016-051
372197	421	4.030	4.125	6.125	1.050	10.5	10.3	9.7	-16.0		2618, B	.030	JG31F8-4030-2	GM1016-051
372198	428	4.065	4.125	6.125	1.050	10.6	10.4	9.9	-16.0		2618, B	STD LS3	JG31F8-4070-0	GM1006-051

15° LS2 / LS3 / LS6 / L92 FLAT TOP

Advanced, lightweight FSR forging that eliminates stress concentrations for superior strength. Stronger than traditional designs but up to 20% lighter.

Features:
Accumulator grooves for improved ring seal
Thick top ring lands to accommodate moderate forced induction/nitrous applications

Rings Included:
Lightweight, low friction metric ring package
1.2mm CARBON STEEL top ring, 1.5mm Napier 2nd ring, 3.0mm standard tension oil ring
Minimal filing required

Pins and Locks:
High quality 2.250" pin further reduces reciprocating weight
Carbon steel wire locks included

PROFESSIONAL SERIES FLAT TOP Std Bore: 4.000 (LS2/LS6), 4.065 (LS3) Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						64cc	66cc	72cc						
						Compression Ratio								
372203	416	4.005	4.125	6.125	1.050	12.0	11.7	10.9	-5.0		B	.005	JG3108-4000-7	GM1016-051
372205	421	4.030	4.125	6.125	1.050	12.0	11.8	11.0	-5.0		B	STD LS3	JG31F8-4030-2	GM1016-051
371962	428	4.065	4.125	6.125	1.050	12.2	11.9	11.1	-5.0	400	B	STD LS3	JG31F8-4070-0	GM1006-051
371963	429	4.070	4.125	6.125	1.050	12.2	11.9	11.2	-5.0	404	B	.005 LS3	JG31F8-4070-0	GM1006-051
371964	430	4.075	4.125	6.125	1.050	12.2	11.9	11.2	-5.0	408	B	.010 LS3	JG31F8-4075-5	GM1006-051
371965	441	4.125	4.125	6.125	1.050	12.5	12.2	11.4	-5.0	434	B	STD LSX	JG31F8-4125-2	GM1005-051
371966	442	4.130	4.125	6.125	1.050	12.5	12.2	11.4	-5.0	436	B	.005 LSX	JG31F8-4130-0	GM1005-051
371967	443	4.135	4.125	6.125	1.050	12.5	12.2	11.5	-5.0	438	B	.010 LSX	JG31F8-4135-2	GM1005-051
371968	447	4.155	4.125	6.125	1.050	12.6	12.3	11.5	-5.0	442	B	.030 LSX	JG31F8-4155-3	
329370	402	4.000	4.000	6.125	1.115	11.6	11.3	10.6	-5.0	390	B	.005	JG3101-4000-7	GM1016-051
279585	403	4.005	4.000	6.125	1.115	11.6	11.3	10.6	-5.0	385	B	.005	JG3101-4000-7	GM1016-051
329371	404	4.010	4.000	6.125	1.115	11.6	11.4	10.7	-5.0	390	B	.010	JG3101-4010-4	GM1016-051
279586	408	4.030	4.000	6.125	1.115	11.7	11.5	10.7	-5.0	397	B	.030	JG31F1-4030-2	GM1016-051
279587	416	4.065	4.000	6.125	1.115	11.9	11.6	10.9	-5.0	404	B	STD LS3	JG31F1-4070-0	GM1006-051
279589	416	4.070	4.000	6.125	1.115	12.0	11.7	10.9	-5.0	405	B	.005 LS3	JG31F1-4070-0	GM1006-051
329372	417	4.075	4.000	6.125	1.115	12.0	11.7	10.9	-5.0	407	B	.010 LS3	JG31F1-4075-5	GM1006-051
298766	418	4.080	4.000	6.125	1.115	12.0	11.7	10.9	-5.0	410	B,M	.015 LS3	JG31F1-4075-5	GM1006-051
326279	419	4.085	4.000	6.125	1.115	12.0	11.7	10.9	-5.0	413	B,M	.020 LS3	J75001-4080-5	GM1006-051
329373	364	4.000	3.622	6.125	1.315	10.6	10.4	9.7	-5.0	415		STD	JG3101-4000-7	GM1016-051
279590	365	4.005	3.622	6.125	1.315	10.6	10.4	9.7	-5.0	420		.005	JG3101-4000-7	GM1016-051
329374	366	4.010	3.622	6.125	1.315	10.6	10.4	9.8	-5.0	420		.010	JG3101-4010-4	GM1016-051
279591	370	4.030	3.622	6.125	1.315	10.7	10.4	9.8	-5.0	430		.060	JG31F1-4030-2	GM1016-051
279592	376	4.065	3.622	6.125	1.315	10.9	10.6	10.0	-5.0	440		STD LS3	JG31F1-4070-0	GM1006-051
279593	377	4.070	3.622	6.125	1.315	10.9	10.6	10.0	-5.0	442		.005 LS3	JG31F1-4070-0	GM1006-051
325258	378	4.075	3.622	6.125	1.315	10.9	10.6	10.0	-5.0	443	M	.010 LS3	JG31F1-4075-5	GM1006-051
325259	379	4.080	3.622	6.125	1.315	10.9	10.7	10.0	-5.0	447	M	.015 LS3	JG31F1-4075-5	GM1006-051
329375	364	4.000	3.622	6.098	1.340	10.5	10.3	9.7	-5.0	420		STD	JG3101-4000-7	GM1016-051
329376	365	4.005	3.622	6.098	1.340	10.6	10.3	9.7	-5.0	423		.005	JG3101-4000-7	GM1016-051
329377	366	4.010	3.622	6.098	1.340	10.6	10.4	9.7	-5.0	425	M	.010	JG3101-4010-4	GM1016-051
329378	370	4.030	3.622	6.098	1.340	10.7	10.4	9.8	-5.0	431	M	.030	JG31F1-4030-2	GM1016-051
329379	376	4.065	3.622	6.098	1.340	10.8	10.6	9.9	-5.0	438		STD LS3	JG31F1-4070-0	GM1006-051
298616	377	4.070	3.622	6.098	1.340	10.9	10.6	10.0	-5.0	444		.005 LS3	JG31F1-4070-0	GM1006-051
329380	378	4.075	3.622	6.098	1.340	10.9	10.6	10.0	-5.0	443	M	.010 LS3	JG31F1-4075-5	GM1006-051
298617	379	4.080	3.622	6.098	1.340	10.9	10.6	10.0	-5.0	445		.015 LS3	JG3101-4075-5	GM1006-051
372194	416	4.005	4.125	6.125	1.050	12.0	11.7	10.9	-5.0		2618, B	.005	JG3108-4000-7	GM1016-051
372196	421	4.030	4.125	6.125	1.050	12.0	11.8	11.0	-5.0		2618, B	.030	JG31F8-4030-2	GM1016-051
371955	428	4.065	4.125	6.125	1.050	12.2	11.9	11.1	-5.0	400	2618, B	STD LS3	JG31F8-4070-0	GM1006-051
371956	429	4.070	4.125	6.125	1.050	12.2	11.9	11.2	-5.0	404	2618, B	.005 LS3	JG31F8-4070-0	GM1006-051
371957	430	4.075	4.125	6.125	1.050	12.2	11.9	11.2	-5.0	408	2618, B	.010 LS3	JG31F8-4075-5	GM1006-051
371958	441	4.125	4.125	6.125	1.050	12.5	12.2	11.4	-5.0	434	2618, B	STD LSX	JG31F8-4125-2	GM1005-051
371959	442	4.130	4.125	6.125	1.050	12.5	12.2	11.4	-5.0	436	2618, B	.005 LSX	JG31F8-4130-0	GM1005-051
371960	443	4.135	4.125	6.125	1.050	12.5	12.2	11.5	-5.0	438	2618, B	.010 LSX	JG31F8-4135-2	GM1005-051
371961	447	4.155	4.125	6.125	1.050	12.6	12.3	11.5	-5.0	442	2618, B	.030 LSX	JG31F8-4155-3	
361027	402	4.000	4.000	6.125	1.115	11.6	11.3	10.6	-5.0	384	2618, B, M	.005	JG3101-4000-7	GM1016-051
361028	403	4.005	4.000	6.125	1.115	11.6	11.3	10.6	-5.0	385	2618, B, M	.005	JG3101-4000-7	GM1016-051
361029	404	4.010	4.000	6.125	1.115	11.6	11.4	10.7	-5.0	390	2618, B, M	.010	JG3101-4010-4	GM1016-051
361030	408	4.030	4.000	6.125	1.115	11.7	11.5	10.7	-5.0	390	2618, B, M	.030	JG31F1-4030-2	GM1016-051
361031	416	4.065	4.000	6.125	1.115	11.9	11.6	10.9	-5.0	404	2618, B	STD LS3	JG31F1-4070-0	GM1006-051
361032	416	4.070	4.000	6.125	1.115	12.0	11.7	10.9	-5.0	405	2618, B	.005 LS3	JG31F1-4070-0	GM1006-051
361033	417	4.075	4.000	6.125	1.115	12.0	11.7	10.9	-5.0	407	2618, B, M	.010 LS3	JG31F1-4075-5	GM1006-051

PROFESSIONAL SERIES FLAT TOP Continued **Std Bore: 4.000 (LS2/LS6), 4.065 (LS3)** **Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 64cc	66cc	72cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						Compression Ratio								
383051	428	4.125	4.000	6.125	1.115	12.2	11.9	11.2	-5.0		2618	STD LSX	JG31F8-4125-2	GM1005-051
383052	429	4.130	4.000	6.125	1.115	12.2	11.9	11.2	-5.0		2618	.005 LSX	JG31F8-4130-0	GM1005-051
383053	430	4.135	4.000	6.125	1.115	12.2	11.9	11.2	-5.0		2618	.010 LSX	JG31F8-4135-2	GM1005-051
361020	364	4.000	3.622	6.125	1.315	10.6	10.4	9.7	-5.0	417	2618, C, M	STD	JG3101-4000-7	GM1016-051
361021	365	4.005	3.622	6.125	1.315	10.6	10.4	9.7	-5.0	417	2618, C, M	.005	JG3101-4000-7	GM1016-051
361022	366	4.010	3.622	6.125	1.315	10.6	10.4	9.8	-5.0	420	2618, C, M	.010	JG3101-4010-4	GM1016-051
361023	370	4.030	3.622	6.125	1.315	10.7	10.4	9.8	-5.0	426	2618, C, M	.060	JG31F1-4030-2	GM1016-051
361024	376	4.065	3.622	6.125	1.315	10.9	10.6	10.0	-5.0	440	2618, C	STD LS3	JG31F1-4070-0	GM1006-051
361025	377	4.070	3.622	6.125	1.315	10.9	10.6	10.0	-5.0	439	2618, C	.005 LS3	JG31F1-4070-0	GM1006-051
361026	378	4.075	3.622	6.125	1.315	10.9	10.6	10.0	-5.0	443	2618, C, M	.010 LS3	JG31F1-4075-5	GM1006-051
361012	364	4.000	3.622	6.098	1.340	10.5	10.3	9.7	-5.0	420	2618, K, M	STD	JG3101-4000-7	GM1016-051
361013	365	4.005	3.622	6.098	1.340	10.6	10.3	9.7	-5.0	423	2618, K, M	.005	JG3101-4000-7	GM1016-051
361014	366	4.010	3.622	6.098	1.340	10.6	10.4	9.7	-5.0	425	2618, K, M	.010	JG3101-4010-4	GM1016-051
361015	370	4.030	3.622	6.098	1.340	10.7	10.4	9.8	-5.0	431	2618, K, M	.030	JG31F1-4030-2	GM1016-051
361017	376	4.065	3.622	6.098	1.340	10.8	10.6	9.9	-5.0	438	2618, K	STD LS3	JG31F1-4070-0	GM1006-051
361018	377	4.070	3.622	6.098	1.340	10.9	10.6	10.0	-5.0	440	2618, K	.005 LS3	JG31F1-4070-0	GM1006-051
361019	378	4.075	3.622	6.098	1.340	10.9	10.6	10.0	-5.0	443	2618, K, M	.010 LS3	JG31F1-4075-5	GM1006-051

350 / 400 23° FLAT TOP

Advanced, lightweight FSR forging that eliminates stress concentrations for superior strength. Stronger than traditional designs but up to 20% lighter.

Features:
Accumulator grooves for improved ring seal
Thick top ring lands to accommodate moderate forced induction/nitrous applications

Rings Included:
Lightweight, low friction metric ring package
1.2mm CARBON STEEL top ring, 1.5mm Napier 2nd ring, 3.0mm standard tension oil ring
Minimal filing required

Pins and Locks:
High quality 2.250" pin further reduces reciprocating weight
Carbon steel wire locks included

PROFESSIONAL SERIES FLAT TOP - 350 BLOCK **Std Bore: 4.000** **Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 58cc	64cc	70cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						Compression Ratio								
329408	402	4.000	4.000	6.000	1.000	12.4	11.6	10.8	-5.0	362	B, M	STD	JG3101-4000-7	GM1024-039
329409	403	4.005	4.000	6.000	1.000	12.5	11.6	10.8	-5.0	365	B, M	.005	JG3101-4000-7	GM1024-039
329410	404	4.010	4.000	6.000	1.000	12.5	11.6	10.9	-5.0	367	B, M	.010	JG3101-4010-4	GM1024-039
329411	406	4.020	4.000	6.000	1.000	12.5	11.7	10.9	-5.0	369	B, M	.020	JG3101-4020-2	GM1024-039
271054	408	4.030	4.000	6.000	1.000	12.6	11.7	11.0	-5.0	372	B	.030	JG31F1-4030-2	GM1024-039
329412	410	4.040	4.000	6.000	1.000	12.6	11.8	11.0	-5.0	378	B, M	.040	JG31F1-4040-2	GM1002-039
329413	414	4.060	4.000	6.000	1.000	12.7	11.8	11.1	-5.0	382	B, M	.060	JG31F1-4060-0	GM1002-039
378414	402	4.000	4.000	6.000	1.000	12.4	11.6	10.8	-5.0	362	2618, B	STD	JG3108-4000-7	GM1024-039
378415	403	4.005	4.000	6.000	1.000	12.5	11.6	10.8	-5.0	365	2618, B	.005	JG3108-4000-7	GM1024-039
378416	404	4.010	4.000	6.000	1.000	12.5	11.6	10.9	-5.0	367	2618, B	.010	JG3108-4010-4	GM1024-039
378417	406	4.020	4.000	6.000	1.000	12.5	11.7	10.9	-5.0	369	2618, B	.020	JG3108-4020-2	GM1024-039
378418	408	4.030	4.000	6.000	1.000	12.6	11.7	11.0	-5.0	372	2618, B	.030	JG31F8-4030-2	GM1024-039
378419	410	4.040	4.000	6.000	1.000	12.6	11.8	11.0	-5.0	378	2618, B	.040	JG31F8-4040-2	GM1002-039
378420	414	4.060	4.000	6.000	1.000	12.7	11.8	11.1	-5.0	382	2618, B	.060	JG31F8-4060-0	GM1002-039
329415	390	4.000	3.875	6.000	1.062	12.0	11.2	10.5	-5.0	375	B, M	STD	JG3101-4000-7	GM1024-039
329416	391	4.005	3.875	6.000	1.062	12.1	11.2	10.5	-5.0	376	B, M	.005	JG3101-4000-7	GM1024-039
329417	391	4.010	3.875	6.000	1.062	12.1	11.3	10.5	-5.0	378	B, M	.010	JG3101-4010-4	GM1024-039
329418	393	4.020	3.875	6.000	1.062	12.2	11.3	10.6	-5.0	380	B, M	.020	JG3101-4020-2	GM1024-039
279578	395	4.030	3.875	6.000	1.062	12.2	11.4	10.6	-5.0	383	B	.030	JG31F1-4030-2	GM1024-039
329419	397	4.040	3.875	6.000	1.062	12.2	11.4	10.6	-5.0	387	B, M	.040	JG31F1-4040-2	GM1002-039
329420	401	4.060	3.875	6.000	1.062	12.3	11.5	10.7	-5.0	392	B, M	.060	JG31F1-4060-0	GM1002-039
378421	390	4.000	3.875	6.000	1.062	12.0	11.2	10.5	-5.0	375	2618, B	STD	JG3108-4000-7	GM1024-039
378422	391	4.005	3.875	6.000	1.062	12.1	11.2	10.5	-5.0	376	2618, B	.005	JG3108-4000-7	GM1024-039
378423	391	4.010	3.875	6.000	1.062	12.1	11.3	10.5	-5.0	378	2618, B	.010	JG3108-4010-4	GM1024-039
378424	393	4.020	3.875	6.000	1.062	12.2	11.3	10.6	-5.0	380	2618, B	.020	JG3108-4020-2	GM1024-039
378425	395	4.030	3.875	6.000	1.062	12.2	11.4	10.6	-5.0	383	2618, B	.030	JG31F8-4030-2	GM1024-039
378426	397	4.040	3.875	6.000	1.062	12.2	11.4	10.6	-5.0	387	2618, B	.040	JG31F8-4040-2	GM1002-039

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

350 / 400 23° FLAT TOP Continued

PROFESSIONAL SERIES FLAT TOP - 350 BLOCK Std Bore: 4.000 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						58cc	64cc	70cc						
						Compression Ratio								
378427	401	4.060	3.875	6.000	1.062	12.3	11.5	10.7	-5.0	392	2618, B	.060	JG31F8-4060-0	GM1002-039
295440	377	4.000	3.750	6.000	1.125	11.7	10.9	10.2	-5.0	384	B, M	STD	JG3101-4000-7	GM1024-039
329421	378	4.005	3.750	6.000	1.125	11.8	10.9	10.2	-5.0	390	B	.005	JG3101-4000-7	GM1024-039
329422	379	4.010	3.750	6.000	1.125	11.8	10.9	10.2	-5.0	391	B, M	.010	JG3101-4010-4	GM1024-039
329423	381	4.020	3.750	6.000	1.125	11.8	11.0	10.3	-5.0	393	B, M	.020	JG3101-4020-2	GM1024-039
268830	383	4.030	3.750	6.000	1.125	11.9	11.1	10.3	-5.0	394	B	.030	JG31F1-4030-2	GM1024-039
279477	385	4.040	3.750	6.000	1.125	11.9	11.1	10.3	-5.0	399	B	.040	JG31F1-4040-2	GM1024-039
329424	388	4.060	3.750	6.000	1.125	12.0	11.1	10.4	-5.0	405	B, M	.060	JG31F1-4060-0	GM1002-039
366455	377	4.000	3.750	6.000	1.125	11.7	10.9	10.2	-5.0	388	2618, B, M	STD	JG3101-4000-7	GM1024-039
366456	378	4.005	3.750	6.000	1.125	11.8	10.9	10.2	-5.0	390	2618, B, M	.005	JG3101-4000-7	GM1024-039
366457	379	4.010	3.750	6.000	1.125	11.8	10.9	10.2	-5.0	391	2618, B, M	.010	JG3101-4010-4	GM1024-039
366458	381	4.020	3.750	6.000	1.125	11.8	11.0	10.3	-5.0	393	2618, B, M	.020	JG3101-4020-2	GM1024-039
366459	383	4.030	3.750	6.000	1.125	11.9	11.1	10.3	-5.0	394	2618, B, M	.030	JG31F1-4030-2	GM1024-039
366460	385	4.040	3.750	6.000	1.125	11.9	11.1	10.3	-5.0	399	2618, B, M	.040	JG31F1-4040-2	GM1024-039
366461	388	4.060	3.750	6.000	1.125	12.0	11.1	10.4	-5.0	405	2618, B, M	.060	JG3101-4060-0	GM1002-039
329425	377	4.000	3.750	5.700	1.425	11.7	10.9	10.2	-5.0	422		STD	JG3108-4000-7	GM1024-039
329426	378	4.005	3.750	5.700	1.425	11.8	10.9	10.2	-5.0	424		.005	JG3108-4000-7	GM1024-039
329427	379	4.010	3.750	5.700	1.425	11.8	10.9	10.2	-5.0	427	M	.010	JG3108-4010-4	GM1024-039
329428	381	4.020	3.750	5.700	1.425	11.8	11.0	10.3	-5.0	430	M	.020	JG3108-4020-2	GM1024-039
271055	383	4.030	3.750	5.700	1.425	11.9	11.1	10.3	-5.0	434		.030	JG31F8-4030-2	GM1024-039
279479	385	4.040	3.750	5.700	1.425	11.9	11.1	10.3	-5.0	438		.040	JG31F8-4040-2	GM1024-039
329429	388	4.060	3.750	5.700	1.425	12.0	11.1	10.4	-5.0	442	M	.060	JG31F8-4060-0	GM1002-039
367695	377	4.000	3.750	5.700	1.425	11.7	10.9	10.2	-5.0	422	2618	STD	JG3101-4000-7	GM1024-039
367696	378	4.005	3.750	5.700	1.425	11.8	10.9	10.2	-5.0	424	2618	.005	JG3101-4000-7	GM1024-039
367697	379	4.010	3.750	5.700	1.425	11.8	10.9	10.2	-5.0	427	2618	.010	JG3101-4010-4	GM1024-039
367698	381	4.020	3.750	5.700	1.425	11.8	11.0	10.3	-5.0	430	2618	.020	JG3101-4020-2	GM1024-039
367699	383	4.030	3.750	5.700	1.425	11.9	11.1	10.3	-5.0	434	2618	.030	JG31F1-4030-2	GM1024-039
367700	385	4.040	3.750	5.700	1.425	11.9	11.1	10.3	-5.0	435	2618	.040	JG31F1-4040-2	GM1024-039
367701	388	4.060	3.750	5.700	1.425	12.0	11.1	10.4	-5.0	442	2618	.060	JG3101-4060-0	GM1002-039
329408	350	4.000	3.480	6.250	1.000	11.0	10.2	9.5	-5.0	362	B, M	STD	JG3101-4000-7	GM1024-039
329409	351	4.005	3.480	6.250	1.000	11.0	10.2	9.6	-5.0	365	B, M	.005	JG3101-4000-7	GM1024-039
329410	352	4.010	3.480	6.250	1.000	11.0	10.2	9.6	-5.0	367	B, M	.010	JG3101-4010-4	GM1024-039
329411	353	4.020	3.480	6.250	1.000	11.0	10.3	9.6	-5.0	369	B, M	.020	JG3101-4020-2	GM1024-039
271054	355	4.030	3.480	6.250	1.000	11.1	10.3	9.7	-5.0	372	A, B	.030	JG31F1-4030-2	GM1024-039
329412	357	4.040	3.480	6.250	1.000	11.2	10.4	9.8	-5.0	378	B, M	.040	JG31F1-4040-2	GM1002-039
329413	360	4.060	3.480	6.250	1.000	11.2	10.4	9.8	-5.0	382	B, M	.060	JG31F1-4060-0	GM1002-039
295440	350	4.000	3.480	6.125	1.125	11.0	10.2	9.5	-5.0	384	B, M	STD	JG3101-4000-7	GM1024-039
329421	351	4.005	3.480	6.125	1.125	11.0	10.2	9.6	-5.0	390	B	.005	JG3101-4000-7	GM1024-039
329422	352	4.010	3.480	6.125	1.125	11.0	10.2	9.6	-5.0	391	B, M	.010	JG3101-4010-4	GM1024-039
329423	353	4.020	3.480	6.125	1.125	11.0	10.3	9.6	-5.0	393	B, M	.020	JG3101-4020-2	GM1024-039
268830	355	4.030	3.480	6.125	1.125	11.1	10.3	9.7	-5.0	394	A, B	.030	JG31F1-4030-2	GM1024-039
279477	357	4.040	3.480	6.125	1.125	11.2	10.4	9.8	-5.0	399	A, B	.040	JG31F1-4040-2	GM1024-039
329424	360	4.060	3.480	6.125	1.125	11.2	10.4	9.8	-5.0	405	B, M	.060	JG31F1-4060-0	GM1002-039
295441	350	4.000	3.480	6.000	1.260	11.0	10.2	9.5	-5.0	406	A, M	STD	JG3101-4000-7	GM1024-039
329430	351	4.005	3.480	6.000	1.260	11.0	10.2	9.6	-5.0	410	A	.005	JG3101-4000-7	GM1024-039
329431	352	4.010	3.480	6.000	1.260	11.0	10.2	9.6	-5.0	411	A, M	.010	JG3101-4010-4	GM1024-039
329432	353	4.020	3.480	6.000	1.260	11.0	10.3	9.6	-5.0	412	A, M	.020	JG3101-4020-2	GM1024-039
271056	355	4.030	3.480	6.000	1.260	11.1	10.3	9.7	-5.0	416	A	.030	JG31F1-4030-2	GM1024-039
279480	357	4.040	3.480	6.000	1.260	11.2	10.4	9.8	-5.0	422	A	.040	JG31F1-4040-2	GM1024-039
329433	360	4.060	3.480	6.000	1.260	11.2	10.4	9.8	-5.0	431	A, M	.060	JG31F1-4060-0	GM1002-039
367090	350	4.000	3.480	6.000	1.260	11.0	10.2	9.5	-5.0	409	2618, A, M	STD	JG3101-4000-7	GM1024-039
367091	351	4.005	3.480	6.000	1.260	11.0	10.2	9.6	-5.0	410	2618, A, M	.005	JG3101-4000-7	GM1024-039
367092	352	4.010	3.480	6.000	1.260	11.0	10.2	9.6	-5.0	411	2618, A, M	.010	JG3101-4010-4	GM1024-039
367093	353	4.020	3.480	6.000	1.260	11.0	10.3	9.6	-5.0	412	2618, A, M	.020	JG3101-4020-2	GM1024-039
367094	355	4.030	3.480	6.000	1.260	11.1	10.3	9.7	-5.0	414	2618, A, M	.030	JG31F1-4030-2	GM1024-039

PROFESSIONAL SERIES FLAT TOP - 350 BLOCK Continued Std Bore: 4.000 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 58cc	64cc	70cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						Compression Ratio								
367095	357	4.040	3.480	6.000	1.260	11.2	10.4	9.8	-5.0	422	2618, A, M	.040	JG31F1-4040-2	GM1024-039
367096	360	4.060	3.480	6.000	1.260	11.2	10.4	9.8	-5.0	431	2618, A, M	.060	JG3101-4060-0	GM1002-039
295442	350	4.000	3.480	5.700	1.560	11.0	10.2	9.5	-5.0	441	A	STD	JG3108-4000-7	GM1024-039
322508	351	4.005	3.480	5.700	1.560	11.0	10.2	9.5	-5.0	444	A, M	.005	JG3108-4000-7	GM1024-039
322509	352	4.010	3.480	5.700	1.560	11.0	10.2	9.6	-5.0	446	A, M	.010	JG3108-4010-4	GM1024-039
322510	353	4.020	3.480	5.700	1.560	11.1	10.3	9.7	-5.0	448	A, M	.020	JG3108-4020-2	GM1024-039
271057	355	4.030	3.480	5.700	1.560	11.1	10.3	9.7	-5.0	452	A	.030	JG31F8-4030-2	GM1024-039
279481	357	4.040	3.480	5.700	1.560	11.2	10.4	9.8	-5.0	454	A	.040	JG31F8-4040-2	GM1024-039
329434	360	4.060	3.480	5.700	1.560	11.2	10.4	9.8	-5.0	459	A	.060	JG31F8-4060-0	GM1002-039
367097	350	4.000	3.480	5.700	1.560	11.0	10.2	9.5	-5.0	447	2618, A, M	STD	JG3101-4000-7	GM1024-039
367098	351	4.005	3.480	5.700	1.560	11.0	10.2	9.5	-5.0	444	2618, A, M	.005	JG3101-4000-7	GM1024-039
367099	352	4.010	3.480	5.700	1.560	11.0	10.2	9.6	-5.0	446	2618, A, M	.010	JG3101-4010-4	GM1024-039
367100	353	4.020	3.480	5.700	1.560	11.1	10.3	9.7	-5.0	448	2618, A, M	.020	JG3101-4020-2	GM1024-039
367101	355	4.030	3.480	5.700	1.560	11.1	10.3	9.7	-5.0	452	2618, A, M	.030	JG31F1-4030-2	GM1024-039
367102	357	4.040	3.480	5.700	1.560	11.2	10.4	9.8	-5.0	451	2618, A, M	.040	JG31F1-4040-2	GM1024-039
367103	360	4.060	3.480	5.700	1.560	11.2	10.4	9.8	-5.0	459	2618, A, M	.060	JG31F1-4060-0	GM1002-039
PROFESSIONAL SERIES FLAT TOP - 400 BLOCK Std Bore: 4.125 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included														
295444	428	4.125	4.000	6.000	1.000	13.1	12.2	11.4	-5.0	376	B	STD	JG31F1-4125-2	GM1003-039
329437	429	4.130	4.000	6.000	1.000	13.1	12.2	11.4	-5.0	380	B	.005	JG31F1-4130-0	GM1004-039
329438	430	4.135	4.000	6.000	1.000	13.1	12.2	11.4	-5.0	382	B	.010	JG31F1-4135-2	GM1004-039
271063	434	4.155	4.000	6.000	1.000	13.3	12.3	11.5	-5.0	383	B	.030	JG31F1-4155-3	GM1004-039
367106	428	4.125	4.000	6.000	1.000	13.1	12.2	11.4	-5.0	378	2618, B	STD	JG31F1-4125-2	GM1003-039
367107	429	4.130	4.000	6.000	1.000	13.1	12.2	11.4	-5.0	380	2618, B	.005	JG31F1-4130-0	GM1004-039
367108	430	4.135	4.000	6.000	1.000	13.1	12.2	11.4	-5.0	382	2618, B	.010	JG31F1-4135-2	GM1004-039
367109	434	4.155	4.000	6.000	1.000	13.3	12.3	11.5	-5.0	383	2618, B	.030	JG31F1-4155-3	GM1004-039
295445	414	4.125	3.875	6.000	1.062	12.7	11.8	11.1	-5.0	387	B	STD	JG31F1-4125-2	GM1003-039
329439	415	4.130	3.875	6.000	1.062	12.7	11.8	11.0	-5.0	392	B	.005	JG31F1-4130-0	GM1004-039
329440	416	4.135	3.875	6.000	1.062	12.8	11.9	11.1	-5.0	394	B	.010	JG31F1-4135-2	GM1004-039
271064	421	4.155	3.875	6.000	1.062	12.9	12.0	11.2	-5.0	395	B	.030	JG31F1-4155-3	GM1004-039
367113	415	4.125	3.875	6.000	1.062	12.7	11.8	11.0	-5.0	392	2618, B	STD	JG31F1-4125-2	GM1004-039
367114	415	4.130	3.875	6.000	1.062	12.7	11.8	11.1	-5.0	394	2618, B	.005	JG31F1-4130-0	GM1004-039
367115	416	4.135	3.875	6.000	1.062	12.8	11.9	11.1	-5.0	390	2618, B	.010	JG31F1-4135-2	GM1003-039
367116	421	4.155	3.875	6.000	1.062	12.9	12.0	11.2	-5.0	395	2618, B	.030	JG31F1-4155-3	GM1004-039
295447	400	4.125	3.750	6.000	1.125	12.3	11.5	10.7	-5.0	398	B	STD	JG31F1-4125-2	GM1003-039
329441	402	4.130	3.750	6.000	1.125	12.3	11.5	10.7	-5.0	401	B	.005	JG31F1-4130-0	GM1004-039
329442	403	4.135	3.750	6.000	1.125	12.4	11.5	10.8	-5.0	404	B	.010	JG31F1-4135-2	GM1004-039
271065	406	4.155	3.750	6.000	1.125	12.5	11.6	10.9	-5.0	405	B	.030	JG31F1-4155-3	GM1004-039
367117	400	4.125	3.750	6.000	1.125	12.3	11.5	10.7	-5.0	399	2618, B	STD	JG31F1-4125-2	GM1003-039
367118	402	4.130	3.750	6.000	1.125	12.3	11.5	10.7	-5.0	401	2618, B	.005	JG31F1-4130-0	GM1004-039
367119	403	4.135	3.750	6.000	1.125	12.4	11.5	10.8	-5.0	404	2618, B	.010	JG31F1-4135-2	GM1004-039
367120	406	4.155	3.750	6.000	1.125	12.5	11.6	10.9	-5.0	404	2618, B	.030	JG31F1-4155-3	GM1004-039
295444	372	4.125	3.480	6.250	1.000	11.5	10.7	10.0	-5.0	376	B	STD	JG31F1-4125-2	GM1003-039
329437	373	4.130	3.480	6.250	1.000	11.6	10.8	10.1	-5.0	380	B	.005	JG31F1-4130-0	GM1004-039
329438	374	4.135	3.480	6.250	1.000	11.6	10.8	10.1	-5.0	382	B	.010	JG31F1-4135-2	GM1004-039
271063	377	4.155	3.480	6.250	1.000	11.7	10.8	10.1	-5.0	383	A, B	.030	JG31F1-4155-3	GM1004-039
367106	372	4.125	3.480	6.250	1.000	11.5	10.7	10.0	-5.0	378	2618, A, B	STD	JG31F1-4125-2	GM1003-039
367107	373	4.130	3.480	6.250	1.000	11.6	10.8	10.1	-5.0	380	2618, A, B	.005	JG31F1-4130-0	GM1004-039
367108	374	4.135	3.480	6.250	1.000	11.6	10.8	10.1	-5.0	382	2618, A, B	.010	JG31F1-4135-2	GM1004-039
367109	377	4.155	3.480	6.250	1.000	11.7	10.8	10.1	-5.0	383	2618, A, B	.030	JG31F1-4155-3	GM1004-039
295447	372	4.125	3.480	6.125	1.125	11.5	10.7	10.0	-5.0	398	B	STD	JG31F1-4125-2	GM1003-039
329441	373	4.130	3.480	6.125	1.125	11.6	10.8	10.1	-5.0	401	B	.005	JG31F1-4130-0	GM1004-039
329442	374	4.135	3.480	6.125	1.125	11.6	10.8	10.1	-5.0	404	B	.010	JG31F1-4135-2	GM1004-039
271065	377	4.155	3.480	6.125	1.125	11.7	10.8	10.1	-5.0	405	A, B	.030	JG31F1-4155-3	GM1004-039
367117	372	4.125	3.480	6.125	1.125	11.5	10.7	10.0	-5.0	399	2618, A, B	STD	JG31F1-4125-2	GM1003-039
367118	373	4.130	3.480	6.125	1.125	11.6	10.8	10.1	-5.0	401	2618, A, B	.005	JG31F1-4130-0	GM1004-039
367119	374	4.135	3.480	6.125	1.125	11.6	10.8	10.1	-5.0	404	2618, A, B	.010	JG31F1-4135-2	GM1004-039
367120	377	4.155	3.480	6.125	1.125	11.7	10.8	10.1	-5.0	404	2618, A, B	.030	JG31F1-4155-3	GM1004-039

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

PROFESSIONAL SERIES FLAT TOP - 400 BLOCK Continued Std Bore: 4.125 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 58cc / Compression Ratio	Head Cubic Centimeters 64cc / Compression Ratio	Head Cubic Centimeters 70cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
309948	372	4.125	3.480	6.000	1.250	11.5	10.7	10.0	-5.0	413	A	STD	JG31F1-4125-2	GM1003-039
329443	373	4.130	3.480	6.000	1.250	11.5	10.7	10.0	-5.0	418	A	.005	JG31F1-4130-0	GM1004-039
329444	374	4.135	3.480	6.000	1.250	11.5	10.7	10.0	-5.0	420	A	.010	JG31F1-4135-2	GM1004-039
309949	377	4.125	3.480	6.000	1.250	11.6	10.8	10.1	-5.0	423	A	.030	JG31F1-4155-3	GM1003-039

350 / 400 23° DOME

Advanced, lightweight FSR forging that eliminates stress concentrations for superior strength. Stronger than traditional designs but up to 20% lighter.

Features:
Accumulator grooves for improved ring seal
Thick top ring lands to accommodate moderate forced induction/nitrous applications

Rings Included:
Lightweight, low friction metric ring package
1.2mm CARBON STEEL top ring, 1.5mm Napier 2nd ring, 3.0mm standard tension oil ring
Minimal filing required

Pins and Locks:
High quality 2.250" pin further reduces reciprocating weight
Carbon steel wire locks included

PROFESSIONAL SERIES DOME - 350 BLOCK Std Bore: 4.000 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 58cc / Compression Ratio	Head Cubic Centimeters 64cc / Compression Ratio	Head Cubic Centimeters 70cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
295443	377	4.000	3.750	6.000	1.125	13.9	12.7	11.7	7.0	403	B	STD	JG3101-4000-7	GM1024-039
329450	378	4.005	3.750	6.000	1.125	13.9	12.7	11.8	7.0	412	B, M	.005	JG3101-4000-7	GM1024-039
329451	379	4.010	3.750	6.000	1.125	13.9	12.8	11.8	7.0	413	B, M	.010	JG3101-4010-4	GM1024-039
329452	381	4.020	3.750	6.000	1.125	14.0	12.8	11.8	7.0	415	B, M	.020	JG3101-4020-2	GM1024-039
271058	383	4.030	3.750	6.000	1.125	14.1	12.9	11.9	7.0	412	B	.030	JG31F1-4030-2	GM1024-039
279483	385	4.040	3.750	6.000	1.125	14.1	12.9	11.9	7.0	415	B	.040	JG31F1-4040-2	GM1024-039
329453	388	4.060	3.750	6.000	1.125	14.2	13.0	12.0	7.0	420	B	.060	JG31F1-4060-0	GM1002-039
329454	350	4.000	3.480	6.000	1.260	13.8	12.6	11.5	11.0	436	A, M	STD	JG3101-4000-7	GM1024-039
329455	351	4.005	3.480	6.000	1.260	13.8	12.6	11.5	11.0	437	A, M	.005	JG3101-4000-7	GM1024-039
329456	352	4.010	3.480	6.000	1.260	13.9	12.6	11.6	11.0	438	A, M	.010	JG3101-4010-4	GM1024-039
329457	353	4.020	3.480	6.000	1.260	13.9	12.7	11.6	11.0	440	A	.020	JG3101-4020-2	GM1024-039
271059	355	4.030	3.480	6.000	1.260	14.0	12.7	11.7	11.0	436	A	.030	JG31F1-4030-2	GM1024-039
329458	357	4.040	3.480	6.000	1.260	14.0	12.8	11.7	11.0	445	A	.040	JG31F1-4040-2	GM1002-039
329459	360	4.060	3.480	6.000	1.260	14.1	12.9	11.8	11.0	453	A	.060	JG31F1-4060-0	GM1002-039
295443	350	4.000	3.480	6.125	1.125	13.0	11.9	11.0	7.0	403	B	STD	JG3101-4000-7	GM1024-039
329450	351	4.005	3.480	6.125	1.125	13.0	11.9	11.0	7.0	412	A, B	.005	JG3101-4000-7	GM1024-039
329451	352	4.010	3.480	6.125	1.125	13.0	11.9	11.0	7.0	413	A, B	.010	JG3101-4010-4	GM1024-039
329452	353	4.020	3.480	6.125	1.125	13.0	11.9	11.0	7.0	415	A, B	.020	JG3101-4020-2	GM1024-039
271058	355	4.030	3.480	6.125	1.125	13.1	12.0	11.1	7.0	412	A, B	.030	JG31F1-4030-2	GM1002-039
279483	357	4.040	3.480	6.125	1.125	13.2	12.1	11.2	7.0	415	A, B	.040	JG31F1-4040-2	GM1002-039
329453	360	4.060	3.480	6.125	1.125	13.3	12.1	11.2	7.0	420	A, B	.060	JG31F1-4060-0	GM1002-039
PROFESSIONAL SERIES DOME - 400 BLOCK Std Bore: 4.125 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included														
310182	372	4.125	3.480	6.125	1.125	13.0	12.0	11.1	4.0	417	A, B, M	STD	JG31F1-4125-2	GM1003-039
310182	401	4.125	3.750	6.000	1.125	14.0	12.8	11.9	4.0	417	B, M	STD	JG31F1-4125-2	GM1003-039
329446	373	4.130	3.480	6.125	1.125	13.0	12.0	11.1	4.0	419	A, B, M	.005	JG31F1-4130-0	GM1004-039
329446	402	4.130	3.750	6.000	1.125	14.0	12.8	11.9	4.0	419	B, M	.005	JG31F1-4130-0	GM1004-039
329447	374	4.135	3.480	6.125	1.125	13.0	12.0	11.1	4.0	422	A, B, M	.010	JG31F1-4135-2	GM1004-039
329447	403	4.135	3.750	6.000	1.125	14.0	12.9	11.9	4.0	422	B, M	.000	JG31F1-4135-2	GM1004-039
271066	377	4.155	3.480	6.125	1.125	13.2	12.1	11.2	4.0	424	A, B	.030	JG31F1-4155-3	GM1004-039
271066	406	4.155	3.750	6.000	1.125	14.1	13.0	12.0	4.0	424	B	.030	JG31F1-4155-3	GM1004-039

350 / 400 23° INVERTED DOME

Advanced, lightweight FSR forging that eliminates stress concentrations for superior strength. Stronger than traditional designs but up to 20% lighter.

Features:
Accumulator grooves for improved ring seal
Thick top ring lands to accommodate moderate forced induction/nitrous applications

Rings Included:
Lightweight, low friction metric ring package
1.2mm CARBON STEEL top ring, 1.5mm Napier 2nd ring, 3.0mm standard tension oil ring
Minimal filing required

Pins and Locks:
High quality 2.250" pin further reduces reciprocating weight
Carbon steel wire locks included

PROFESSIONAL SERIES INVERTED DOME - 350 BLOCK Std Bore: 4.000 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 58cc	64cc	70cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						Compression Ratio								
329479	402	4.000	4.000	6.000	1.000	10.9	10.3	9.7	-16.0	332	B, M	STD	JG3101-4000-7	GM1024-039
329480	403	4.005	4.000	6.000	1.000	10.9	10.3	9.7	-16.0	333	B, M	.005	JG3101-4000-7	GM1024-039
329481	404	4.010	4.000	6.000	1.000	11.0	10.3	9.7	-16.0	334	B, M	.010	JG3101-4010-4	GM1024-039
329482	406	4.020	4.000	6.000	1.000	11.0	10.3	9.8	-16.0	336	B, M	.020	JG3101-4020-2	GM1024-039
271060	408	4.030	4.000	6.000	1.000	11.1	10.4	9.8	-16.0	338	B, M	.030	JG31F1-4030-2	GM1002-039
329483	410	4.040	4.000	6.000	1.000	11.1	10.4	9.8	-16.0	341	B, M	.040	JG31F1-4040-2	GM1002-039
329484	414	4.060	4.000	6.000	1.000	11.2	10.5	9.9	-16.0	347	B, M	.060	JG31F1-4060-0	GM1002-039
378397	402	4.000	4.000	6.000	1.000	10.9	10.3	9.7	-16.0		2618, B	STD	JG3108-4000-7	GM1024-039
378398	403	4.005	4.000	6.000	1.000	10.9	10.3	9.7	-16.0		2618, B	.005	JG3108-4000-7	GM1024-039
378399	404	4.010	4.000	6.000	1.000	11.0	10.3	9.7	-16.0		2618, B	.010	JG3108-4010-4	GM1024-039
378400	406	4.020	4.000	6.000	1.000	11.0	10.3	9.8	-16.0		2618, B	.020	JG3108-4020-2	GM1024-039
378401	408	4.030	4.000	6.000	1.000	11.1	10.4	9.8	-16.0		2618, B	.030	JG31F8-4030-2	GM1002-039
378402	410	4.040	4.000	6.000	1.000	11.1	10.4	9.8	-16.0		2618, B	.040	JG31F8-4040-2	GM1002-039
378403	414	4.060	4.000	6.000	1.000	11.2	10.5	9.9	-16.0		2618, B	.060	JG31F8-4060-0	GM1002-039
329486	377	4.000	3.750	6.000	1.125	10.3	9.7	9.1	-16.0	370	B, M	STD	JG3101-4000-7	GM1024-039
329487	378	4.005	3.750	6.000	1.125	10.3	9.7	9.1	-16.0	371	B	.005	JG3101-4000-7	GM1024-039
329488	379	4.010	3.750	6.000	1.125	10.3	9.7	9.2	-16.0	372	B, M	.010	JG3101-4010-4	GM1024-039
329489	381	4.020	3.750	6.000	1.125	10.4	9.8	9.2	-16.0	374	B, M	.020	JG3101-4020-2	GM1024-039
271061	383	4.030	3.750	6.000	1.125	10.4	9.8	9.3	-16.0	376	B	.030	JG31F1-4030-2	GM1002-039
329490	385	4.040	3.750	6.000	1.125	10.5	9.8	9.3	-16.0	378	B	.040	JG31F1-4040-2	GM1002-039
329491	388	4.060	3.750	6.000	1.125	10.6	9.9	9.4	-16.0	384	B, M	.060	JG31F1-4060-0	GM1002-039
361104	377	4.000	3.750	6.000	1.125	10.3	9.7	9.1	-16.0	370	2618, B, M	STD	JG3101-4000-7	GM1024-039
361105	378	4.005	3.750	6.000	1.125	10.3	9.7	9.1	-16.0	371	2618, B, M	.005	JG3101-4000-7	GM1024-039
361106	379	4.010	3.750	6.000	1.125	10.3	9.7	9.2	-16.0	372	2618, B, M	.010	JG3101-4010-4	GM1024-039
361107	381	4.020	3.750	6.000	1.125	10.4	9.8	9.2	-16.0	374	2618, B, M	.020	JG3101-4020-2	GM1024-039
361108	383	4.030	3.750	6.000	1.125	10.4	9.8	9.3	-16.0	376	2618, B	.030	JG31F1-4030-2	GM1002-039
361109	385	4.040	3.750	6.000	1.125	10.5	9.8	9.3	-16.0	378	2618, B	.040	JG31F1-4040-2	GM1002-039
361110	388	4.060	3.750	6.000	1.125	10.6	9.9	9.4	-16.0	384	2618, B	.060	JG3101-4060-0	GM1002-039
329492	377	4.000	3.750	5.700	1.425	10.3	9.7	9.1	-16.0	427	M	STD	JG3101-4000-7	GM1024-039
329493	378	4.005	3.750	5.700	1.425	10.3	9.7	9.1	-16.0	428		.005	JG3101-4000-7	GM1024-039
329494	379	4.010	3.750	5.700	1.425	10.3	9.7	9.2	-16.0	429	M	.010	JG3101-4010-4	GM1024-039
329495	381	4.020	3.750	5.700	1.425	10.4	9.8	9.2	-16.0	431	M	.020	JG3101-4020-2	GM1024-039
271062	383	4.030	3.750	5.700	1.425	10.4	9.8	9.3	-16.0	433		.030	JG31F1-4030-2	GM1002-039
329496	385	4.040	3.750	5.700	1.425	10.5	9.8	9.3	-16.0	435		.040	JG31F1-4040-2	GM1002-039
329497	388	4.060	3.750	5.700	1.425	10.6	9.9	9.4	-16.0	442	M	.060	JG31F1-4060-0	GM1002-039
329498	377	4.000	3.750	5.700	1.425	8.9	8.4	8.0	-31.0	443	M	STD	JG3101-4000-7	GM1024-039
329499	378	4.005	3.750	5.700	1.425	8.9	8.4	8.0	-31.0	444		.005	JG3101-4000-7	GM1024-039
329500	379	4.010	3.750	5.700	1.425	8.9	8.5	8.1	-31.0	445	M	.010	JG3101-4010-4	GM1024-039
329501	381	4.020	3.750	5.700	1.425	9.0	8.5	8.1	-31.0	447	M	.020	JG3101-4020-2	GM1024-039
279580	383	4.030	3.750	5.700	1.425	9.0	8.5	8.1	-31.0	449		.030	JG31F1-4030-2	GM1002-039
329502	385	4.040	3.750	5.700	1.425	9.0	8.6	8.2	-31.0	452		.040	JG31F1-4040-2	GM1002-039
329503	388	4.060	3.750	5.700	1.425	9.1	8.6	8.2	-31.0	460	M	.060	JG31F1-4060-0	GM1002-039
361087	377	4.000	3.750	5.700	1.425	10.3	9.7	9.1	-16.0	427	2618, M	STD	JG3101-4020-2	GM1024-039
361088	378	4.005	3.750	5.700	1.425	10.3	9.7	9.1	-16.0	428	2618, M	.005	JG3101-4000-7	GM1024-039
361089	379	4.010	3.750	5.700	1.425	10.3	9.7	9.2	-16.0	429	2618, M	.010	JG3101-4010-4	GM1024-039
361090	381	4.020	3.750	5.700	1.425	10.4	9.8	9.2	-16.0	431	2618, M	.020	JG3101-4020-2	GM1024-039
361091	383	4.030	3.750	5.700	1.425	10.4	9.8	9.3	-16.0	433	2618	.030	JG31F1-4030-2	GM1002-039
361092	385	4.040	3.750	5.700	1.425	10.5	9.8	9.3	-16.0	435	2618	.040	JG31F1-4040-2	GM1002-039
361093	388	4.060	3.750	5.700	1.425	11.6	9.9	9.4	-16.0	442	2618	.060	JG3101-4060-0	GM1002-039

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

PROFESSIONAL SERIES INVERTED DOME - 350 BLOCK Continued Std Bore: 4.000 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						58cc	64cc	70cc						
						Compression Ratio								
361094	377	4.000	3.750	5.700	1.425	8.9	8.4	8.0	-31.0	443	2618, M	STD	JG3101-4000-7	GM1024-039
361095	378	4.005	3.750	5.700	1.425	8.9	8.4	8.0	-31.0	444	2618, M	.005	JG3101-4000-7	GM1024-039
361096	379	4.010	3.750	5.700	1.425	8.9	8.5	8.1	-31.0	445	2618, M	.010	JG3101-4010-4	GM1024-039
361097	381	4.020	3.750	5.700	1.425	9.0	8.5	8.1	-31.0	447	2618, M	.020	JG3101-4020-2	GM1024-039
361098	383	4.030	3.750	5.700	1.425	9.0	8.5	8.1	-31.0	449	2618	.030	JG31F1-4030-2	GM1002-039
361099	385	4.040	3.750	5.700	1.425	9.0	8.6	8.2	-31.0	452	2618	.040	JG31F1-4040-2	GM1002-039
361100	388	4.060	3.750	5.700	1.425	9.1	8.6	8.2	-31.0	460	2618	.060	JG3101-4060-0	GM1002-039
329479	350	4.000	3.480	6.250	1.000	9.6	9.1	8.5	-16.0	332	A, B, M	STD	JG3101-4000-7	GM1024-039
329480	351	4.005	3.480	6.250	1.000	9.7	9.1	8.6	-16.0	333	A, B, M	.005	JG3101-4000-7	GM1024-039
329481	352	4.010	3.480	6.250	1.000	9.7	9.1	8.6	-16.0	334	A, B, M	.010	JG3101-4010-4	GM1024-039
329482	353	4.020	3.480	6.250	1.000	9.7	9.1	8.6	-16.0	336	A, B, M	.020	JG3101-4020-2	GM1024-039
271060	355	4.030	3.480	6.250	1.000	9.8	9.2	8.7	-16.0	338	A, B, M	.030	JG31F1-4030-2	GM1002-039
329483	357	4.040	3.480	6.250	1.000	9.8	9.2	8.7	-16.0	341	A, B, M	.040	JG31F1-4040-2	GM1002-039
329484	360	4.060	3.480	6.250	1.000	9.9	9.3	8.8	-16.0	347	A, B, M	.060	JG31F1-4060-0	GM1002-039
379397	350	4.000	3.480	6.250	1.000	9.6	9.1	8.5	-16.0		2618, A, B	STD	JG3108-4000-7	GM1024-039
379398	351	4.005	3.480	6.250	1.000	9.7	9.1	8.6	-16.0		2618, A, B	.005	JG3108-4000-7	GM1024-039
379399	352	4.010	3.480	6.250	1.000	9.7	9.1	8.6	-16.0		2618, A, B	.010	JG3108-4010-4	GM1024-039
379400	353	4.020	3.480	6.250	1.000	9.7	9.1	8.6	-16.0		2618, A, B	.020	JG3108-4020-2	GM1024-039
379401	355	4.030	3.480	6.250	1.000	9.8	9.2	8.7	-16.0		2618, A, B	.030	JG31F8-4030-2	GM1002-039
379402	357	4.040	3.480	6.250	1.000	9.8	9.2	8.7	-16.0		2618, A, B	.040	JG31F8-4040-2	GM1002-039
379403	360	4.060	3.480	6.250	1.000	9.9	9.3	8.8	-16.0		2618, A, B	.060	JG31F8-4060-0	GM1002-039
329486	350	4.000	3.480	6.125	1.125	9.6	9.1	8.5	-16.0	370	A, B, M	STD	JG3101-4000-7	GM1024-039
329487	351	4.005	3.480	6.125	1.125	9.7	9.1	8.6	-16.0	371	A, B	.005	JG3101-4000-7	GM1024-039
329488	352	4.010	3.480	6.125	1.125	9.7	9.1	8.6	-16.0	372	A, B, M	.010	JG3101-4010-4	GM1024-039
329489	353	4.020	3.480	6.125	1.125	9.7	9.1	8.6	-16.0	374	A, B	.020	JG3101-4020-2	GM1024-039
271061	355	4.030	3.480	6.125	1.125	9.8	9.2	8.7	-16.0	376	A, B	.030	JG31F1-4030-2	GM1002-039
329490	357	4.040	3.480	6.125	1.125	9.8	9.2	8.7	-16.0	378	A, B	.040	JG31F1-4040-2	GM1002-039
329491	360	4.060	3.480	6.125	1.125	9.9	9.3	8.8	-16.0	384	A, B, M	.060	JG31F1-4060-0	GM1002-039
361104	350	4.000	3.480	6.125	1.125	9.6	9.1	8.5	-16.0	370	2618, A, B, M	STD	JG3101-4000-7	GM1024-039
361105	351	4.005	3.480	6.125	1.125	9.7	9.1	8.6	-16.0	371	2618, A, B, M	.005	JG3101-4000-7	GM1024-039
361106	352	4.010	3.480	6.125	1.125	9.7	9.1	8.6	-16.0	372	2618, A, B, M	.010	JG3101-4010-4	GM1024-039
361107	353	4.020	3.480	6.125	1.125	9.7	9.1	8.6	-16.0	374	2618, A, B, M	.020	JG3101-4020-2	GM1024-039
361108	355	4.030	3.480	6.125	1.125	9.8	9.2	8.7	-16.0	376	2618, A, B	.030	JG31F1-4030-2	GM1002-039
361109	357	4.040	3.480	6.125	1.125	9.8	9.2	8.7	-16.0	378	2618, A, B	.040	JG31F1-4040-2	GM1002-039
361110	360	4.060	3.480	6.125	1.125	9.9	9.3	8.8	-16.0	384	2618, A, B	.060	JG3101-4060-0	GM1002-039
378124	350	4.000	3.480	5.700	1.560	9.6	9.1	8.5	-16.0	453	A, M	STD	JG3108-4000-7	GM1024-039
378125	351	4.005	3.480	5.700	1.560	9.7	9.1	8.6	-16.0	454	A, M	.005	JG3108-4000-7	GM1024-039
378126	352	4.010	3.480	5.700	1.560	9.7	9.1	8.6	-16.0	455	A, M	.010	JG3108-4010-4	GM1024-039
378127	353	4.020	3.480	5.700	1.560	9.7	9.1	8.6	-16.0	457	A, M	.020	JG3108-4020-2	GM1024-039
378128	355	4.030	3.480	5.700	1.560	9.8	9.2	8.7	-16.0	459	A, M	.030	JG31F8-4030-2	GM1002-039
378129	357	4.040	3.480	5.700	1.560	9.8	9.2	8.7	-16.0	462	A, M	.040	JG31F8-4040-2	GM1002-039
378130	360	4.060	3.480	5.700	1.560	9.9	9.3	8.8	-16.0	465	A, M	.060	JG31F8-4060-0	GM1002-039
329504	350	4.000	3.480	5.700	1.560	8.9	8.4	8.0	-24.0	453	A	STD	JG3101-4000-7	GM1024-039
329505	351	4.005	3.480	5.700	1.560	8.9	8.4	8.0	-24.0	454	A	.005	JG3101-4000-7	GM1024-039
329506	352	4.010	3.480	5.700	1.560	8.9	8.5	8.0	-24.0	455	A	.010	JG3101-4010-4	GM1024-039
329507	353	4.020	3.480	5.700	1.560	9.0	8.5	8.0	-24.0	457	A	.020	JG3101-4020-2	GM1024-039
279581	355	4.030	3.480	5.700	1.560	9.0	8.5	8.0	-24.0	459	A	.030	JG31F1-4030-2	GM1002-039
329508	357	4.040	3.480	5.700	1.560	9.0	8.5	8.1	-24.0	462	A	.040	JG31F1-4040-2	GM1002-039
329509	360	4.060	3.480	5.700	1.560	9.1	8.6	8.2	-24.0	465	A	.060	JG31F1-4060-0	GM1002-039

PROFESSIONAL SERIES INVERTED DOME - 400 BLOCK Std Bore: 4.125 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						58cc	64cc	70cc						
						Compression Ratio								
329511	428	4.125	4.000	6.000	1.000	11.4	10.8	10.2	-16.0	343	B	STD	JG31F1-4125-2	GM1003-039
329512	429	4.130	4.000	6.000	1.000	11.5	10.8	10.2	-16.0	344	B, M	.005	JG31F1-4130-0	GM1004-039
329513	430	4.135	4.000	6.000	1.000	11.5	10.8	10.2	-16.0	345	B, M	.010	JG31F1-4135-2	GM1004-039
271067	434	4.155	4.000	6.000	1.000	11.6	10.9	10.3	-16.0	349	B	.030	JG31F1-4155-3	GM1004-039
367123	428	4.125	4.000	6.000	1.000	11.4	10.8	10.2	-16.0	343	2618, B	STD	JG31F1-4125-2	GM1003-039
367124	429	4.130	4.000	6.000	1.000	11.5	10.8	10.2	-16.0	343	2618, B	.005	JG31F8-4130-0	GM1004-039
367125	430	4.135	4.000	6.000	1.000	11.5	10.8	10.2	-16.0	345	2618, B	.010	JG31F1-4135-2	GM1004-039
367126	434	4.155	4.000	6.000	1.000	11.6	10.9	10.3	-16.0	349	2618, B	.030	JG31F1-4155-3	GM1004-039
329515	414	4.125	3.875	6.000	1.062	11.2	10.5	9.9	-16.0	375	B	STD	JG31F1-4125-2	GM1003-039
329516	415	4.130	3.875	6.000	1.062	11.2	10.5	9.9	-16.0	377	B, M	.005	JG31F1-4130-0	GM1004-039
329517	416	4.135	3.875	6.000	1.062	11.2	10.5	9.9	-16.0	376	B, M	.010	JG31F1-4135-2	GM1004-039
271068	420	4.155	3.875	6.000	1.062	11.3	10.6	10.0	-16.0	381	B	.030	JG31F1-4155-3	GM1004-039
378405	414	4.125	3.875	6.000	1.062	11.2	10.5	9.9	-16.0	375	2618, B	STD	JG31F8-4125-2	GM1003-039
378406	415	4.130	3.875	6.000	1.062	11.2	10.5	9.9	-16.0	377	2618, B	.005	JG31F8-4135-2	GM1004-039
378407	416	4.135	3.875	6.000	1.062	11.2	10.5	9.9	-16.0	376	2618, B	.010	JG31F8-4135-2	GM1004-039
378408	420	4.155	3.875	6.000	1.062	11.3	10.6	10.0	-16.0	381	2618, B	.030	JG31F8-4155-3	GM1004-039
329518	401	4.125	3.750	6.000	1.125	10.8	10.2	9.6	-16.0	385	B	STD	JG31F1-4125-2	GM1003-039
329519	402	4.130	3.750	6.000	1.125	10.9	10.2	9.6	-16.0	386	B, M	.005	JG31F1-4130-0	GM1004-039
329520	403	4.135	3.750	6.000	1.125	10.9	10.2	9.6	-16.0	387	B, M	.010	JG31F1-4135-2	GM1004-039
271069	407	4.155	3.750	6.000	1.125	11.0	10.3	9.7	-16.0	391	B	.030	JG31F1-4155-3	GM1004-039
378409	401	4.125	3.750	6.000	1.125	10.8	10.2	9.6	-16.0	385	2618, B	STD	JG31F8-4125-2	GM1003-039
378410	402	4.130	3.750	6.000	1.125	10.9	10.2	9.6	-16.0	386	2618, B	.005	JG31F8-4135-2	GM1004-039
378411	403	4.135	3.750	6.000	1.125	10.9	10.2	9.6	-16.0	387	2618, B	.010	JG31F8-4135-2	GM1004-039
378412	407	4.155	3.750	6.000	1.125	11.0	10.3	9.7	-16.0	391	2618, B	.030	JG31F8-4155-3	GM1004-039
329511	372	4.125	3.480	6.250	1.000	10.1	9.5	9.0	-16.0	343	A, B	STD	JG31F1-4125-2	GM1003-039
329512	373	4.130	3.480	6.250	1.000	10.1	9.5	9.0	-16.0	344	A, B, M	.005	JG31F1-4130-0	GM1004-039
329513	374	4.135	3.480	6.250	1.000	10.2	9.6	9.0	-16.0	345	A, B, M	.010	JG31F1-4135-2	GM1004-039
271067	377	4.155	3.480	6.250	1.000	10.3	9.6	9.1	-16.0	349	A, B	.030	JG31F1-4155-3	GM1004-039
367123	372	4.125	3.480	6.250	1.000	10.1	9.5	9.0	-16.0	343	2618, A, B	STD	JG31F1-4125-2	GM1003-039
367124	373	4.130	3.480	6.250	1.000	10.1	9.5	9.0	-16.0	343	2618, A, B	.005	JG31F8-4130-0	GM1004-039
367125	374	4.135	3.480	6.250	1.000	10.2	9.6	9.0	-16.0	345	2618, A, B	.010	JG31F1-4135-2	GM1004-039
367126	377	4.155	3.480	6.250	1.000	10.3	9.6	9.1	-16.0	349	2618, A, B	.030	JG31F1-4155-3	GM1004-039
329518	372	4.125	3.480	6.125	1.125	10.1	9.5	9.0	-16.0	385	A, B	STD	JG31F1-4125-2	GM1003-039
329519	373	4.130	3.480	6.125	1.125	10.1	9.5	9.0	-16.0	386	A, B	.005	JG31F1-4130-0	GM1004-039
329520	374	4.135	3.480	6.125	1.125	10.2	9.6	9.0	-16.0	387	A, B, M	.010	JG31F1-4135-2	GM1004-039
271069	377	4.155	3.480	6.125	1.125	10.3	9.6	9.1	-16.0	391	A, B	.030	JG31F1-4155-3	GM1004-039

305 SPRINT CAR FLAT TOP

Advanced, lightweight FSR forging. Stronger than traditional designs but up to 20% lighter. Forged from low-silicon wrought 2618 aluminum alloy

Features:
Accumulator grooves for improved ring seal
Specifically designed for alcohol Sprint Car competition

Rings Included:
Lightweight, low friction 1.2mm, 1.2mm, 2.5mm ring package included
Top Ring: Chrome steel, 2nd ring: cast taper, Oil ring: standard tension
File-to-fit

Pins and Locks:
High quality .927" X 2.250" pin further reduces reciprocating weight
Carbon steel wire locks included

Professional Series Flat Top - 305 Block Std Bore: 3.736 Ring package designed for: 1.2mm, 1.2mm, 2.5mm Premium Rings Included														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							62cc							
						Compression Ratio								
306842	308	3.756	3.480	5.700	1.560		9.7		-3.1	374	2618	.020	JC2806-3760	
293532	310	3.766	3.480	5.700	1.560		9.7		-3.1	377	2618	.030	JC2806-3770	
293533	312	3.776	3.480	5.700	1.560		9.7		-3.1	382	2618	.040	SWN30131-2	
295562	313	3.786	3.480	5.700	1.560		9.8		-3.1	386	2618	.050	JC2806-3789	
293534	315	3.796	3.480	5.700	1.560		9.8		-3.1	389	2618	.060	JC2806-3799	

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

GM PERFORMANCE 602 & 604 CRATE ENGINE

Advanced, lightweight FSR forging that eliminates stress concentrations for superior strength. Stronger than traditional designs but up to 20% lighter. High-silicon 4032 aluminum alloy for reduced piston-to-wall clearance and quiet operation.

Features:
Accumulator grooves for improved ring seal

Rings Included:
Lightweight, low friction metric ring package
1.2mm CARBON STEEL top ring, 1.5mm Napier 2nd ring, 3.0mm standard tension oil ring
Minimal filing required

Pins and Locks:
High quality .927" X 2.250" pin further reduces reciprocating weight
Carbon steel wire locks included

GM 602 Crate Replacement Series (4 Valve Dish)	Std Bore:	Ring package designed for:												
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 58cc / Compression Ratio	64cc / Compression Ratio	70cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
324858	351	4.005	3.480	5.700	1.560	10.3	9.7	9.1	-10.0	469		.005	JG3108-4000-7	GM1024-039
324859	353	4.020	3.480	5.700	1.560	10.4	9.7	9.1	-10.0	479	M	.020	JG3108-4020-2	GM1024-039
324860	355	4.030	3.480	5.700	1.560	10.4	9.8	9.2	-10.0	480	M	.030	JG31F8-4030-2	GM1024-039
324861	378	4.005	3.750	6.000	1.125	11.1	10.3	9.7	-10.0	417		.005	JG3108-4000-7	GM1024-039
324862	381	4.020	3.750	6.000	1.125	11.1	10.4	9.8	-10.0	427	M	.020	JG3108-4020-2	GM1024-039
324863	383	4.030	3.750	6.000	1.125	11.2	10.4	9.8	-10.0	430	M	.030	JG31F8-4030-2	GM1024-039
GM 604 Crate Replacement Series (4 Valve Flat Top)	**Std Bore:**	**Ring package designed for:**												
324864	351	4.005	3.480	5.700	1.560	11.1	10.3	9.6	-4.5	484		.005	JG3108-4000-7	GM1024-039
324865	353	4.020	3.480	5.700	1.560	11.1	10.3	9.7	-4.5	492	M	.020	JG3108-4020-2	GM1024-039
324866	355	4.030	3.480	5.700	1.560	11.2	10.4	9.7	-4.5	496	M	.030	JG31F8-4030-2	GM1024-039
324867	378	4.005	3.750	6.000	1.125	11.8	11.0	10.3	-4.5	432		.005	JG3108-4000-7	GM1024-039
324868	381	4.020	3.750	6.000	1.125	11.9	11.1	10.3	-4.5	441	M	.020	JG3108-4020-2	GM1024-039
324869	383	4.030	3.750	6.000	1.125	12.0	11.1	10.4	-4.5	442	M	.030	JG31F8-4030-2	GM1024-039

WINDSOR FLAT TOP & INVERTED DOME

Advanced, lightweight FSR forging that eliminates stress concentrations for superior strength. Stronger than traditional designs but up to 20% lighter.

Features:
Accumulator grooves for improved ring seal
Thick top ring lands to accommodate moderate forced induction/nitrous applications

Rings Included:
Lightweight, low friction metric ring package
1.2mm CARBON STEEL top ring, 1.5mm Napier 2nd ring, 3.0mm standard tension oil ring
Minimal filing required

Pins and Locks:
High quality 2.250" pin further reduces reciprocating weight
Carbon steel wire locks included

PROFESSIONAL SERIES FLAT TOP - 302 BLOCK	Std Bore: 4.000	Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included												
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 58cc / Compression Ratio	64cc / Compression Ratio	70cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
329534	302	4.000	3.000	5.090	1.600	9.6	8.9	8.4	-5.0	456	D,M	STD	JG3108-4000-7	FD1001-039
329535	302	4.005	3.000	5.090	1.600	9.6	8.9	8.4	-5.0	458	D,M	.005	JG3108-4000-7	FD1001-039
329536	303	4.010	3.000	5.090	1.600	9.6	8.9	8.4	-5.0	460	D,M	.010	JG3108-4010-4	FD1001-039
329537	305	4.020	3.000	5.090	1.600	9.7	9.0	8.4	-5.0	462	D,M	.020	JG3108-4020-2	FD1001-039
279670	306	4.030	3.000	5.090	1.600	9.7	9.0	8.4	-5.0	470	D,M	.030	JG31F8-4030-2	FD1001-039
321403	308	4.040	3.000	5.090	1.600	9.7	9.0	8.4	-5.0	471	D,M	.040	JG31F8-4040-2	FD1001-039
329538	311	4.060	3.000	5.090	1.600	9.8	9.1	8.6	-5.0	478	D,M	.060	JG31F8-4060-0	FD1001-039
329555	302	4.000	3.000	5.400	1.300	9.6	8.9	8.4	-5.0		M	STD	JG3101-4000-7	FD1001-039
329556	302	4.005	3.000	5.400	1.300	9.6	8.9	8.4	-5.0			.005	JG3101-4000-7	FD1001-039
329557	303	4.010	3.000	5.400	1.300	9.6	8.9	8.4	-5.0		M	.010	JG3101-4010-4	FD1001-039
329558	305	4.020	3.000	5.400	1.300	9.7	9.0	8.4	-5.0		M	.020	JG3101-4020-2	FD1001-039
329559	306	4.030	3.000	5.400	1.300	9.7	9.0	8.4	-5.0			.030	JG31F1-4030-2	FD1001-039
329560	308	4.040	3.000	5.400	1.300	9.7	9.0	8.4	-5.0			.040	JG31F1-4040-2	FD1001-039
329561	311	4.060	3.000	5.400	1.300	9.8	9.1	8.6	-5.0		M	.060	JG31F1-4060-0	FD1001-039
367188	302	4.000	3.000	5.400	1.300	9.6	8.9	8.4	-5.0		2618, B,M	STD	JG3101-4000-7	FD1001-039
367189	302	4.005	3.000	5.400	1.300	9.6	8.9	8.4	-5.0		2618, B,M	.005	JG3101-4000-7	FD1001-039
367190	303	4.010	3.000	5.400	1.300	9.6	8.9	8.4	-5.0		2618, B,M	.010	JG3101-4010-4	FD1001-039
367191	305	4.020	3.000	5.400	1.300	9.7	9.0	8.4	-5.0		2618, B,M	.020	JG3101-4020-2	FD1001-039
367192	306	4.030	3.000	5.400	1.300	9.7	9.0	8.4	-5.0		2618, B,M	.030	JG31F1-4030-2	FD1001-039
367193	308	4.040	3.000	5.400	1.300	9.7	9.0	8.4	-5.0		2618, B,M	.040	JG31F1-4040-2	FD1001-039
367194	311	4.060	3.000	5.400	1.300	9.8	9.1	8.6	-5.0		2618, B,M	.060	JG3101-4060-0	FD1001-039
329539	312	4.000	3.100	5.400	1.230	9.9	9.2	8.6	-5.0	391	M	STD	JG3101-4000-7	FD1001-039

PROFESSIONAL SERIES FLAT TOP - 302 BLOCK Std Bore: 4.000 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						58cc	64cc	70cc						
						Compression Ratio								
329540	312	4.005	3.100	5.400	1.230	9.9	9.2	8.6	-5.0	393	M	.005	JG3101-4000-7	FD1001-039
329541	313	4.010	3.100	5.400	1.230	9.9	9.2	8.6	-5.0	395	M	.010	JG3101-4010-4	FD1001-039
329542	315	4.020	3.100	5.400	1.230	9.9	9.3	8.7	-5.0	397	M	.020	JG3101-4020-2	FD1001-039
279671	316	4.030	3.100	5.400	1.230	10.0	9.3	8.7	-5.0	417	M	.030	JG31F1-4030-2	FD1001-039
321404	318	4.040	3.100	5.400	1.230	10.0	9.3	8.7	-5.0	423	M	.040	JG31F1-4040-2	FD1001-039
329543	321	4.060	3.100	5.400	1.230	10.1	9.4	8.8	-5.0	427	M	.060	JG31F1-4060-0	FD1001-039
367161	312	4.000	3.100	5.400	1.230	9.9	9.2	8.6	-5.0	391	2618, B,M	STD	JG3101-4000-7	FD1001-039
367162	312	4.005	3.100	5.400	1.230	9.9	9.2	8.6	-5.0	393	2618, B,M	.005	JG3101-4000-7	FD1001-039
367163	313	4.010	3.100	5.400	1.230	9.9	9.2	8.6	-5.0	395	2618, B,M	.010	JG3101-4010-4	FD1001-039
367164	315	4.020	3.100	5.400	1.230	9.9	9.3	8.7	-5.0	397	2618, B,M	.020	JG3101-4020-2	FD1001-039
367165	316	4.030	3.100	5.400	1.230	10.0	9.3	8.7	-5.0	399	2618, B	.030	JG31F1-4030-2	FD1001-039
367166	318	4.040	3.100	5.400	1.230	10.0	9.3	8.7	-5.0	423	2618, B	.040	JG31F1-4040-2	FD1001-039
367167	321	4.060	3.100	5.400	1.230	10.1	9.4	8.8	-5.0	427	2618, B	.060	JG3101-4060-0	FD1001-039
329544	327	4.000	3.250	5.400	1.165	10.3	9.6	9.0	-5.0	401	B,M	STD	JG3101-4000-7	FD1001-039
329545	328	4.005	3.250	5.400	1.165	10.3	9.6	9.0	-5.0	402	B	.005	JG3101-4000-7	FD1001-039
329546	328	4.010	3.250	5.400	1.165	10.3	9.6	9.0	-5.0	403	B,M	.010	JG3101-4010-4	FD1001-039
329547	330	4.020	3.250	5.400	1.165	10.4	9.7	9.0	-5.0	405	B,M	.020	JG3101-4020-2	FD1001-039
271097	331	4.030	3.250	5.400	1.165	10.4	9.7	9.1	-5.0	407	B	.030	JG31F1-4030-2	FD1001-039
326025	333	4.040	3.250	5.400	1.165	10.5	9.8	9.1	-5.0	409	B	.040	JG31F1-4040-2	FD1001-039
329548	337	4.060	3.250	5.400	1.165	10.5	9.8	9.2	-5.0	414	B,M	.060	JG31F1-4060-0	FD1001-039
367174	327	4.000	3.250	5.400	1.165	10.3	9.6	9.0	-5.0	401	2618, B,M	STD	JG3101-4000-7	FD1001-039
367175	328	4.005	3.250	5.400	1.165	10.3	9.6	9.0	-5.0	402	2618, B,M	.005	JG3101-4000-7	FD1001-039
367176	328	4.010	3.250	5.400	1.165	10.3	9.6	9.0	-5.0	403	2618, B,M	.010	JG3101-4010-4	FD1001-039
367177	330	4.020	3.250	5.400	1.165	10.4	9.7	9.0	-5.0	405	2618, B,M	.020	JG3101-4020-2	FD1001-039
367178	331	4.030	3.250	5.400	1.165	10.4	9.7	9.1	-5.0	407	2618, B	.030	JG3101-4030-2	FD1001-039
367179	333	4.040	3.250	5.400	1.165	10.5	9.8	9.1	-5.0	409	2618, B	.040	JG31F1-4040-2	FD1001-039
367180	337	4.060	3.250	5.400	1.165	10.5	9.8	9.2	-5.0	414	2618, B	.060	JG3101-4060-0	FD1001-039
329549	342	4.000	3.400	5.400	1.100	10.7	10.0	9.3	-5.0	385	B,M	STD	JG3101-4000-7	FD1001-039
329550	343	4.005	3.400	5.400	1.100	10.7	10.0	9.4	-5.0	386	B	.005	JG3101-4000-7	FD1001-039
329551	344	4.010	3.400	5.400	1.100	10.8	10.0	9.4	-5.0	388	B,M	.010	JG3101-4010-4	FD1001-039
329552	345	4.020	3.400	5.400	1.100	10.8	10.1	9.4	-5.0	391	B,M	.020	JG3101-4020-2	FD1001-039
271099	347	4.030	3.400	5.400	1.100	10.9	10.1	9.5	-5.0	395	B	.030	JG31F1-4030-2	FD1001-039
279524	348	4.040	3.400	5.400	1.100	10.9	10.2	9.5	-5.0	399	B	.040	JG31F1-4040-2	FD1001-039
329553	352	4.060	3.400	5.400	1.100	11.0	10.2	9.6	-5.0	404	B,M	.060	JG31F1-4060-0	FD1001-039
367181	342	4.000	3.400	5.400	1.100	10.7	10.0	9.3	-5.0	385	2618, B,M	STD	JG3101-4000-7	FD1001-039
367182	343	4.005	3.400	5.400	1.100	10.7	10.0	9.4	-5.0	386	2618, B,M	.005	JG3101-4000-7	FD1001-039
367183	344	4.010	3.400	5.400	1.100	10.8	10.0	9.4	-5.0	388	2618, B,M	.010	JG3101-4010-4	FD1001-039
367184	345	4.020	3.400	5.400	1.100	10.8	10.1	9.4	-5.0	391	2618, B,M	.020	JG3101-4020-2	FD1001-039
367185	347	4.030	3.400	5.400	1.100	10.9	10.1	9.5	-5.0	395	2618, B,M	.030	JG31F8-4030-2	FD1001-039
367186	348	4.040	3.400	5.400	1.100	10.9	10.2	9.5	-5.0	399	2618, B,M	.040	JG31F1-4040-2	FD1001-039
367187	352	4.060	3.400	5.400	1.100	11.0	10.2	9.6	-5.0	404	2618, B,M	.060	JG31F1-4060-0	FD1001-039
PROFESSIONAL SERIES FLAT TOP - 351W BLOCK Std Bore: 4.000 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included														
329534	387	4.000	3.850	5.956	1.600	12.0	11.2	10.4	-5.0	456	D,M	STD	JG3108-4000-7	FD1001-039
329535	388	4.005	3.850	5.956	1.600	12.0	11.2	10.5	-5.0	458	D,M	.005	JG3108-4000-7	FD1001-039
329536	389	4.010	3.850	5.956	1.600	12.1	11.2	10.5	-5.0	460	D,M	.010	JG3108-4010-4	FD1001-039
329537	391	4.020	3.850	5.956	1.600	12.1	11.3	10.5	-5.0	462	D,M	.020	JG3108-4020-2	FD1001-039
279670	392	4.030	3.850	5.956	1.600	12.2	11.3	10.6	-5.0	470	D,M	.030	JG31F8-4030-2	FD1001-039
321403	395	4.040	3.850	5.956	1.600	12.2	11.3	10.6	-5.0	471	D,M	.040	JG31F8-4040-2	FD1001-039
329538	399	4.060	3.850	5.956	1.600	12.3	11.4	10.7	-5.0	478	D,M	.060	JG31F8-4060-0	FD1001-039
329555	402	4.000	4.000	6.200	1.300	12.4	11.6	10.8	-5.0		M	STD	JG3101-4000-7	FD1001-039
329556	403	4.005	4.000	6.200	1.300	12.5	11.6	10.8	-5.0			.005	JG3101-4000-7	FD1001-039
329557	404	4.010	4.000	6.200	1.300	12.5	11.6	10.9	-5.0		M	.010	JG3101-4010-4	FD1001-039
329558	406	4.020	4.000	6.200	1.300	12.5	11.7	10.9	-5.0		M	.020	JG3101-4020-2	FD1001-039
329559	408	4.030	4.000	6.200	1.300	12.6	11.7	10.9	-5.0			.030	JG31F1-4030-2	FD1001-039
329560	410	4.040	4.000	6.200	1.300	12.6	11.8	11.0	-5.0			.040	JG31F1-4040-2	FD1001-039
329561	414	4.060	4.000	6.200	1.300	12.7	11.8	11.1	-5.0		M	.060	JG31F1-4060-0	FD1001-039

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

PROFESSIONAL SERIES FLAT TOP - 351W BLOCK Continued Std Bore: 4.000 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						58cc	64cc	70cc						
						Compression Ratio								
367188	402	4.000	4.000	6.200	1.300	12.4	11.6	10.8	-5.0		2618, B,M	STD	JG3101-4000-7	FD1001-039
367189	403	4.005	4.000	6.200	1.300	12.5	11.6	10.8	-5.0		2618, B,M	.005	JG3101-4000-7	FD1001-039
367190	404	4.010	4.000	6.200	1.300	12.5	11.6	10.9	-5.0		2618, B,M	.010	JG3101-4010-4	FD1001-039
367191	406	4.020	4.000	6.200	1.300	12.5	11.7	10.9	-5.0		2618, B,M	.020	JG3101-4020-2	FD1001-039
367192	408	4.030	4.000	6.200	1.300	12.6	11.7	10.9	-5.0		2618, B,M	.030	JG31F1-4030-2	FD1001-039
367193	410	4.040	4.000	6.200	1.300	12.6	11.8	11.0	-5.0		2618, B,M	.040	JG31F1-4040-2	FD1001-039
367194	414	4.060	4.000	6.200	1.300	12.7	11.8	11.1	-5.0		2618, B,M	.060	JG3101-4060-0	FD1001-039
329539	402	4.000	4.000	6.250	1.230	12.4	11.6	10.8	-5.0	391	M	STD	JG3101-4000-7	FD1001-039
329540	403	4.005	4.000	6.250	1.230	12.5	11.6	10.8	-5.0	393		.005	JG3101-4000-7	FD1001-039
329541	404	4.010	4.000	6.250	1.230	12.5	11.6	10.9	-5.0	395	M	.010	JG3101-4010-4	FD1001-039
329542	406	4.020	4.000	6.250	1.230	12.5	11.7	10.9	-5.0	397	M	.020	JG3101-4020-2	FD1001-039
279671	408	4.030	4.000	6.250	1.230	12.6	11.7	11.0	-5.0	417	M	.030	JG31F1-4030-2	FD1001-039
321404	410	4.040	4.000	6.250	1.230	12.6	11.7	11.0	-5.0	423	M	.040	JG31F1-4040-2	FD1001-039
329543	414	4.060	4.000	6.250	1.230	12.7	11.8	11.1	-5.0	427	M	.060	JG31F1-4060-0	FD1001-039
329539	412	4.000	4.100	6.200	1.230	12.7	11.8	11.1	-5.0	391	M	STD	JG3101-4000-7	FD1001-039
329540	413	4.005	4.100	6.200	1.230	12.8	11.8	11.1	-5.0	393	M	.005	JG3101-4000-7	FD1001-039
329541	414	4.010	4.100	6.200	1.230	12.8	11.9	11.1	-5.0	395	M	.010	JG3101-4010-4	FD1001-039
329542	416	4.020	4.100	6.200	1.230	12.8	11.9	11.1	-5.0	397	M	.020	JG3101-4020-2	FD1001-039
279671	418	4.030	4.100	6.200	1.230	12.9	12.0	11.2	-5.0	417	M	.030	JG31F1-4030-2	FD1001-039
321404	420	4.040	4.100	6.200	1.230	12.9	12.0	11.2	-5.0	423	M	.040	JG31F1-4040-2	FD1001-039
329543	425	4.060	4.100	6.200	1.230	13.0	12.1	11.3	-5.0	427	M	.060	JG31F1-4060-0	FD1001-039
367161	402	4.000	4.000	6.250	1.230	12.4	11.6	10.8	-5.0	391	2618, B, M	STD	JG3101-4000-7	FD1001-039
367162	403	4.005	4.000	6.250	1.230	12.5	11.6	10.8	-5.0	393	2618, B, M	.005	JG3101-4000-7	FD1001-039
367163	404	4.010	4.000	6.250	1.230	12.5	11.6	10.9	-5.0	395	2618, B, M	.010	JG3101-4010-4	FD1001-039
367164	406	4.020	4.000	6.250	1.230	12.5	11.7	10.9	-5.0	397	2618, B, M	.020	JG3101-4020-2	FD1001-039
367165	408	4.030	4.000	6.250	1.230	12.6	11.7	11.0	-5.0	399	2618, B	.030	JG31F1-4030-2	FD1001-039
367166	410	4.040	4.000	6.250	1.230	12.6	11.7	11.0	-5.0	423	2618, B	.040	JG31F1-4040-2	FD1001-039
367167	414	4.060	4.000	6.250	1.230	12.7	11.8	11.1	-5.0	427	2618, B	.060	JG3101-4060-0	FD1001-039
367161	412	4.000	4.100	6.200	1.230	12.7	11.8	11.1	-5.0	391	2618, B, M	STD	JG3101-4000-7	FD1001-039
367162	413	4.005	4.100	6.200	1.230	12.8	11.8	11.1	-5.0	393	2618, B, M	.005	JG3101-4000-7	FD1001-039
367163	414	4.010	4.100	6.200	1.230	12.8	11.9	11.1	-5.0	395	2618, B, M	.010	JG3101-4010-4	FD1001-039
367164	416	4.020	4.100	6.200	1.230	12.8	11.9	11.1	-5.0	397	2618, B, M	.020	JG3101-4020-2	FD1001-039
367165	418	4.030	4.100	6.200	1.230	12.9	12.0	11.2	-5.0	399	2618, B	.030	JG31F1-4030-2	FD1001-039
367166	420	4.040	4.100	6.200	1.230	12.9	12.0	11.2	-5.0	423	2618, B	.040	JG31F1-4040-2	FD1001-039
367167	425	4.060	4.100	6.200	1.230	13.0	12.1	11.3	-5.0	427	2618, B	.060	JG3101-4060-0	FD1001-039
329549	427	4.000	4.250	6.250	1.100	13.2	12.2	11.4	-5.0	385	B,M	STD	JG3101-4000-7	FD1001-039
329550	428	4.005	4.250	6.250	1.100	13.2	12.2	11.4	-5.0	386	B,M	.005	JG3101-4000-7	FD1001-039
329551	429	4.010	4.250	6.250	1.100	13.2	12.3	11.5	-5.0	388	B,M	.010	JG3101-4010-4	FD1001-039
329552	432	4.020	4.250	6.250	1.100	13.3	12.3	11.5	-5.0	391	B,M	.020	JG3101-4020-2	FD1001-039
271099	434	4.030	4.250	6.250	1.100	13.3	12.4	11.6	-5.0	395	B	.030	JG31F1-4030-2	FD1001-039
279524	435	4.040	4.250	6.250	1.100	13.4	12.4	11.6	-5.0	399	B,M	.040	JG31F1-4040-2	FD1001-039
329553	440	4.060	4.250	6.250	1.100	13.5	12.5	11.7	-5.0	404	B,M	.060	JG31F1-4060-0	FD1001-039
367181	427	4.000	4.250	6.250	1.100	13.2	12.2	11.4	-5.0	385	2618, B,M	STD	JG3101-4000-7	FD1001-039
367182	428	4.005	4.250	6.250	1.100	13.2	12.2	11.4	-5.0	386	2618, B,M	.005	JG3101-4000-7	FD1001-039
367183	429	4.010	4.250	6.250	1.100	13.2	12.3	11.5	-5.0	388	2618, B,M	.010	JG3101-4010-4	FD1001-039
367184	432	4.020	4.250	6.250	1.100	13.3	12.3	11.5	-5.0	391	2618, B,M	.020	JG3101-4020-2	FD1001-039
367185	434	4.030	4.250	6.250	1.100	13.3	12.4	11.6	-5.0	395	2618, B,M	.030	JG31F8-4030-2	FD1001-039
367186	435	4.040	4.250	6.250	1.100	13.4	12.4	11.6	-5.0	399	2618, B,M	.040	JG31F1-4040-2	FD1001-039
367187	440	4.060	4.250	6.250	1.100	13.5	12.5	11.7	-5.0	404	2618, B,M	.060	JG31F1-4060-0	FD1001-039




PROFESSIONAL SERIES FLAT TOP Std Bore: 4.125 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio 58cc	64cc	70cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
378873	428	4.125	4.000	6.200	1.290	13.1	12.2	11.4	-5.0		2618	STD	JG31F8-4125-2	FD1018-039
378874	430	4.135	4.000	6.200	1.290	13.2	12.2	11.4	-5.0		2618	.010	JG31F8-4135-2	FD1018-039
378875	432	4.145	4.000	6.200	1.290	13.2	12.3	11.5	-5.0		2618	.020	JG31F8-4145-2	
378876	434	4.155	4.000	6.200	1.290	13.3	12.3	11.5	-5.0		2618	.030	JG31F8-4155-3	
378877	428	4.125	4.000	6.250	1.240	13.1	12.2	11.4	-5.0		2618	STD	JG31F8-4125-2	FD1018-039
378878	430	4.135	4.000	6.250	1.240	13.2	12.2	11.4	-5.0		2618	.010	JG31F8-4135-2	FD1018-039
378879	432	4.145	4.000	6.250	1.240	13.2	12.3	11.5	-5.0		2618	.020	JG31F8-4145-2	
378880	434	4.155	4.000	6.250	1.240	13.3	12.3	11.5	-5.0		2618	.030	JG31F8-4155-3	
378877	438	4.125	4.100	6.200	1.240	13.4	12.5	11.7	-5.0		2618	STD	JG31F8-4125-2	FD1018-039
378878	440	4.135	4.100	6.200	1.240	13.5	12.5	11.7	-5.0		2618	.010	JG31F8-4135-2	FD1018-039
378879	443	4.145	4.100	6.200	1.240	13.5	12.6	11.7	-5.0		2618	.020	JG31F8-4145-2	
378880	445	4.155	4.100	6.200	1.240	13.6	12.6	11.8	-5.0		2618	.030	JG31F8-4155-3	
378881	454	4.125	4.250	6.250	1.090	13.9	12.9	12.0	-5.0		2618	STD	JG31F8-4125-2	FD1018-039
378882	457	4.135	4.250	6.250	1.090	13.9	12.9	12.1	-5.0		2618	.010	JG31F8-4135-2	FD1018-039
378883	459	4.145	4.250	6.250	1.090	14.0	13.0	12.1	-5.0		2618	.020	JG31F8-4145-2	
378884	461	4.155	4.250	6.250	1.090	14.0	13.0	12.2	-5.0		2618	.030	JG31F8-4155-3	
PROFESSIONAL SERIES INVERTED DOME - 302 BLOCK Std Bore: 4.000 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included														
329590	302	4.000	3.000	5.400	1.300	8.2	7.7	7.3	-19.0	395	M	STD	JG3101-4000-7	FD1001-039
329591	302	4.005	3.000	5.400	1.300	8.2	7.8	7.3	-19.0	396		.005	JG3101-4000-7	FD1001-039
329592	303	4.010	3.000	5.400	1.300	8.3	7.8	7.3	-19.0	397	M	.010	JG3101-4010-4	FD1001-039
329593	305	4.020	3.000	5.400	1.300	8.3	7.8	7.4	-19.0	401	M	.020	JG3101-4020-2	FD1001-039
291056	306	4.030	3.000	5.400	1.300	8.3	7.8	7.4	-19.0	400	M	.030	JG31F1-4030-2	FD1001-039
321408	308	4.040	3.000	5.400	1.300	8.4	7.9	7.4	-19.0	406	M	.040	JG31F1-4040-2	FD1001-039
329594	311	4.060	3.000	5.400	1.300	8.4	7.9	7.5	-19.0	412		.060	JG31F1-4060-0	FD1001-039
329572	312	4.000	3.100	5.400	1.230	8.4	7.9	7.5	-19.0	386	M	STD	JG3101-4000-7	FD1001-039
329573	312	4.005	3.100	5.400	1.230	8.4	8.0	7.5	-19.0	388		.005	JG3101-4000-7	FD1001-039
329574	313	4.010	3.100	5.400	1.230	8.5	8.0	7.5	-19.0	390	M	.010	JG3101-4010-4	FD1001-039
329575	315	4.020	3.100	5.400	1.230	8.5	8.0	7.6	-19.0	392	M	.020	JG3101-4020-2	FD1001-039
279673	316	4.030	3.100	5.400	1.230	8.5	8.0	7.6	-19.0	395		.030	JG31F1-4030-2	FD1001-039
279674	316	4.040	3.100	5.400	1.230	8.6	8.1	7.6	-19.0	399	M	.040	JG31F1-4040-2	FD1001-039
329576	321	4.060	3.100	5.400	1.230	8.6	8.1	7.7	-19.0	407		.060	JG31F1-4060-0	FD1001-039
367197	312	4.000	3.100	5.400	1.230	8.4	7.9	7.5	-19.0	386	2618, M	STD	JG3101-4000-7	FD1001-039
367198	312	4.005	3.100	5.400	1.230	8.4	8.0	7.5	-19.0	388	2618, M	.005	JG3101-4000-7	FD1001-039
367199	313	4.010	3.100	5.400	1.230	8.5	8.0	7.5	-19.0	390	2618, M	.010	JG3101-4010-4	FD1001-039
367200	315	4.020	3.100	5.400	1.230	8.5	8.0	7.6	-19.0	392	2618, M	.020	JG3101-4020-2	FD1001-039
367201	316	4.030	3.100	5.400	1.230	8.5	8.0	7.6	-19.0	395	2618, M	.030	JG31F1-4030-2	FD1001-039
367202	316	4.040	3.100	5.400	1.230	8.6	8.1	7.6	-19.0	399	2618, M	.040	JG31F1-4040-2	FD1001-039
367203	321	4.060	3.100	5.400	1.230	8.6	8.1	7.7	-19.0	407	2618, M	.060	JG3101-4060-0	FD1001-039
329579	342	4.000	3.400	5.400	1.100	9.8	9.2	8.7	-12.5	365	B,M	STD	JG3101-4000-7	FD1001-039
329580	343	4.005	3.400	5.400	1.100	9.8	9.2	8.7	-12.5	366	B	.005	JG3101-4000-7	FD1001-039
329581	344	4.010	3.400	5.400	1.100	9.8	9.2	8.7	-12.5	367	B,M	.010	JG3101-4010-4	FD1001-039
329582	345	4.020	3.400	5.400	1.100	9.9	9.3	8.7	-12.5	369	B,M	.020	JG3101-4020-2	FD1001-039
279672	347	4.030	3.400	5.400	1.100	9.9	9.3	8.7	-12.5	372	B	.030	JG31F1-4030-2	FD1001-039
321405	349	4.040	3.400	5.400	1.100	9.9	9.3	8.7	-12.5	377	B	.040	JG31F1-4040-2	FD1001-039
329583	352	4.060	3.400	5.400	1.100	10.0	9.4	8.9	-12.5	386	B,M	.060	JG31F1-4060-0	FD1001-039
367205	342	4.000	3.400	5.400	1.100	9.8	9.2	8.7	-12.5	365	2618, B,M	STD	JG3101-4000-7	FD1001-039
367206	343	4.005	3.400	5.400	1.100	9.8	9.2	8.7	-12.5	366	2618, B,M	.005	JG3101-4000-7	FD1001-039
367207	344	4.010	3.400	5.400	1.100	9.8	9.2	8.7	-12.5	367	2618, B,M	.010	JG3101-4010-4	FD1001-039
367208	345	4.020	3.400	5.400	1.100	9.9	9.3	8.7	-12.5	369	2618, B,M	.020	JG3101-4020-2	FD1001-039
367209	347	4.030	3.400	5.400	1.100	9.9	9.3	8.7	-12.5	372	2618, B,M	.030	JG31F1-4030-2	FD1001-039
367210	349	4.040	3.400	5.400	1.100	9.9	9.3	8.7	-12.5	377	2618, B,M	.040	JG31F1-4040-2	FD1001-039
367211	352	4.060	3.400	5.400	1.100	10.0	9.4	8.9	-12.5	386	2618, B,M	.060	JG31F1-4060-0	FD1001-039

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

PROFESSIONAL SERIES INVERTED DOME - 351W BLOCK Std Bore: 4.000 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						58cc	64cc	70cc						
						Compression Ratio								
329572	402	4.000	4.000	6.250	1.230	10.6	10.0	9.4	-19.0	386	M	STD	JG3101-4000-7	FD1001-039
329573	403	4.005	4.000	6.250	1.230	10.6	10.0	9.4	-19.0	388		.005	JG3101-4000-7	FD1001-039
329574	404	4.010	4.000	6.250	1.230	10.6	10.0	9.4	-19.0	390	M	.010	JG3101-4010-4	FD1001-039
329575	406	4.020	4.000	6.250	1.230	10.7	10.0	9.5	-19.0	392	M	.020	JG3101-4020-2	FD1001-039
279673	408	4.030	4.000	6.250	1.230	10.7	10.1	9.5	-19.0	395		.030	JG31F1-4030-2	FD1001-039
279674	410	4.040	4.000	6.250	1.230	10.7	10.1	9.5	-19.0	399	M	.040	JG31F1-4040-2	FD1001-039
329576	414	4.060	4.000	6.250	1.230	10.8	10.2	9.6	-19.0	407		.060	JG31F1-4060-0	FD1001-039
329572	412	4.000	4.100	6.200	1.230	10.8	10.2	9.6	-19.0	386	M	STD	JG3101-4000-7	FD1001-039
329573	413	4.005	4.100	6.200	1.230	10.8	10.2	9.6	-19.0	388		.005	JG3101-4000-7	FD1001-039
329574	414	4.010	4.100	6.200	1.230	10.9	10.2	9.7	-19.0	390	M	.010	JG3101-4010-4	FD1001-039
329575	416	4.020	4.100	6.200	1.230	10.9	10.3	9.7	-19.0	392	M	.020	JG3101-4020-2	FD1001-039
279673	418	4.030	4.100	6.200	1.230	11.0	10.3	9.7	-19.0	395		.030	JG31F1-4030-2	FD1001-039
279674	420	4.040	4.100	6.200	1.230	11.0	10.4	9.8	-19.0	399	M	.040	JG31F1-4040-2	FD1001-039
329576	425	4.060	4.100	6.200	1.230	11.1	10.4	9.9	-19.0	407		.060	JG31F1-4060-0	FD1001-039
367197	402	4.000	4.000	6.250	1.230	10.6	10.0	9.4	-19.0	386	2618, M	STD	JG3101-4000-7	FD1001-039
367198	403	4.005	4.000	6.250	1.230	10.6	10.0	9.4	-19.0	388	2618, M	.005	JG3101-4000-7	FD1001-039
367199	404	4.010	4.000	6.250	1.230	10.6	10.0	9.4	-19.0	390	2618, M	.010	JG3101-4010-4	FD1001-039
367200	406	4.020	4.000	6.250	1.230	10.7	10.0	9.5	-19.0	392	2618, M	.020	JG3101-4020-2	FD1001-039
367201	408	4.030	4.000	6.250	1.230	10.7	10.1	9.5	-19.0	395	2618, M	.030	JG31F1-4030-2	FD1001-039
367202	410	4.040	4.000	6.250	1.230	10.7	10.1	9.5	-19.0	399	2618, M	.040	JG31F1-4040-2	FD1001-039
367203	414	4.060	4.000	6.250	1.230	10.8	10.2	9.6	-19.0	407	2618, M	.060	JG3101-4060-0	FD1001-039
367197	412	4.000	4.100	6.200	1.230	10.8	10.2	9.6	-19.0	386	2618, M	STD	JG3101-4000-7	FD1001-039
367198	413	4.005	4.100	6.200	1.230	10.8	10.2	9.6	-19.0	388	2618, M	.005	JG3101-4000-7	FD1001-039
367199	414	4.010	4.100	6.200	1.230	10.9	10.2	9.7	-19.0	390	2618, M	.010	JG3101-4010-4	FD1001-039
367200	416	4.020	4.100	6.200	1.230	10.9	10.3	9.7	-19.0	392	2618, M	.020	JG3101-4020-2	FD1001-039
367201	418	4.030	4.100	6.200	1.230	11.0	10.3	9.7	-19.0	395	2618, M	.030	JG31F1-4030-2	FD1001-039
367202	420	4.040	4.100	6.200	1.230	11.0	10.4	9.8	-19.0	399	2618, M	.040	JG31F1-4040-2	FD1001-039
367203	425	4.060	4.100	6.200	1.230	11.1	10.4	9.9	-19.0	407	2618, M	.060	JG3101-4060-0	FD1001-039
329585	402	4.000	4.000	6.250	1.230	9.0	8.5	8.2	-32.0	408	M	STD	JG3101-4000-7	FD1001-039
329586	403	4.005	4.000	6.250	1.230	9.0	8.6	8.2	-32.0	409		.005	JG3101-4000-7	FD1001-039
329587	404	4.010	4.000	6.250	1.230	9.0	8.6	8.2	-32.0	410		.010	JG3101-4010-4	FD1001-039
329588	406	4.020	4.000	6.250	1.230	9.1	8.6	8.2	-32.0	412	M	.020	JG3101-4020-2	FD1001-039
321406	408	4.030	4.000	6.250	1.230	9.1	8.6	8.3	-32.0	414		.030	JG31F1-4030-2	FD1001-039
321407	410	4.040	4.000	6.250	1.230	9.1	8.7	8.3	-32.0	416		.040	JG31F1-4040-2	FD1001-039
329589	414	4.060	4.000	6.250	1.230	9.2	8.8	8.3	-32.0	424		.060	JG31F1-4060-0	FD1001-039
329585	412	4.000	4.100	6.200	1.230	9.2	8.7	8.3	-32.0	408	M	STD	JG3101-4000-7	FD1001-039
329586	413	4.005	4.100	6.200	1.230	9.2	8.8	8.4	-32.0	409		.005	JG3101-4000-7	FD1001-039
329587	414	4.010	4.100	6.200	1.230	9.2	8.8	8.4	-32.0	410	M	.010	JG3101-4010-4	FD1001-039
329588	416	4.020	4.100	6.200	1.230	9.3	8.8	8.4	-32.0	412	M	.020	JG3101-4020-2	FD1001-039
321406	418	4.030	4.100	6.200	1.230	9.3	8.8	8.4	-32.0	414		.030	JG31F1-4030-2	FD1001-039
321407	420	4.040	4.100	6.200	1.230	9.3	8.9	8.5	-32.0	416		.040	JG31F1-4040-2	FD1001-039
329589	425	4.060	4.100	6.200	1.230	9.4	8.9	8.5	-32.0	424		.060	JG31F1-4060-0	FD1001-039
361112	402	4.000	4.000	6.250	1.230	9.0	8.5	8.2	-32.0	408	2618, M	STD	JG3101-4000-7	FD1001-039
361113	403	4.005	4.000	6.250	1.230	9.0	8.6	8.2	-32.0	409	2618, M	.005	JG3101-4000-7	FD1001-039
361114	404	4.010	4.000	6.250	1.230	9.0	8.6	8.2	-32.0	410	2618, M	.010	JG3101-4010-4	FD1001-039
361115	406	4.020	4.000	6.250	1.230	9.1	8.6	8.2	-32.0	412	2618, M	.020	JG3101-4020-2	FD1001-039
361116	408	4.030	4.000	6.250	1.230	9.1	8.6	8.3	-32.0	414	2618, M	.030	JG31F1-4030-2	FD1001-039
361117	410	4.040	4.000	6.250	1.230	9.1	8.7	8.3	-32.0	416	2618	.040	JG31F1-4040-2	FD1001-039
361118	414	4.060	4.000	6.250	1.230	9.2	8.8	8.3	-32.0	424	2618	.060	JG3101-4060-0	FD1001-039
361112	412	4.000	4.100	6.200	1.230	9.2	8.7	8.3	-32.0	408	2618, M	STD	JG3101-4000-7	FD1001-039
361113	413	4.005	4.100	6.200	1.230	9.2	8.8	8.4	-32.0	409	2618, M	.005	JG3101-4000-7	FD1001-039
361114	414	4.010	4.100	6.200	1.230	9.2	8.8	8.4	-32.0	410	2618, M	.010	JG3101-4010-4	FD1001-039
361115	416	4.020	4.100	6.200	1.230	9.3	8.8	8.4	-32.0	412	2618, M	.020	JG3101-4020-2	FD1001-039
361116	418	4.030	4.100	6.200	1.230	9.3	8.8	8.4	-32.0	414	2618	.030	JG31F1-4030-2	FD1001-039
361117	420	4.040	4.100	6.200	1.230	9.3	8.9	8.5	-32.0	416	2618	.040	JG31F1-4040-2	FD1001-039
361118	425	4.060	4.100	6.200	1.230	9.4	8.9	8.5	-32.0	424	2618	.060	JG3101-4060-0	FD1001-039
329590	402	4.000	4.000	6.200	1.300	10.6	10.0	9.4	-19.0	395	M	STD	JG3101-4000-7	FD1001-039
329591	403	4.005	4.000	6.200	1.300	10.6	10.0	9.4	-19.0	396		.005	JG3101-4000-7	FD1001-039

PROFESSIONAL SERIES INVERTED DOME - 351W BLOCK Continued Std Bore: 4.000 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 58cc / Compression Ratio	64cc / Compression Ratio	70cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
329592	404	4.010	4.000	6.200	1.300	10.6	10.0	9.4	-19.0	397	M	.010	JG3101-4010-4	FD1001-039
329593	406	4.020	4.000	6.200	1.300	10.7	10.0	9.5	-19.0	401	M	.020	JG3101-4020-2	FD1001-039
291056	408	4.030	4.000	6.200	1.300	10.7	10.1	9.5	-19.0	400	M	.030	JG31F1-4030-2	FD1001-039
321408	410	4.040	4.000	6.200	1.300	10.7	10.1	9.5	-19.0	406	M	.040	JG31F1-4040-2	FD1001-039
329594	414	4.060	4.000	6.200	1.300	10.8	10.2	9.6	-19.0	412		.060	JG31F1-4060-0	FD1001-039
329595	402	4.000	4.000	6.200	1.300	9.3	8.8	8.4	-32.0	402	M	STD	JG3101-4000-7	FD1001-039
329596	403	4.005	4.000	6.200	1.300	9.3	8.9	8.4	-32.0	403	M	.005	JG3101-4000-7	FD1001-039
329597	404	4.010	4.000	6.200	1.300	9.4	8.9	8.5	-32.0	404	M	.010	JG3101-4010-4	FD1001-039
329598	406	4.020	4.000	6.200	1.300	9.4	8.9	8.5	-32.0	406	M	.020	JG3101-4020-2	FD1001-039
321409	408	4.030	4.000	6.200	1.300	9.4	9.0	8.5	-32.0	408	M	.030	JG31F1-4030-2	FD1001-039
321410	410	4.040	4.000	6.200	1.300	9.5	9.0	8.6	-32.0	410	M	.040	JG31F1-4040-2	FD1001-039
329599	414	4.060	4.000	6.200	1.300	9.6	9.1	8.6	-32.0	418	M	.060	JG31F1-4060-0	FD1001-039
361119	402	4.000	4.000	6.200	1.300	9.3	8.8	8.4	-32.0	402	2618, M	STD	JG3101-4000-7	FD1001-039
361120	403	4.005	4.000	6.200	1.300	9.3	8.9	8.4	-32.0	403	2618, M	.005	JG3101-4000-7	FD1001-039
361121	404	4.010	4.000	6.200	1.300	9.4	8.9	8.5	-32.0	404	2618, M	.010	JG3101-4010-4	FD1001-039
361122	406	4.020	4.000	6.200	1.300	9.4	8.9	8.5	-32.0	406	2618, M	.020	JG3101-4020-2	FD1001-039
361123	408	4.030	4.000	6.200	1.300	9.4	9.0	8.5	-32.0	408	2618	.030	JG31F1-4030-2	FD1001-039
361124	410	4.040	4.000	6.200	1.300	9.5	9.0	8.6	-32.0	410	2618	.040	JG31F1-4040-2	FD1001-039
361125	414	4.060	4.000	6.200	1.300	9.6	9.1	8.6	-32.0	418	2618	.060	JG3101-4060-0	FD1001-039
329579	427	4.000	4.250	6.250	1.100	12.0	11.2	10.6	-12.5	365	M	STD	JG3101-4000-7	FD1001-039
329580	428	4.005	4.250	6.250	1.100	12.0	11.3	10.6	-12.5	366		.005	JG3101-4000-7	FD1001-039
329581	429	4.010	4.250	6.250	1.100	12.1	11.3	10.6	-12.5	367	M	.010	JG3101-4010-4	FD1001-039
329582	432	4.020	4.250	6.250	1.100	12.1	11.3	10.7	-12.5	369	M	.020	JG3101-4020-2	FD1001-039
279672	434	4.030	4.250	6.250	1.100	12.2	11.4	10.7	-12.5	372		.030	JG31F1-4030-2	FD1001-039
321405	436	4.040	4.250	6.250	1.100	12.2	11.4	10.7	-12.5	377	M	.040	JG31F1-4040-2	FD1001-039
329583	440	4.060	4.250	6.250	1.100	12.3	11.5	10.8	-12.5	386		.060	JG31F1-4060-0	FD1001-039
367205	427	4.000	4.250	6.250	1.100	12.0	11.2	10.6	-12.5	365	2618, B,M	STD	JG3101-4000-7	FD1001-039
367206	428	4.005	4.250	6.250	1.100	12.0	11.3	10.6	-12.5	366	2618, B,M	.005	JG3101-4000-7	FD1001-039
367207	429	4.010	4.250	6.250	1.100	12.1	11.3	10.6	-12.5	367	2618, B,M	.010	JG3101-4010-4	FD1001-039
367208	432	4.020	4.250	6.250	1.100	12.1	11.3	10.7	-12.5	369	2618, B,M	.020	JG3101-4020-2	FD1001-039
367209	434	4.030	4.250	6.250	1.100	12.2	11.4	10.7	-12.5	372	2618, B,M	.030	JG31F1-4030-2	FD1001-039
367210	436	4.040	4.250	6.250	1.100	12.2	11.4	10.7	-12.5	377	2618, B,M	.040	JG31F1-4040-2	FD1001-039
367211	440	4.060	4.250	6.250	1.100	12.3	11.5	10.8	-12.5	386	2618, B,M	.060	JG31F1-4060-0	FD1001-039
PROFESSIONAL SERIES INVERTED DOME Std Bore: 4.125 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included														
378918	428	4.125	4.000	6.200	1.290	11.9	11.2	10.5	-12.5		2618	STD	JG31F8-4125-2	FD1018-039
378919	430	4.135	4.000	6.200	1.290	12.0	11.3	10.6	-12.5		2618	.010	JG31F8-4135-2	FD1018-039
378920	432	4.145	4.000	6.200	1.290	12.1	11.3	10.6	-12.5		2618	.020	JG31F8-4145-2	
378921	434	4.155	4.000	6.200	1.290	12.1	11.3	10.7	-12.5		2618	.030	JG31F8-4155-3	
378922	428	4.125	4.000	6.200	1.290	11.2	10.5	9.9	-19.0		2618	STD	JG31F8-4125-2	FD1018-039
378923	430	4.135	4.000	6.200	1.290	11.2	10.5	10.0	-19.0		2618	.010	JG31F8-4135-2	FD1018-039
378924	432	4.145	4.000	6.200	1.290	11.2	10.6	10.0	-19.0		2618	.020	JG31F8-4145-2	
378925	434	4.155	4.000	6.200	1.290	11.3	10.6	10.0	-19.0		2618	.030	JG31F8-4155-3	
378926	428	4.125	4.000	6.200	1.290	9.8	9.3	8.9	-32.0		2618	STD	JG31F8-4125-2	FD1018-039
378927	430	4.135	4.000	6.200	1.290	9.8	9.4	8.9	-32.0		2618	.010	JG31F8-4135-2	FD1018-039
378928	432	4.145	4.000	6.200	1.290	9.9	9.4	8.9	-32.0		2618	.020	JG31F8-4145-2	
378929	434	4.155	4.000	6.200	1.290	10.0	9.4	9.0	-32.0		2618	.030	JG31F8-4155-3	
378930	428	4.125	4.000	6.250	1.240	11.9	11.2	10.5	-12.5		2618	STD	JG31F8-4125-2	FD1018-039
378931	430	4.135	4.000	6.250	1.240	12.0	11.3	10.6	-12.5		2618	.010	JG31F8-4135-2	FD1018-039
378932	432	4.145	4.000	6.250	1.240	12.1	11.3	10.6	-12.5		2618	.020	JG31F8-4145-2	
378933	434	4.155	4.000	6.250	1.240	12.1	11.3	10.7	-12.5		2618	.030	JG31F8-4155-3	
378930	438	4.125	4.100	6.200	1.240	12.3	11.5	10.8	-12.5		2618	STD	JG31F8-4125-2	FD1018-039
378931	440	4.135	4.100	6.200	1.240	12.3	11.5	10.8	-12.5		2618	.010	JG31F8-4135-2	FD1018-039
378932	443	4.145	4.100	6.200	1.240	12.4	11.6	10.9	-12.5		2618	.020	JG31F8-4145-2	
378933	445	4.155	4.100	6.200	1.240	12.4	11.6	10.9	-12.5		2618	.030	JG31F8-4155-3	
378934	428	4.125	4.000	6.250	1.240	11.2	10.5	9.9	-19.0		2618	STD	JG31F8-4125-2	FD1018-039
378935	430	4.135	4.000	6.250	1.240	11.2	10.5	10.0	-19.0		2618	.010	JG31F8-4135-2	FD1018-039

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

PROFESSIONAL SERIES INVERTED DOME Continued Std Bore: 4.125 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 58cc	64cc	70cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						Compression Ratio								
378936	432	4.145	4.000	6.250	1.240	11.2	10.6	10.0	-19.0		2618	.020	JG31F8-4145-2	
378937	434	4.155	4.000	6.250	1.240	11.3	10.6	10.0	-19.0		2618	.030	JG31F8-4155-3	
378934	438	4.125	4.100	6.200	1.240	11.4	10.7	10.1	-19.0		2618	STD	JG31F8-4125-2	FD1018-039
378935	440	4.135	4.100	6.200	1.240	11.5	10.8	10.2	-19.0		2618	.010	JG31F8-4135-2	FD1018-039
378936	443	4.145	4.100	6.200	1.240	11.5	10.8	10.2	-19.0		2618	.020	JG31F8-4145-2	
378937	445	4.155	4.100	6.200	1.240	11.5	10.9	10.3	-19.0		2618	.030	JG31F8-4155-3	
378938	428	4.125	4.000	6.250	1.240	9.8	9.3	8.9	-32.0		2618	STD	JG31F8-4125-2	FD1018-039
378939	430	4.135	4.000	6.250	1.240	9.8	9.4	8.9	-32.0		2618	.010	JG31F8-4135-2	FD1018-039
378940	432	4.145	4.000	6.250	1.240	9.9	9.4	8.9	-32.0		2618	.020	JG31F8-4145-2	
378941	434	4.155	4.000	6.250	1.240	10.0	9.4	9.0	-32.0		2618	.030	JG31F8-4155-3	
378938	438	4.125	4.100	6.200	1.240	10.0	9.5	9.1	-32.0		2618	STD	JG31F8-4125-2	FD1018-039
378939	440	4.135	4.100	6.200	1.240	10.0	9.6	9.1	-32.0		2618	.010	JG31F8-4135-2	FD1018-039
378940	443	4.145	4.100	6.200	1.240	10.1	9.9	9.1	-32.0		2618	.020	JG31F8-4145-2	
378941	445	4.155	4.100	6.200	1.240	10.2	9.6	9.2	-32.0		2618	.030	JG31F8-4155-3	
378942	454	4.125	4.250	6.250	1.090	12.7	11.9	11.4	-12.5		2618	STD	JG31F8-4125-2	FD1018-039
378943	457	4.135	4.250	6.250	1.090	12.7	11.9	11.2	-12.5		2618	.010	JG31F8-4135-2	FD1018-039
378944	459	4.145	4.250	6.250	1.090	12.8	11.9	11.2	-12.5		2618	.020	JG31F8-4145-2	
378945	461	4.155	4.250	6.250	1.090	12.8	12.0	11.3	-12.5		2618	.030	JG31F8-4155-3	
378946	454	4.125	4.250	6.250	1.090	11.8	11.1	10.5	-19.0		2618	STD	JG31F8-4125-2	FD1018-039
378947	457	4.135	4.250	6.250	1.090	11.9	11.1	10.5	-19.0		2618	.010	JG31F8-4135-2	FD1018-039
378948	459	4.145	4.250	6.250	1.090	11.9	11.2	10.6	-19.0		2618	.020	JG31F8-4145-2	
378949	461	4.155	4.250	6.250	1.090	11.9	11.2	10.6	-19.0		2618	.030	JG31F8-4155-3	

MODULAR 4.6L / 5.4L 2V

Advanced, lightweight FSR forging that eliminates stress concentrations for superior strength. Stronger than traditional designs but up to 20% lighter.
High-silicon 4032 aluminum alloy for reduced piston-to-wall clearance and quiet operation or available in high strength 2618.

Features:
Accumulator grooves for improved ring seal
Thick top ring lands to accommodate moderate forced induction/nitrous applications

Rings Included:
Lightweight, low friction metric ring package
1.2mm CARBON STEEL top ring, 1.5mm Napier 2nd ring, 3.0mm standard tension oil ring
Minimal filing required

Pins and Locks:
High quality 2.250" pin further reduces reciprocating weight
Carbon steel wire locks included

4.6L 2V PROFESSIONAL SERIES Std Bore: 3.552 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included * FD1010-039 = Left Hand Gasket / FD1011-039 = Right Hand Gasket														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 42cc 99+ PI		51cc Pre 98	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						Compression Ratio								
329383	281	3.552	3.543	5.933	1.220	12.0		10.5	-3.0	336	B	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
271106	284	3.572	3.543	5.933	1.220	12.0		10.5	-3.0	341	B	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
New 378028	281	3.552	3.543	5.933	1.220	12.0		10.5	-3.0		2618	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
378029	282	3.562	3.543	5.933	1.220	12.0		10.5	-3.0		2618	.010	JG3208-3571-0	FD1010-039/ FD1011-039*
New 378030	284	3.572	3.543	5.933	1.220	12.0		10.5	-3.0		2618	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
378031	281	3.552	3.543	5.933	1.220	10.9		9.6	-9.0		2618	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
378032	282	3.562	3.543	5.933	1.220	10.9		9.6	-9.0		2618	.010	JG3208-3571-0	FD1010-039/ FD1011-039*
378033	284	3.572	3.543	5.933	1.220	10.9		9.6	-9.0		2618	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
329384	281	3.552	3.543	5.933	1.220	9.8		8.7	-17.0	347	4032	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
271108	284	3.572	3.543	5.933	1.220	9.8		8.7	-17.0	349	4032	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
New 378034	281	3.552	3.543	5.933	1.220	9.8		8.7	-17.0		2618	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
378035	282	3.562	3.543	5.933	1.220	9.8		8.7	-17.0		2618	.010	JG3208-3571-0	FD1010-039/ FD1011-039*
378036	284	3.572	3.543	5.933	1.220	9.8		8.7	-17.0		2618	.020	JG3208-3571-0	FD1010-039/ FD1011-039*





5.4L 2V PROFESSIONAL SERIES Std Bore: 3.552 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included
* FD1010-039 = Left Hand Gasket / FD1011-039 = Right Hand Gasket

	Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
								42cc 99+ PI							
	329383		3.552	4.165	6.657	1.220		10.7		-3.0	336	4032	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
	271106		3.572	4.165	6.657	1.220		10.8		-3.0	341	4032	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
New	378037		3.552	4.165	6.657	1.320		11.0		-16.0		2618	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
New	378038		3.562	4.165	6.657	1.320		11.0		-16.0		2618	.010	JG3208-3571-0	FD1010-039/ FD1011-039*
New	378039		3.572	4.165	6.657	1.320		11.0		-16.0		2618	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
	329384		3.552	4.165	6.657	1.220		9.0		-17.0	347	4032	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
	271108		3.572	4.165	6.657	1.220		9.0		-17.0	349	4032	.020	JG3208-3571-0	FD1010-039/ FD1011-039*

MODULAR 4.6L / 5.4L 4V

Advanced, lightweight FSR forging that eliminates stress concentrations for superior strength. Stronger than traditional designs but up to 20% lighter.
High-silicon 4032 aluminum alloy for reduced piston-to-wall clearance and quiet operation or available in high strength 2618.

Features:
Accumulator grooves for improved ring seal
Thick top ring lands to accommodate moderate forced induction/nitrous applications

Rings Included:
Lightweight, low friction metric ring package
1.2mm CARBON STEEL top ring, 1.5mm Napier 2nd ring, 3.0mm standard tension oil ring
Minimal filing required

Pins and Locks:
High quality 2.250" pin further reduces reciprocating weight
Carbon steel wire locks included

4.6L 4V PROFESSIONAL SERIES Std Bore: 3.552 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included
* FD1010-039 = Left Hand Gasket / FD1011-039 = Right Hand Gasket

	Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
								53cc							
New	329383	281	3.552	3.543	5.933	1.220		10.0		-3.0	336	4032	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
New	271106	284	3.572	3.543	5.933	1.220		10.0		-3.0	341	4032	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
New	378043	281	3.552	3.543	5.933	1.220		10.5		-0.8		2618	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
New	378044	282	3.562	3.543	5.933	1.220		10.5		-0.8		2618	.010	JG3208-3571-0	FD1010-039/ FD1011-039*
New	378045	284	3.572	3.543	5.933	1.220		10.5		-0.8		2618	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
New	378046	281	3.552	3.543	5.933	1.220		9.5		-7.0		2618	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
New	378047	282	3.562	3.543	5.933	1.220		9.5		-7.0		2618	.010	JG3208-3571-0	FD1010-039/ FD1011-039*
New	378048	284	3.572	3.543	5.933	1.220		9.5		-7.0		2618	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
New	329384	281	3.552	3.543	5.933	1.220		8.5		-17.0	347	4032	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
New	271108	284	3.572	3.543	5.933	1.220		8.5		-17.0	349	4032	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
New	378049	281	3.552	3.543	5.933	1.220		8.5		-17.0		2618	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
New	378050	282	3.562	3.543	5.933	1.220		8.5		-17.0		2618	.010	JG3208-3571-0	FD1010-039/ FD1011-039*
New	378051	284	3.572	3.543	5.933	1.220		8.5		-17.0		2618	.020	JG3208-3571-0	FD1010-039/ FD1011-039*

5.4L 4V PROFESSIONAL SERIES Std Bore: 3.552 Ring package designed for: 1.2mm, 1.5mm, 3.0mm Premium Rings Included
* FD1010-039 = Left Hand Gasket / FD1011-039 = Right Hand Gasket

New	329383		3.552	4.165	6.657	1.220		9.4		-3.0	336	4032	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
New	271106		3.572	4.165	6.657	1.220		9.4		-3.0	341	4032	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
New	378053		3.552	4.165	6.657	1.320		11.5		-3.0		2618	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
New	378054		3.562	4.165	6.657	1.320		11.5		-3.0		2618	.010	JG3208-3571-0	FD1010-039/ FD1011-039*
New	378055		3.572	4.165	6.657	1.320		11.5		-3.0		2618	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
New	329384		3.552	4.165	6.657	1.220		8.0		-17.0	347	4032	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
New	271108		3.572	4.165	6.657	1.220		8.0		-17.0	349	4032	.020	JG3208-3571-0	FD1010-039/ FD1011-039*
New	378056		3.552	4.165	6.657	1.320		9.5		-18.0		2618	STD	JG3208-3551-0	FD1010-039/ FD1011-039*
New	378057		3.562	4.165	6.657	1.320		9.5		-18.0		2618	.010	JG3208-3571-0	FD1010-039/ FD1011-039*
New	378058		3.572	4.165	6.657	1.320		9.5		-18.0		2618	.020	JG3208-3571-0	FD1010-039/ FD1011-039*

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

MODULAR COYOTE 5.0 2011-2017

Advanced, lightweight FSR forging that eliminates stress concentrations for superior strength. Stronger than traditional designs but up to 20% lighter.

Features:
Accumulator grooves for improved ring seal
Thick top ring lands to accommodate moderate forced induction/nitrous applications

Rings Included:
Lightweight, low friction metric ring package
1.0mm CARBON STEEL top ring, 1.2mm Napier 2nd ring, 2.8mm oil ring
Minimal filing required

Pins and Locks:
High quality 2.250" pin further reduces reciprocating weight
Carbon steel wire locks included
No squirter modifications required for fitment

PROFESSIONAL SERIES FLAT TOP Std Bore: 3.552 Ring package designed for: 1.0mm, 1.2mm, 2.8mm Premium Rings Included
* FD1025-039 = Left Hand Gasket / FD1026-039 = Right Hand Gasket

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							57cc							
361128	302	3.630	3.650	5.933	1.174		10.0		-4.4	356	2618, M	STD	JG1008-3632	FD1025-039/ FD1026-039*
361129	304	3.640	3.650	5.933	1.174		10.0		-4.8	358	2618, M	.010	JG1008-3642	FD1025-039/ FD1026-039*
361130	306	3.650	3.650	5.933	1.174		10.0		-5.1	360	2618, M	.020	JG1008-3652	FD1025-039/ FD1026-039*
361131	302	3.630	3.650	5.933	1.174		11.0		2.5	376	2618, M	STD	JG1008-3632	FD1025-039/ FD1026-039*
361132	304	3.640	3.650	5.933	1.174		11.0		2.2	378	2618, M	.010	JG1008-3642	FD1025-039/ FD1026-039*
361133	306	3.650	3.650	5.933	1.174		11.0		1.9	380	2618, M	.020	JG1008-3652	FD1025-039/ FD1026-039*

MODULAR COYOTE 5.0 GEN 3 DIRECT INJECTION 2018+

Advanced, lightweight FSR forging that eliminates stress concentrations for superior strength. Stronger than traditional designs but up to 20% lighter.

Features:
Accumulator grooves for improved ring seal
Thick top ring lands to accommodate moderate forced induction/nitrous applications

Rings Included:
Lightweight, low friction metric ring package
1.0mm CARBON STEEL top ring, 1.2mm Napier 2nd ring, 2.8mm oil ring
Minimal filing required

Pins and Locks:
High quality 2.250" pin further reduces reciprocating weight
Carbon steel wire locks included
No squirter modifications required for fitment

PROFESSIONAL SERIES FLAT TOP Std Bore: 3.552 Ring package designed for: 1.0mm, 1.2mm, 2.8mm Premium Rings Included
* FD1025-039 = Left Hand Gasket / FD1026-039 = Right Hand Gasket

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							57cc							
361134	307	3.661	3.650	5.933	1.168		11.0		1.5	383	2618, M	STD	JG1008-3661	
361135	311	3.681	3.650	5.933	1.168		11.0		0.9	386	2618, M	.020	JG1008-3681	

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

PISTON MATERIALS

4032 VS. 2618 / FORGED WROUGHT ALUMINUM

Pistons manufactured from 4032 wrought aluminum alloy are designed for high performance applications where a strong and quiet piston is required. These pistons require less initial piston to wall clearance and are quieter at startup. The perfect street/strip piston!

Physical Properties of 4032		
Nominal Density	2.68 g/cc	.097 lb/in3
Mechanical Properties of 4032		
Tensile Strength, Ultimate	380 MPa	55,000 psi
Tensile Strength, Yield	315 MPa	46,000 psi
Modulus of Elasticity	79 GPa	11,400 psi
Fatigue Endurance Limit	110 MPa	16,000 psi

Pistons manufactured from 2618 wrought aluminum alloy are designed for racing and very demanding applications. These environments necessitate the higher strength 2618 aluminum alloy.

Physical Properties of 2618		
Nominal Density	2.81 g/cc	.100 lb/in3
Mechanical Properties of 2618		
Tensile Strength, Ultimate	440 MPa	64,000 psi
Tensile Strength, Yield	370 MPa	54,000 psi
Modulus of Elasticity	74 GPa	10,400 psi
Fatigue Endurance Limit	125 MPa	18,000 psi

SRP

COEFFICIENT OF THERMAL EXPANSION

When exposed to heat, 2618 aluminum expands approximately 15% more than 4032, therefore the initial piston-to-wall clearance has to be 15% greater. This difference is most noticeable during a cold engine start. When cold, the 2618 piston can rock back and forth producing a slight noise (sometimes referred to as piston slap) until the aluminum expands. Both types of aluminum have approximately the same clearances once the pistons have expanded and the engine is running at operating temperatures.

COEFFICIENT OF THERMAL EXPANSION FOR 4032

Temperature Range		Average Coefficient	
°C	°F	µm/m • K	µin/in • °F
20 to 200	68 to 392	20.2	11.2

EXAMPLE:

When measured at room temperature, a piston designed for a 4.000" bore might measure 3.9966. If the same piston were measured at 375 degrees F, the piston would measure 4.000".

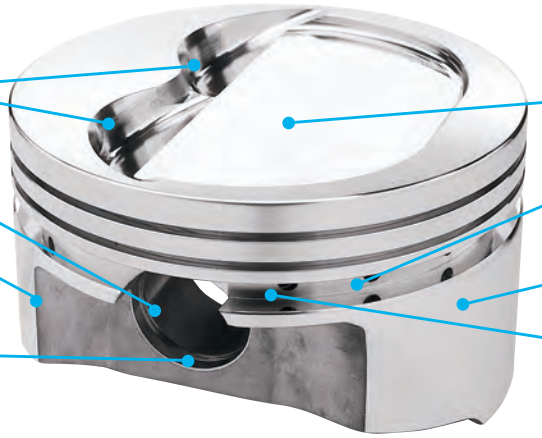
COEFFICIENT OF THERMAL EXPANSION FOR 2618

Temperature Range		Average Coefficient	
°C	°F	µm/m • K	µin/in • °F
20 to 200	68 to 392	23.2	12.9

EXAMPLE:

When measured at room temperature, a piston designed for a 4.000" bore might measure 3.9960. If the same piston were measured at 375 degrees F, the piston would measure 4.000".

PISTON FEATURES



SRP PISTONS

SRP Pistons was founded in 1997 by JE Pistons, the world's largest manufacturer of forged racing pistons. The idea was simple, to create a high quality forged piston at an affordable price. Every SRP forging was created with quality, performance and affordability in mind. By designing dedicated forgings, the pistons became both lighter and stronger while machining time and scrap aluminum was drastically reduced. These factors have reduced the price of SRP Pistons and contributed to their success. Today, nearly 500 different piston part numbers comprise the SRP product lineup, including Chevy, Ford, Chrysler, Honda and more.

The SRP Pistons Sales Department consists of technical experts with over 320 years of combined racing experience and a passion for racing just like you. We have experts in the fields of road racing, circle track, drag racing and more to ensure you get the best advice for your application.

Call today to find out firsthand how 60 years of racing in series such as NASCAR, ALMS, NHRA, USAC, and ARCA can help you!

The SRP/JE Pistons manufacturing facility is the most advanced in the industry. We utilize over 75 late-model CNC machines and the latest quality control methods. The SRP/JE Pistons inspection department features high-tech equipment to check materials and dimensions to ensure quality. Our current equipment can measure increments as small as 20 millionths (.000020") of an inch! SRP makes quality pistons on time, every time.

100%
AMERICAN MADE
FORGED RACING PISTONS

15° LS1 / LS2 / LS6 / L92 INVERTED DOME

Features:
Ideal for naturally aspirated or moderate boost/nitrous street/strip applications.
• Forged from 4032 low expansion high silicon aluminum alloy for quiet operation
• Forced Pin Oiling for increased wrist pin lubrication

CNC Machined ring grooves accept 1.5, 1.5, 3.0mm rings (Sold Separately)

Pins and Locks:
Pin fitting, round wire locks included
927-2250-150 wall wrist pin (106 grams) included

15° LS1/LS2/LS6 INVERTED DOME Std Bore: 3.900 (LS1), 4.000 (LS2/LS6) Ring package designed for: 1.5, 1.5, 3.0MM Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio 64cc	66cc	72cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
260534	383	3.905	4.000	6.125	1.115	9.1	8.9	8.4	-25.0	379	379	.005 LS1	J60008-3900-3	GM1015-051
254276	403	4.005	4.000	6.125	1.115	9.1	8.9	8.5	-29.0	392	392	.005 LS2	J60008-4000-5	GM1016-051

23° LATE MODEL STOCK

350 ENGINE BLOCK Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio 58cc	64cc	70cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
338158	352	4.000	3.500	5.700	1.550	11.2	10.4	9.7	-4.0		A, M	STD	S100S8-4000-5	GM1002-039
338159	354	4.010	3.500	5.700	1.550	11.2	10.4	9.7	-4.0		A, M	.010	J100F8-4010-0	GM1002-039
338160	355	4.020	3.500	5.700	1.550	11.2	10.4	9.7	-4.0	438	A, M	.020	S100S8-4020-5	GM1002-039
157076	355	4.030	3.500	5.700	1.550	11.2	10.4	9.7	-4.0	434	A	.030	S100S8-4030-5	GM1002-039
157077	357	4.040	3.500	5.700	1.550	11.3	10.5	9.8	-4.0	437	A	.040	S100S8-4040-5	GM1002-039
157078	361	4.060	3.500	5.700	1.550	11.4	10.6	9.9	-4.0	454	A	.060	S100S8-4060-5	GM1002-039
157064	355	4.030	3.500	6.000	1.250	11.2	10.4	9.7	-4.0	397	A, M	.030	S100S8-4030-5	GM1002-039
157065	357	4.040	3.500	6.000	1.250	11.3	10.5	9.8	-4.0	399	A, M	.040	S100S8-4040-5	GM1002-039
157066	361	4.060	3.500	6.000	1.250	11.4	10.6	9.9	-4.0	398	A	.060	S100S8-4060-5	GM1002-039

LATE MODEL STOCK - 4 VALVE

350 ENGINE BLOCK Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings

156505	355	4.030	3.480	5.700	1.560	11.1	10.3	9.6	-5.0	457	A	.030	S100S8-4030-5	GM1002-039
160432	357	4.040	3.480	5.700	1.560	11.1	10.3	9.7	-5.0	459	A	.040	S100S8-4040-5	GM1002-039
160433	361	4.060	3.480	5.700	1.560	11.2	10.4	9.8	-5.0	468	A	.060	S100S8-4060-5	GM1002-039
157700	355	4.030	3.480	6.000	1.260	11.1	10.3	9.6	-5.0	418	A	.030	S100S8-4030-5	GM1002-039

350 FLAT TOP

350 FLAT TOP Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings

140033	331	4.030	3.250	6.000	1.384	10.4	9.7	9.1	-5.0	470	A	.030	S100S8-4030-5	GM1002-039
231301	350	4.000	3.480	5.700	1.560	11.0	10.2	9.5	-5.0	482	A	STD	S100S8-4000-5	GM1024-039
329620	351	4.005	3.480	5.700	1.560	11.0	10.2	9.5	-5.0	486	A	.005	S100S8-4000-5	GM1024-039
329621	352	4.010	3.480	5.700	1.560	11.0	10.2	9.5	-5.0	490	A, M	.010	J100F8-4010-0	GM1024-039
138084	353	4.020	3.480	5.700	1.560	11.0	10.2	9.6	-5.0	492	A	.020	S100S8-4020-5	GM1024-039
138081	355	4.030	3.480	5.700	1.560	11.1	10.3	9.6	-5.0	495	A	.030	S100S8-4030-5	GM1002-039
175993	356	4.035	3.480	5.700	1.560	11.1	10.3	9.6	-5.0	499	A	.035	GM1002-039	
138082	357	4.040	3.480	5.700	1.560	11.1	10.3	9.6	-5.0	499	A	.040	S100S8-4040-5	GM1002-039
138083	360	4.060	3.480	5.700	1.560	11.2	10.4	9.7	-5.0	510	A	.060	S100S8-4060-5	GM1002-039
231302	350	4.000	3.480	6.000	1.260	11.0	10.2	9.5	-5.0	429	A	STD	S100S8-4000-5	GM1024-039
329622	351	4.005	3.480	6.000	1.260	11.0	10.2	9.5	-5.0	434	A	.005	S100S8-4000-5	GM1024-039
329623	352	4.010	3.480	6.000	1.260	11.0	10.2	9.5	-5.0	437	A, M	.010	J100F8-4010-0	GM1024-039
138088	353	4.020	3.480	6.000	1.260	11.0	10.2	9.6	-5.0	439	A, M	.020	S100S8-4020-5	GM1024-039
138085	355	4.030	3.480	6.000	1.260	11.1	10.3	9.6	-5.0	449	A	.030	S100S8-4030-5	GM1002-039
175937	355	4.030	3.480	6.000	1.260	11.1	10.3	9.6	-5.0	451	A, M	.030	GM1002-039	
138086	357	4.040	3.480	6.000	1.260	11.1	10.3	9.6	-5.0	450	A	.040	S100S8-4040-5	GM1002-039
138087	360	4.060	3.480	6.000	1.260	11.2	10.4	9.7	-5.0	459	A	.060	S100S8-4060-5	GM1002-039
178676	351	4.000	3.500	6.125	1.125	11.0	10.2	9.6	-5.0	409	A, B	STD	S100S8-4000-5	GM1024-039
329626	353	4.005	3.500	6.125	1.125	11.0	10.2	9.6	-5.0	411	A, B	.005	S100S8-4000-5	GM1024-039

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

350 FLAT TOP Continued

350 FLAT TOP Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio 58cc	64cc	70cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
329627	354	4.010	3.500	6.125	1.125	11.0	10.2	9.6	-5.0	413	A, B, M	.010	J100F8-4010-0	GM1024-039
138096	355	4.020	3.500	6.125	1.125	11.1	10.3	9.7	-5.0	408	A, B	.020	S100S8-4020-5	GM1024-039
138093	357	4.030	3.500	6.125	1.125	11.1	10.4	9.7	-5.0	416	A, B	.030	S100S8-4030-5	GM1002-039
138094	359	4.040	3.500	6.125	1.125	11.2	10.4	9.7	-5.0	424	A, B	.020	S100S8-4040-5	GM1002-039
138095	362	4.060	3.500	6.125	1.125	11.3	10.5	9.8	-5.0	427	A, B	.060	S100S8-4060-5	GM1002-039
140053	364	4.030	3.562	5.700	1.519	11.3	10.5	9.9	-5.0	492		.030	S100S8-4030-5	GM1002-039
140054	367	4.040	3.562	5.700	1.519	11.4	10.6	10.0	-5.0	499		.040	S100S8-4040-5	GM1002-039
140055	369	4.060	3.562	5.700	1.519	11.5	10.7	10.0	-5.0	507	L	.060	S100S8-4060-5	GM1002-039
231303	377	4.000	3.750	5.700	1.425	11.7	10.9	10.2	-5.0	462		STD	S100S8-4000-5	GM1024-039
329624	378	4.005	3.750	5.700	1.425	11.7	10.9	10.2	-5.0	465		.005	S100S8-4000-5	GM1024-039
329625	379	4.010	3.750	5.700	1.425	11.7	10.9	10.2	-5.0	467	M	.010	J100F8-4010-0	GM1024-039
138092	381	4.020	3.750	5.700	1.425	11.8	11.0	10.3	-5.0	469		.020	S100S8-4020-5	GM1024-039
138089	383	4.030	3.750	5.700	1.425	11.8	11.0	10.3	-5.0	478		.030	S100S8-4030-5	GM1002-039
138090	385	4.040	3.750	5.700	1.425	11.9	11.1	10.4	-5.0	483		.040	S100S8-4040-5	GM1002-039
138091	388	4.060	3.750	5.700	1.425	11.9	11.1	10.4	-5.0	492		.060	S100S8-4060-5	GM1002-039
146998	383	4.030	3.750	5.850	1.285	11.8	11.0	10.3	-5.0	447		.030	S100S8-4030-5	GM1002-039
178676	377	4.000	3.750	6.000	1.125	11.8	11.0	10.3	-5.0	409	B	STD	S100S8-4000-5	GM1024-039
329626	378	4.005	3.750	6.000	1.125	11.8	11.0	10.3	-5.0	411	B	.005	S100S8-4000-5	GM1024-039
329627	379	4.010	3.750	6.000	1.125	11.8	11.0	10.3	-5.0	413	B, M	.010	J100F8-4010-0	GM1024-039
138096	381	4.020	3.750	6.000	1.125	11.8	11.0	10.3	-5.0	408	B	.020	S100S8-4020-5	GM1024-039
138093	383	4.030	3.750	6.000	1.125	11.8	11.0	10.3	-5.0	416	B	.030	S100S8-4030-5	GM1002-039
138094	385	4.040	3.750	6.000	1.125	11.9	11.1	10.4	-5.0	424	B	.020	S100S8-4040-5	GM1002-039
138095	388	4.060	3.750	6.000	1.125	11.9	11.1	10.4	-5.0	427	B	.060	S100S8-4060-5	GM1002-039
140033	391	4.030	3.832	5.700	1.384	12.1	11.3	10.5	-5.0	470		.030	S100S8-4030-5	GM1002-039
144995	395	4.030	3.875	6.000	1.062	12.2	11.4	10.6	-5.0	399	B	.030	S100S8-4030-5	GM1002-039
259605	397	4.040	3.875	6.000	1.062	12.3	11.4	10.7	-5.0	406	B	.040	S100S8-4040-5	GM1002-039

400 FLAT TOP

400 FLAT TOP Std Bore: 4.125 Ring package designed for: 1/16, 1/16, 3/16 Rings														
140034	352	4.155	3.250	6.000	1.384	11.0	10.2	9.5	-5.0	498	L	.030	S100S8-4155-5	GM1004-039
140035	354	4.165	3.250	6.000	1.384	11.0	10.2	9.6	-5.0	496	L	.040	S100S8-4165-5	GM1004-039
150417	377	4.155	3.480	5.700	1.560	11.6	10.8	10.1	-5.0	529	A	.030	S100S8-4155-5	GM1004-039
231371	372	4.125	3.480	6.000	1.260	11.5	10.7	10.0	-5.0	464	A, M	STD	S100S8-4125-5	GM1003-039
329628	373	4.130	3.480	6.000	1.260	11.5	10.7	10.0	-5.0	460	A, M	.005	S100S8-4125-5	GM1003-039
329629	374	4.135	3.480	6.000	1.260	11.6	10.8	10.1	-5.0	462	A	.010	J100F8-4135-5	GM1004-039
329630	376	4.145	3.480	6.000	1.260	11.6	10.8	10.1	-5.0	465	A, M	.020	S100S8-4145-5	GM1004-039
206039	377	4.155	3.480	6.000	1.260	11.6	10.8	10.1	-5.0	474	A	.030	S100S8-4155-5	GM1004-039
329631	379	4.165	3.480	6.000	1.260	11.6	10.8	10.1	-5.0	475	A	.040	S100S8-4165-5	GM1004-039
150417	407	4.155	3.750	5.565	1.560	12.5	11.6	10.9	-5.0	529		.030	S100S8-4155-5	GM1004-039
231307	400	4.125	3.750	5.700	1.425	12.3	11.4	10.7	-5.0	493		STD	S100S8-4125-5	GM1003-039
329632	402	4.130	3.750	5.700	1.425	12.3	11.4	10.7	-5.0	488		.005	S100S8-4125-5	GM1003-039
329633	403	4.135	3.750	5.700	1.425	12.3	11.4	10.7	-5.0	492		.010	J100F8-4135-5	GM1004-039
138099	405	4.145	3.750	5.700	1.425	12.4	11.5	10.8	-5.0	505	M	.020	S100S8-4145-5	GM1004-039
138097	407	4.155	3.750	5.700	1.425	12.5	11.6	10.8	-5.0	509		.030	S100S8-4155-5	GM1004-039
138098	409	4.165	3.750	5.700	1.425	12.5	11.6	10.8	-5.0	513		.040	S100S8-4165-5	GM1004-039
231308	400	4.125	3.750	6.000	1.125	12.3	11.4	10.7	-5.0	425		STD	S100S8-4125-5	GM1003-039
329634	402	4.130	3.750	6.000	1.125	12.3	11.4	10.7	-5.0	428	B	.005	S100S8-4125-5	GM1003-039
329635	403	4.135	3.750	6.000	1.125	12.3	11.4	10.7	-5.0	432	B	.010	J100F8-4135-5	GM1004-039
138102	405	4.145	3.750	6.000	1.125	12.4	11.5	10.8	-5.0	435	B	.020	S100S8-4145-5	GM1004-039
138100	407	4.155	3.750	6.000	1.125	12.4	11.6	10.8	-5.0	443	B	.030	S100S8-4155-5	GM1004-039
138101	409	4.165	3.750	6.000	1.125	12.5	11.6	10.8	-5.0	443	B	.040	S100S8-4165-5	GM1004-039
140034	416	4.155	3.832	5.700	1.384	12.7	11.8	11.1	-5.0	498	L	.030	S100S8-4155-5	GM1004-039
140035	418	4.165	3.832	5.700	1.384	12.8	11.9	11.1	-5.0	496	L	.040	S100S8-4165-5	GM1004-039

302 / 327

302 DOME Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 58cc / Compression Ratio	64cc / Compression Ratio	70cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
338161	302	4.000	3.000	5.700	1.800	11.2	10.2	9.5	6.5	550	M, S	STD	S100S8-4000-5	GM1002-039
338162	303	4.010	3.000	5.700	1.800	11.3	10.3	9.6	6.5	553	M, S	.010	J100F8-4010-0	GM1002-039
338163	305	4.020	3.000	5.700	1.800	11.3	10.4	9.7	6.5	556	M, S	.020	S100S8-4020-5	GM1002-039
202890	306	4.030	3.000	5.700	1.800	11.4	10.4	9.7	6.5	567	S	.030	S100S8-4030-5	GM1002-039
261357	308	4.040	3.000	5.700	1.800	11.4	10.5	9.7	6.5	577	S	.040	S100S8-4040-5	GM1002-039
261358	311	4.060	3.000	5.700	1.800	11.5	10.6	9.8	6.5	584	S	.060	S100S8-4060-5	GM1002-039
327 SERIES Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings														
147752	332	4.030	3.250	5.700	1.675	13.4	12.1	11.1	12.0	540		.030	S100S8-4030-5	GM1002-039
147753	333	4.040	3.250	5.700	1.675	13.4	12.2	11.2	12.0	540		.040	S100S8-4040-5	GM1002-039
147754	336	4.060	3.250	5.700	1.675	13.5	12.3	11.3	12.0	550	M	.060	S100S8-4060-5	GM1002-039
371823	330	4.020	3.250	5.700	1.675	10.4	9.7	9.1	-5.0	497		.020	S100S8-4020-5	GM1002-039
371824	332	4.030	3.250	5.700	1.675	10.4	9.7	9.1	-5.0	499		.030	S100S8-4030-5	GM1002-039
371825	333	4.040	3.250	5.700	1.675	10.5	9.8	9.1	-5.0	501		.040	S100S8-4040-5	GM1002-039
371826	336	4.060	3.250	5.700	1.675	10.6	9.8	9.2	-5.0	503		.050	S100S8-4060-5	GM1002-039

350 / 400 DOME

350 ENGINE BLOCK Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 58cc / Compression Ratio	64cc / Compression Ratio	70cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
231309	350	4.000	3.480	5.700	1.560	13.8	12.6	11.6	11.0	498	A, M	STD	S100S8-4000-5	GM1024-039
329638	351	4.005	3.480	5.700	1.560	13.8	12.6	11.6	11.0	505	A	.005	S100S8-4000-5	GM1024-039
329639	352	4.010	3.480	5.700	1.560	13.8	12.6	11.6	11.0	515	A, M	.010	J100F8-4010-0	GM1024-039
329640	353	4.020	3.480	5.700	1.560	13.9	12.7	11.7	11.0	510	A, M	.020	S100S8-4020-5	GM1024-039
140674	355	4.030	3.480	5.700	1.560	14.0	12.7	11.7	11.0	516	A	.030	S100S8-4030-5	GM1002-039
140675	357	4.040	3.480	5.700	1.560	14.1	12.8	11.7	11.0	514	A	.040	S100S8-4040-5	GM1002-039
140676	360	4.060	3.480	5.700	1.560	14.6	12.9	11.8	11.0	530	A	.060	S100S8-4060-5	GM1002-039
329641	350	4.000	3.480	5.700	1.560	11.9	11.0	10.2	1.0	496	A, S	STD	S100S8-4000-5	GM1024-039
329642	351	4.005	3.480	5.700	1.560	11.9	11.0	10.2	1.0	500	A, S	.010	S100S8-4000-5	GM1024-039
329643	352	4.010	3.480	5.700	1.560	11.9	11.0	10.2	1.0	505	A, S, M	.010	J100F8-4010-0	GM1024-039
329644	353	4.020	3.480	5.700	1.560	11.9	11.1	10.3	1.0	510	A, S, M	.020	S100S8-4020-5	GM1024-039
206040	355	4.030	3.480	5.700	1.560	11.9	11.1	10.4	1.0	520	A, S	.030	S100S8-4030-5	GM1002-039
329645	357	4.040	3.480	5.700	1.560	11.9	11.1	10.4	1.0	520	A, S	.040	S100S8-4040-5	GM1002-039
329646	360	4.060	3.480	5.700	1.560	11.9	11.1	10.4	1.0	530	A, S, M	.060	S100S8-4060-5	GM1002-039
206041	355	4.030	3.480	6.000	1.260	11.9	11.1	10.4	1.0	464	A, S	.030	S100S8-4030-5	GM1002-039
231310	350	4.000	3.480	6.000	1.260	13.8	12.6	11.6	11.0	448	A	STD	S100S8-4000-5	GM1024-039
329647	351	4.005	3.480	6.000	1.260	13.8	12.6	11.6	11.0	449	A	.005	S100S8-4000-5	GM1024-039
329648	352	4.010	3.480	6.000	1.260	13.8	12.6	11.6	11.0	450	A, M	.010	J100F8-4010-0	GM1024-039
329649	353	4.020	3.480	6.000	1.260	13.9	12.7	11.7	11.0	455	A, M	.020	S100S8-4020-5	GM1024-039
140678	355	4.030	3.480	6.000	1.260	14.2	12.9	11.9	11.0	459	A	.030	S100S8-4030-5	GM1002-039
140679	357	4.040	3.480	6.000	1.260	14.2	13.0	12.0	11.0	469	A	.040	S100S8-4040-5	GM1002-039
140680	360	4.060	3.480	6.000	1.260	14.3	13.0	12.0	11.0	477	A	.060	S100S8-4060-5	GM1002-039
140344	383	4.030	3.750	5.700	1.425	14.0	12.9	11.9	7.0	490		.030	S100S8-4030-5	GM1002-039
140345	385	4.040	3.750	5.700	1.425	14.1	12.9	11.9	7.0	495		.040	S100S8-4040-5	GM1002-039
140346	388	4.060	3.750	5.700	1.425	14.2	13.0	12.0	7.0	501		.060	S100S8-4060-5	GM1002-039
231312	377	4.000	3.750	6.000	1.125	13.9	12.7	11.7	7.0	414	B	STD	S100S8-4000-5	GM1024-039
329650	378	4.005	3.750	6.000	1.125	13.9	12.7	11.7	7.0	415	B	.005	S100S8-4000-5	GM1024-039
329651	379	4.010	3.750	6.000	1.125	14.0	12.7	11.7	7.0	416	B, M	.010	J100F8-4010-0	GM1024-039
140347	381	4.020	3.750	6.000	1.125	14.0	12.8	11.8	7.0	417	B, M	.020	S100S8-4020-5	GM1024-039
140348	383	4.030	3.750	6.000	1.125	14.0	12.9	11.9	7.0	426	B	.030	S100S8-4030-5	GM1002-039
140349	385	4.040	3.750	6.000	1.125	14.1	12.9	11.9	7.0	433	B	.040	S100S8-4040-5	GM1002-039
140350	388	4.060	3.750	6.000	1.125	14.2	13.0	12.0	7.0	441	B	.060	S100S8-4060-5	GM1002-039

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

350 / 400 DOME Continued

400 ENGINE BLOCK Std Bore: 4.125 Ring package designed for: 1/16, 1/16, 3/16 Rings														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio 58cc	64cc	70cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
142031	377	4.155	3.480	5.700	1.560	14.2	13.0	12.0	9.0	540	A	.030	S100S8-4155-5	GM1004-039
142033	375	4.145	3.480	6.000	1.260	14.2	13.0	12.0	9.0	483	A, M	.020	S100S8-4145-5	GM1004-039
142034	377	4.155	3.480	6.000	1.260	14.2	13.0	12.0	9.0	495	A	.030	S100S8-4155-5	GM1004-039
142035	379	4.165	3.480	6.000	1.260	14.2	13.0	12.0	9.0	493	A	.040	S100S8-4165-5	GM1004-039
329652	400	4.125	3.750	5.700	1.425	14.0	12.8	11.8	4.0	486		STD	S100S8-4125-5	GM1004-039
329653	402	4.130	3.750	5.700	1.425	14.0	12.8	11.8	4.0	488		.005	S100S8-4125-5	GM1004-039
329654	403	4.135	3.750	5.700	1.425	14.0	12.8	11.8	4.0	492	M	.010	J100F8-4135-5	GM1004-039
329655	405	4.145	3.750	5.700	1.425	14.0	12.8	11.8	4.0	496	M	.020	S100S8-4145-5	GM1004-039
142021	407	4.155	3.750	5.700	1.425	14.0	12.9	11.9	4.0	504		.030	S100S8-4155-5	GM1004-039
142022	409	4.165	3.750	5.700	1.425	14.1	12.9	11.9	4.0	508		.040	S100S8-4165-5	GM1004-039
329656	400	4.125	3.750	6.000	1.125	14.0	12.8	11.8	4.0	426	B	STD	S100S8-4125-5	GM1004-039
329657	402	4.130	3.750	6.000	1.125	14.0	12.8	11.8	4.0	428	B, M	.005	S100S8-4125-5	GM1004-039
329658	403	4.135	3.750	6.000	1.125	14.0	12.9	11.8	4.0	432	B, M	.010	J100F8-4135-5	GM1004-039
142023	405	4.145	3.750	6.000	1.125	14.0	12.8	11.8	4.0	443	B	.020	S100S8-4145-5	GM1004-039
142024	407	4.155	3.750	6.000	1.125	14.0	12.9	11.9	4.0	449	B	.030	S100S8-4155-5	GM1004-039
142025	409	4.165	3.750	6.000	1.125	14.1	12.9	11.9	4.0	456	B	.040	S100S8-4165-5	GM1004-039

350 / 400 INVERTED DOME

350 SERIES Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings														
231315	350	4.000	3.480	5.700	1.560	8.9	8.4	8.0	-24.0	486	A	STD	S100S8-4000-5	GM1024-039
329678	351	4.005	3.480	5.700	1.560	8.9	8.4	8.0	-24.0	490	A	.005	S100S8-4000-5	GM1024-039
329679	352	4.010	3.480	5.700	1.560	8.9	8.4	8.0	-24.0	495	A, M	.010	J100F8-4010-0	GM1024-039
139631	353	4.020	3.480	5.700	1.560	9.0	8.5	8.0	-24.0	497	A, M	.020	S100S8-4020-5	GM1024-039
139632	355	4.030	3.480	5.700	1.560	9.0	8.5	8.0	-24.0	501	A	.030	S100S8-4030-5	GM1002-039
139633	357	4.040	3.480	5.700	1.560	9.0	8.5	8.0	-24.0	508	A	.040	S100S8-4040-5	GM1002-039
139634	360	4.060	3.480	5.700	1.560	9.0	8.5	8.0	-24.0	511	A	.060	S100S8-4060-5	GM1002-039
139632	383	4.030	3.750	5.565	1.560	9.6	9.0	8.6	-24.0	501		.030	S100S8-4030-5	GM1002-039
139633	385	4.040	3.750	5.565	1.560	9.6	9.0	8.6	-24.0	508		.040	S100S8-4040-5	GM1002-039
139634	388	4.060	3.750	5.565	1.560	9.6	9.0	8.6	-24.0	511		.060	S100S8-4060-5	GM1002-039
231316	377	4.000	3.750	5.700	1.425	10.3	9.7	9.1	-16.0	456		STD	S100S8-4000-5	GM1024-039
329680	378	4.005	3.750	5.700	1.425	10.3	9.7	9.1	-16.0	452		.005	S100S8-4000-5	GM1024-039
329681	379	4.010	3.750	5.700	1.425	10.3	9.7	9.1	-16.0	455	M	.010	J100F8-4010-0	GM1024-039
139627	381	4.020	3.750	5.700	1.425	10.4	9.8	9.2	-16.0	459		.020	S100S8-4020-5	GM1024-039
139628	383	4.030	3.750	5.700	1.425	10.4	9.8	9.2	-16.0	466		.030	S100S8-4030-5	GM1002-039
139629	385	4.040	3.750	5.700	1.425	10.4	9.8	9.2	-16.0	467		.040	S100S8-4040-5	GM1002-039
139630	388	4.060	3.750	5.700	1.425	10.5	9.9	9.3	-16.0	482		.060	S100S8-4060-5	GM1002-039
329683	377	4.000	3.750	5.700	1.425	8.9	8.4	8.0	-31.0	455	M	STD	S100S8-4000-5	GM1024-039
329684	378	4.005	3.750	5.700	1.425	9.0	8.5	8.1	-31.0	460		.005	S100S8-4000-5	GM1024-039
329685	379	4.010	3.750	5.700	1.425	9.0	8.5	8.1	-31.0	465	M	.010	J100F8-4010-0	GM1024-039
329686	381	4.020	3.750	5.700	1.425	9.0	8.5	8.1	-31.0	469	M	.020	S100S8-4020-5	GM1024-039
148750	383	4.030	3.750	5.700	1.425	9.0	8.5	8.1	-31.0	473		.030	S100S8-4030-5	GM1002-039
259611	385	4.040	3.750	5.700	1.425	9.0	8.6	8.1	-31.0	481		.040	S100S8-4040-5	GM1002-039
329687	388	4.060	3.750	5.700	1.425	9.1	8.6	8.2	-31.0	485		.060	S100S8-4060-5	GM1002-039
146997	383	4.030	3.750	5.850	1.285	10.4	9.8	9.2	-16.0	434	M	.030	S100S8-4030-5	GM1002-039
329688	350	4.000	3.480	6.000	1.260	8.9	8.4	8.0	-24.0	426	A, B, M	STD	S100S8-4000-5	GM1024-039
329689	351	4.005	3.480	6.000	1.260	8.9	8.4	8.0	-24.0	428	A, B	.005	S100S8-4000-5	GM1024-039
329690	352	4.010	3.480	6.000	1.260	8.9	8.4	8.0	-24.0	432	A, B, M	.010	J100F8-4010-0	GM1024-039
329691	353	4.020	3.480	6.000	1.260	9.0	8.5	8.0	-24.0	438	A, B, M	.020	S100S8-4020-5	GM1024-039
203194	355	4.030	3.480	6.000	1.260	9.0	8.5	8.0	-24.0	442	A, B	.030	S100S8-4030-5	GM1002-039
203195	357	4.040	3.480	6.000	1.260	9.0	8.5	8.0	-24.0	446	A, B	.040	S100S8-4040-5	GM1002-039
203196	360	4.060	3.480	6.000	1.260	9.0	8.5	8.0	-24.0	453	A, B, M	.060	S100S8-4060-5	GM1002-039
148988	395	4.030	3.875	5.850	1.213	11.0	10.3	9.7	-14.0	417	B	.030	S100S8-4030-5	GM1002-039
231317	377	4.000	3.750	6.000	1.125	10.3	9.7	9.1	-16.0	390		STD	S100S8-4000-5	GM1024-039

350 SERIES Continued Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 58cc / Compression Ratio	64cc / Compression Ratio	70cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
329692	378	4.005	3.750	6.000	1.125	10.3	9.7	9.1	-16.0	392	B	.005	S100S8-4000-5	GM1024-039
329693	379	4.010	3.750	6.000	1.125	10.3	9.7	9.1	-16.0	396	B, M	.010	J100F8-4010-0	GM1024-039
138106	381	4.020	3.750	6.000	1.125	10.4	9.8	9.2	-16.0	400	B, M	.020	S100S8-4020-5	GM1024-039
138103	383	4.030	3.750	6.000	1.125	10.4	9.8	9.2	-16.0	403	B	.030	S100S8-4030-5	GM1002-039
138104	385	4.040	3.750	6.000	1.125	10.5	9.8	9.2	-16.0	410	B	.040	S100S8-4040-5	GM1002-039
138105	388	4.060	3.750	6.000	1.125	10.4	9.9	9.3	-16.0	420	B	.060	S100S8-4060-5	GM1002-039
400 SERIES Std Bore: 4.125 Ring package designed for: 1/16, 1/16, 3/16 Rings														
231318	400	4.125	3.750	5.700	1.425	10.3	9.7	9.2	-21.0	477		STD	S100S8-4125-5	GM1003-039
329694	402	4.130	3.750	5.700	1.425	10.3	9.7	9.2	-21.0	477	M	.005	S100S8-4125-5	GM1004-039
329695	403	4.135	3.750	5.700	1.425	10.3	9.7	9.2	-21.0	480	M	.010	J100F8-4135-5	GM1004-039
139624	405	4.145	3.750	5.700	1.425	10.4	9.8	9.2	-21.0	483	M	.020	S100S8-4145-5	GM1004-039
139625	407	4.155	3.750	5.700	1.425	10.4	9.8	9.2	-21.0	489		.030	S100S8-4155-5	GM1004-039
139626	409	4.165	3.750	5.700	1.425	10.4	9.8	9.2	-42.0	493		.040	S100S8-4165-5	GM1004-039
206042	375	4.145	3.480	6.000	1.260	9.2	8.8	8.3	-26.0	463	A	.020	S100S8-4145-5	GM1004-039
206043	377	4.155	3.480	6.000	1.260	9.2	8.8	8.3	-26.0	467	A	.030	S100S8-4155-5	GM1004-039
259661	421	4.155	3.875	5.850	1.213	11.3	10.6	10.0	-16.0	442	B, M	.030	S100S8-4155-5	GM1004-039
259616	427	4.125	4.000	5.850	1.150	10.9	10.3	9.7	-21.0	424	B	STD	S100S8-4125-5	GM1003-039
345653	404	4.135	4.000	5.850	1.150	10.9	10.3	9.7	-21.0	430	B, M	.010	J100F8-4135-5	GM1004-039
259619	432	4.145	4.000	5.850	1.150	11.0	10.4	9.8	-21.0	432	B, M	.020	S100S8-4145-5	GM1004-039
259620	434	4.155	4.000	5.850	1.150	11.0	10.4	9.8	-21.0	435	B	.030	S100S8-4155-5	GM1004-039
329696	402	4.130	3.750	6.000	1.125	10.8	10.2	9.6	-16.0	414	B	.005	S100S8-4125-5	GM1004-039
231319	400	4.125	3.750	6.000	1.125	10.8	10.2	9.6	-16.0	415	B	STD	S100S8-4125-5	GM1003-039
329697	402	4.135	3.750	6.000	1.125	10.8	10.2	9.6	-16.0	417	B	.010	J100F8-4135-5	GM1004-039
147548	405	4.145	3.750	6.000	1.125	10.9	10.3	9.7	-16.0	421	B	.020	S100S8-4145-5	GM1004-039
147549	407	4.155	3.750	6.000	1.125	11.0	10.3	9.7	-16.0	426	B	.030	S100S8-4155-5	GM1004-039
147550	409	4.165	3.750	6.000	1.125	11.0	10.3	9.8	-16.0	432	B	.040	S100S8-4165-5	GM1004-039
400 SERIES - STOCK DECK HEIGHT (9.025") BLOCK Std Bore: 4.125 Ring package designed for: 1/16, 1/16, 3/16 Rings														
259616	400	4.125	3.750	6.000	1.150	10.3	9.7	9.2	-21.0	424	B	STD	S100S8-4125-5	GM1003-039
345653	404	4.135	3.750	6.000	1.150	10.3	9.7	9.2	-21.0	430	B, M	.010	J100F8-4135-5	GM1004-039
259619	405	4.145	3.750	6.000	1.150	10.4	9.8	9.3	-21.0	432	B, M	.020	S100S8-4145-5	GM1004-039
259620	407	4.155	3.750	6.000	1.150	10.4	9.8	9.3	-21.0	435	B	.030	S100S8-4155-5	GM1004-039
338165	408	4.165	3.750	6.000	1.150	10.5	9.9	9.3	-21.0		B, M	.040	S100S8-4165-5	GM1004-039

GM 502 REPLACEMENT SERIES

GM 502 REPLACEMENT SERIES Std Bore: 502 = 4.468 Ring package designed for: 1/16, 1/16, 3/16 Rings *Use GM1013-039 Gasket for Mark V & VI Blocks														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 112cc / Compression Ratio	118cc / Compression Ratio	124cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
281916	502	4.470	4.000	6.135	1.645	9.6	9.0	8.7	1.0	699		.002	S100S8-4470-5	GM1010-039**
281919	509	4.500	4.000	6.135	1.645	9.7	9.1	8.8	1.0	714		.032	S100S8-4500-5	GM1010-039**
338167	516	4.530	4.000	6.135	1.645	9.8	9.2	8.9	1.0		M	.062	S100S8-4530-5	GM1010-039**

GM 572 REPLACEMENT SERIES

GM 572 REPLACEMENT SERIES Std Bore: 4.560 Ring package designed for: 1/16, 1/16, 3/16 Rings *Use GM1013-039 Gasket for Mark V & VI Blocks														
297250	572	4.560	4.375	6.535	1.465	10.3	9.8	9.5	-3.0	675		STD	S100S8-4560-5	GM1011-039**
297251	573	4.565	4.375	6.535	1.465	10.3	9.9	9.5	-3.0	680		.005	S100S8-4560-5	GM1011-039**
297252	582	4.600	4.375	6.535	1.465	10.4	10.0	9.6	-3.0	699		.040	S100S8-4600-5	GM1011-039**
297254	572	4.560	4.375	6.535	1.465	13.6	12.9	12.2	31.0	668	M	STD	S100S8-4560-5	GM1011-039**
297255	573	4.565	4.375	6.535	1.465	13.7	12.9	12.2	31.0	671	M	.005	S100S8-4560-5	GM1011-039**
297257	582	4.600	4.375	6.535	1.465	13.8	13.0	12.4	31.0	689	M	.040	S100S8-4600-5	GM1011-039**

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

FLAT TOP / INVERTED DOME

BBC FLAT TOP Std Bore: 454 = 4.250, 502 = 4.468 Ring package designed for: 1/16, 1/16, 3/16 Rings
*Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039
*Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039
*Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						112cc	118cc	124cc						
						Compression Ratio								
139477	460	4.280	4.000	6.135	1.645	8.5	8.2	7.9	-3.0	607		.030	S100S8-4280-5	GM1009-039**
139478	466	4.310	4.000	6.135	1.645	8.6	8.3	8.0	-3.0	616		.060	S100S8-4310-5	GM1009-039**
139479	469	4.320	4.000	6.135	1.645	8.7	8.3	8.0	-3.0	624		.070	S100S8-4320-5	GM1009-039**
139480	475	4.350	4.000	6.135	1.645	8.8	8.4	8.1	-3.0	639		.100	S100S8-4350-5	GM1010-039**
139481	502	4.470	4.000	6.135	1.645	9.2	8.8	8.5	-3.0	660		.002	S100S8-4470-5	GM1010-039**
139482	508	4.500	4.000	6.135	1.645	9.3	8.9	8.6	-3.0	676		.032	S100S8-4500-5	GM1010-039**
139483	515	4.530	4.000	6.135	1.645	9.4	9.0	8.7	-3.0	695		.062	S100S8-4530-5	GM1011-039**
338168	523	4.560	4.000	6.135	1.645	9.5	9.1	8.8	-3.0	708	M	.092	S100S8-4560-5	GM1011-039**
142972	460	4.280	4.000	6.385	1.395	8.5	8.2	7.9	-3.0	556		.030	S100S8-4280-5	GM1009-039**
142973	466	4.310	4.000	6.385	1.395	8.6	8.3	8.0	-3.0	569		.060	S100S8-4310-5	GM1009-039**
142974	469	4.320	4.000	6.385	1.395	8.7	8.3	8.0	-3.0	576	M	.070	S100S8-4320-5	GM1009-039**
142975	475	4.350	4.000	6.385	1.395	8.8	8.4	8.1	-3.0	594	M	.100	S100S8-4350-5	GM1010-039**
142977	508	4.500	4.000	6.385	1.395	9.3	8.9	8.6	-3.0	628		.032	S100S8-4500-5	GM1010-039**
142978	515	4.530	4.000	6.385	1.395	9.4	9.0	8.7	-3.0	646		.062	S100S8-4530-5	GM1011-039**
338169	523	4.560	4.000	6.385	1.395	9.5	9.1	8.8	-3.0	661	M	.092	S100S8-4560-5	GM1011-039**
139506	489	4.280	4.250	6.135	1.520	9.0	8.6	8.3	-3.0	585		.030	S100S8-4280-5	GM1009-039**
139507	496	4.310	4.250	6.135	1.520	9.1	8.7	8.3	-3.0	600		.060	S100S8-4310-5	GM1009-039**
139508	498	4.320	4.250	6.135	1.520	9.1	9.8	8.4	-3.0	601	M	.070	S100S8-4320-5	GM1009-039**
139521	540	4.500	4.250	6.135	1.520	9.8	9.4	9.1	-3.0	650	M	.032	S100S8-4500-5	GM1010-039**
139522	547	4.530	4.250	6.135	1.520	9.9	9.5	9.2	-3.0	670		.062	S100S8-4530-5	GM1011-039**
338170	555	4.560	4.250	6.135	1.520	10.0	9.6	9.3	-3.0	685	B, M	.092	S100S8-4560-5	GM1011-039**
142979	489	4.280	4.250	6.385	1.270	9.0	8.6	8.3	-3.0	520	B	.030	S100S8-4280-5	GM1009-039**
142980	496	4.310	4.250	6.385	1.270	9.1	8.7	8.4	-3.0	542	B	.060	S100S8-4310-5	GM1009-039**
142981	498	4.320	4.250	6.385	1.270	9.1	8.8	8.4	-3.0	544	B	.070	S100S8-4320-5	GM1009-039**
142982	505	4.350	4.250	6.385	1.270	9.3	8.9	8.5	-3.0	560	B	.100	S100S8-4350-5	GM1010-039**
142983	533	4.470	4.250	6.385	1.270	9.7	9.3	9.0	-3.0	578	B	.002	S100S8-4470-5	GM1010-039**
142984	540	4.500	4.250	6.385	1.270	9.8	9.4	9.1	-3.0	595	B	.030	S100S8-4500-5	GM1010-039**
142985	547	4.530	4.250	6.385	1.270	9.9	9.5	9.2	-3.0	610	B	.062	S100S8-4530-5	GM1011-039**
231513	555	4.560	4.250	6.385	1.270	10.0	9.6	9.2	-3.0	628	B	.092	S100S8-4560-5	GM1011-039**

BBC INVERTED DOME Std Bore: 454 = 4.250, 502 = 4.468 Ring package designed for: 1/16, 1/16, 3/16 Rings
*Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039

338171	489	4.280	4.250	6.385	1.270	8.7	8.3	8.0	-9.0	518	B, M	.030	S100S8-4280-5	GM1009-039**
338172	496	4.310	4.250	6.385	1.270	8.8	8.4	8.1	-9.0	535	B, M	.060	S100S8-4310-5	GM1009-039**
338173	498	4.320	4.250	6.385	1.270	8.8	8.4	8.1	-9.0	540	B, M	.070	S100S8-4320-5	GM1009-039**
338174	505	4.350	4.250	6.385	1.270	8.9	8.5	8.2	-9.0	552	B, M	.100	S100S8-4350-5	GM1010-039**
338175	533	4.470	4.250	6.385	1.270	9.3	8.9	8.6	-9.0		B, M	.002	S100S8-4470-5	GM1010-039**
181553	540	4.500	4.250	6.385	1.270	9.4	9.0	8.7	-9.0	592	B	.032	S100S8-4500-5	GM1010-039**
338176	547	4.530	4.250	6.385	1.270	9.5	9.1	8.8	-9.0	607	B, M	.062	S100S8-4530-5	GM1011-039**
338177	555	4.560	4.250	6.385	1.270	9.6	9.2	8.9	-9.0		B, M	.092	S100S8-4560-5	GM1011-039**

SMALL DOME PROFILE

OPEN CHAMBER Std Bore: 454 = 4.250, 502 = 4.468 Ring package designed for: 1/16, 1/16, 3/16 Rings
*Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039
*Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039
*Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						112cc	118cc	124cc						
						Compression Ratio								
212133	432	4.280	3.760	6.135	1.765	10.6	10.0	9.5	30.0	668		.030	S100S8-4280-5	GM1009-039**
212134	438	4.310	3.760	6.135	1.765	10.6	10.0	9.5	29.0	682		.060	S100S8-4310-5	GM1009-039**
363314	441	4.320	3.760	6.135	1.765	10.6	10.0	9.5	28.0	684	M	.070	S100S8-4320-5	GM1009-039**
306724	460	4.280	4.000	6.135	1.645	9.5	9.0	8.5	9.0	589		.030	S100S8-4280-5	GM1009-039**
306725	466	4.310	4.000	6.135	1.645	9.5	9.0	8.5	11.0	600	M	.060	S100S8-4310-5	GM1009-039**
212135	460	4.280	4.000	6.135	1.645	10.5	9.9	9.5	23.0	622		.030	S100S8-4280-5	GM1009-039**
212136	466	4.310	4.000	6.135	1.645	10.6	10.1	9.6	23.0	638		.060	S100S8-4310-5	GM1009-039**
212137	469	4.320	4.000	6.135	1.645	10.7	10.1	9.6	23.0	644		.070	S100S8-4320-5	GM1009-039**
212138	475	4.350	4.000	6.135	1.645	10.8	10.3	9.8	23.0	654		.100	S100S8-4350-5	GM1010-039**
212139	502	4.470	4.000	6.135	1.645	10.8	10.2	9.8	17.0	665		.002	S100S8-4470-5	GM1010-039**
212140	508	4.500	4.000	6.135	1.645	10.9	10.4	9.9	17.0	684		.032	S100S8-4500-5	GM1011-039**
212141	515	4.530	4.000	6.135	1.645	11.0	10.5	10.0	17.0	701		.062	S100S8-4530-5	GM1011-039**
338178	523	4.560	4.000	6.135	1.645	11.2	10.5	10.0	17.0	710	M	.092	S100S8-4560-5	GM1011-039**
212142	460	4.280	4.000	6.385	1.395	10.8	10.2	9.7	26.0	588		.030	S100S8-4280-5	GM1009-039**
212143	466	4.310	4.000	6.385	1.395	10.9	10.3	9.8	26.0	599		.060	S100S8-4310-5	GM1009-039**
212144	469	4.320	4.000	6.385	1.395	10.9	10.3	9.8	26.0	603		.070	S100S8-4320-5	GM1009-039**
212145	475	4.350	4.000	6.385	1.395	11.0	10.5	10.0	26.0	617	M	.100	S100S8-4350-5	GM1010-039**
212146	502	4.470	4.000	6.385	1.395	10.7	10.2	9.7	17.0	619	L	.002	J100S8-4470-5	GM1010-039**
212147	508	4.500	4.000	6.385	1.395	10.8	10.3	9.8	17.0	632		.032	S100S8-4500-5	GM1010-039**
212148	515	4.530	4.000	6.385	1.395	11.1	10.4	9.9	17.0	648		.062	S100S8-4530-5	GM1011-039**
338179	523	4.560	4.000	6.385	1.395	11.2	10.5	10.0	17.0	667	M	.092	S100S8-4560-5	GM1011-039**
212149	489	4.280	4.250	6.135	1.520	10.5	10..0	9.5	17.0	592		.030	S100S8-4280-5	GM1009-039**
212150	496	4.310	4.250	6.135	1.520	10.6	10.1	9.6	17.0	610		.060	S100S8-4310-5	GM1009-039**
212151	498	4.320	4.250	6.135	1.520	10.7	10.1	9.7	17.0	613	M	.070	S100S8-4320-5	GM1009-039**
212152	505	4.350	4.250	6.135	1.520	10.8	10.3	9.8	17.0	627	L	.100	S100S8-4350-5	GM1010-039**
212154	540	4.500	4.250	6.135	1.520	10.4	10.0	9.5	6.0	640	L	.032	S100S8-4500-5	GM1010-039**
212156	489	4.280	4.250	6.385	1.270	10.7	10.2	9.7	18.0	546	B	.030	S100S8-4280-5	GM1009-039**
212157	496	4.310	4.250	6.385	1.270	10.7	10.2	9.7	18.0	557	B	.060	S100S8-4310-5	GM1009-039**
212158	498	4.320	4.250	6.385	1.270	10.8	10.3	9.8	18.0	564	B	.070	S100S8-4320-5	GM1009-039**
212159	505	4.350	4.250	6.385	1.270	10.9	10.4	9.9	18.0	579	B	.100	S100S8-4350-5	GM1010-039**
212160	533	4.470	4.250	6.385	1.270	10.7	10.2	9.8	10.0	590	B	.002	S100S8-4470-5	GM1010-039**
212161	540	4.500	4.250	6.385	1.270	10.9	10.4	9.9	10.0	601	B	.032	S100S8-4500-5	GM1010-039**
212162	547	4.530	4.250	6.385	1.270	11.0	10.5	10.0	10.0	616	B	.062	S100S8-4530-5	GM1011-039**
211760	550	4.560	4.250	6.385	1.270	11.1	10.6	10.1	10.0	635	B	.092	S100S8-4560-5	GM1011-039**

EDELBROCK® DOME

Features:
Specifically designed for Edelbrock® 118cc Cylinder Heads!
Edelbrock® #60559, 61559, 60549 (Performer RPM Rectangular Port) and GM® Signature Series
Forged from Premium 2618 aluminum alloy

CNC Machined ring grooves accept 1/16, 1/16, 3/16 rings (Sold Separately)

Pins and Locks:
Pin fitting and double spiro locks (#990-042-CS) included
990-2930-1551S wrist pin (150 grams) included
Optional bearing steel pins available

EDELBROCK DOME Std Bore: 454 = 4.250, 502 = 4.468 Ring package designed for: 1.5, 1.5, 3.0MM Rings
*Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						112cc	118cc	124cc						
						Compression Ratio								
203430	466	4.310	4.000	6.135	1.645	13.9	12.9	12.1	48.0	692	M	.060	S100S8-4310-5	GM1009-039**
203432	466	4.310	4.000	6.385	1.395	13.9	12.9	12.1	48.0	638	B, M	.060	S100S8-4310-5	GM1009-039**
203433	489	4.280	4.250	6.385	1.270	13.4	12.5	11.8	41.0	581	B, M	.030	S100S8-4280-5	GM1009-039**
203434	496	4.310	4.250	6.385	1.270	13.5	12.6	11.9	41.0	597	B, M	.060	S100S8-4310-5	GM1009-039**
203435	496	4.350	4.250	6.385	1.270	13.7	12.8	12.1	41.0	611	B, M	.060	S100S8-4350-5	GM1010-039**

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

427 OPEN CHAMBER

427 OPEN CHAMBER Std Bore: 4.250 Ring package designed for: 1/16, 1/16, 3/16 Rings
*Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio 112cc	118cc	124cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
158830	433	4.280	3.760	6.135	1.765	13.0	12.1	11.3	48.0	715		.030	S100S8-4280-5	GM1009-039**
162840	439	4.310	3.760	6.135	1.765	13.1	12.2	11.4	48.0	733		.060	S100S8-4310-5	GM1009-039**

HIGH COMPRESSION DOME

BBC HIGH COMPRESSION DOME Std Bore: 454 = 4.250, 502 = 4.468 Ring package designed for: 1/16, 1/16, 3/16 Rings
*Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039
*Use GM1013-039 Gasket for Mark V & VI Blocks when using GM1010-039
*Use GM1014-039 Gasket for Mark V & VI Blocks when using GM1011-039

139530	460	4.280	4.000	6.135	1.645	13.7	12.8	11.9	48.0	677		.030	S100S8-4280-5	GM1009-039**
139531	466	4.310	4.000	6.135	1.645	13.9	12.9	12.1	48.0	693		.060	S100S8-4310-5	GM1009-039**
139532	469	4.320	4.000	6.135	1.645	13.9	12.9	12.1	48.0	700		.070	S100S8-4320-5	GM1009-039**
139533	475	4.350	4.000	6.135	1.645	14.1	13.2	12.3	48.0	714		.100	S100S8-4350-5	GM1010-039**
139534	502	4.470	4.000	6.135	1.645	13.7	12.8	12.0	41.0	710	M	.002	S100S8-4470-5	GM1010-039**
139535	508	4.500	4.000	6.135	1.645	13.8	12.9	12.2	41.0	725	M	.032	S100S8-4500-5	GM1010-039**
139536	516	4.530	4.000	6.135	1.645	13.8	12.9	12.2	41.0	743	M	.062	S100S8-4530-5	GM1011-039**
140685	466	4.310	4.000	6.385	1.395	13.9	12.9	12.1	48.0	643		.060	S100S8-4310-5	GM1009-039**
140686	469	4.320	4.000	6.385	1.395	13.9	13.0	12.8	48.0	646		.070	S100S8-4320-5	GM1009-039**
140687	475	4.350	4.000	6.385	1.395	14.1	13.2	12.3	48.0	664		.100	S100S8-4350-5	GM1010-039**
140682	508	4.500	4.000	6.385	1.395	14.0	13.1	12.3	41.0	676		.032	S100S8-4500-5	GM1010-039**
140683	516	4.530	4.000	6.385	1.395	14.0	13.1	12.3	41.0	686	M	.062	S100S8-4530-5	GM1011-039**
152154	522	4.560	4.000	6.385	1.395	13.7	12.8	12.1	39.0	672	M	.092	S100S8-4560-5	GM1011-039**
152155	531	4.600	4.000	6.385	1.395	13.9	13.0	12.3	39.0	697	M	.132	S100S8-4600-5	GM1011-039**
139835	460	4.280	4.000	6.535	1.245	13.7	12.8	11.9	48.0	592	B, L	.030	S100S8-4280-5	GM1009-039**
139836	466	4.310	4.000	6.535	1.245	13.7	12.8	11.9	48.0	605	B	.060	S100S8-4310-5	GM1009-039**
139837	469	4.320	4.000	6.535	1.245	13.7	12.8	11.9	48.0	610	B	.070	S100S8-4320-5	GM1009-039**
139838	475	4.350	4.000	6.535	1.245	14.0	13.1	12.3	48.0	625	B	.100	S100S8-4350-5	GM1010-039**
152159	508	4.500	4.000	6.535	1.245	13.7	12.8	12.1	41.0	630	B	.032	S100S8-4500-5	GM1010-039**
152160	515	4.530	4.000	6.535	1.245	13.9	12.9	12.0	41.0	650	B, M	.062	S100S8-4530-5	GM1011-039**
152161	522	4.560	4.000	6.535	1.245	13.7	12.8	12.1	39.0	636	B	.092	S100S8-4560-5	GM1011-039**
152162	531	4.600	4.000	6.535	1.245	13.9	13.0	12.3	39.0	658	B	.132	S100S8-4600-5	GM1011-039**
139537	489	4.280	4.250	6.135	1.520	13.8	12.9	12.1	43.0	634		.060	S100S8-4280-5	GM1009-039**
139542	496	4.310	4.250	6.135	1.520	13.8	12.9	12.1	43.0	655		.060	S100S8-4310-5	GM1009-039**
139543	498	4.320	4.250	6.135	1.520	13.8	12.9	12.1	43.0	658		.070	S100S8-4320-5	GM1009-039**
139544	505	4.350	4.250	6.135	1.520	14.0	13.1	12.3	43.0	672	M	.100	S100S8-4350-5	GM1010-039**
139831	489	4.280	4.250	6.385	1.270	13.8	12.7	11.8	43.0	581	B	.030	S100S8-4280-5	GM1009-039**
139832	496	4.310	4.250	6.385	1.270	13.8	12.7	11.8	43.0	600	B	.060	S100S8-4310-5	GM1009-039**
139833	498	4.320	4.250	6.385	1.270	13.8	12.9	12.1	43.0	605	B	.070	S100S8-4320-5	GM1009-039**
139834	505	4.350	4.250	6.385	1.270	14.0	13.1	12.3	43.0	619	B	.100	S100S8-4350-5	GM1010-039**
140328	533	4.470	4.250	6.385	1.270	13.9	12.8	12.0	36.0	605	B, L	.002	S100S8-4470-5	GM1010-039**
140329	540	4.500	4.250	6.385	1.270	13.9	12.8	12.0	36.0	630	B	.032	S100S8-4500-5	GM1010-039**
140330	548	4.530	4.250	6.385	1.270	13.8	13.0	12.0	36.0	646	B	.062	S100S8-4530-5	GM1011-039**
152156	555	4.560	4.250	6.385	1.270	13.6	12.8	12.1	33.0	631	B	.092	S100S8-4560-5	GM1011-039**
152157	565	4.600	4.250	6.385	1.270	13.8	13.0	12.3	33.0	650	B	.132	S100S8-4600-5	GM1011-039**
140341	540	4.500	4.250	6.535	1.120	13.9	12.8	12.0	36.0	584	B	.032	S100S8-5000-5	GM1010-039**
140342	548	4.530	4.250	6.535	1.120	13.9	12.8	12.0	36.0	597	B	.062	S100S8-4530-5	GM1011-039**
231510	555	4.560	4.250	6.535	1.120	13.9	12.8	12.0	36.0	617	B	.092	S100S8-4560-5	GM1011-039**
345654	565	4.600	4.250	6.535	1.120	14.1	13.0	12.2	36.0	630	B, M	.132	S100S8-4600-5	GM1011-039**

CLOSED CHAMBER SMALL DOME PROFILE

CLOSED CHAMBER Std Bore: 454 = 4.250 Ring package designed for: 5/64, 5/64, 3/16 Rings or 1/16, 1/16, 3/16
*Use GM1012-039 Gasket for Mark V & VI Blocks when using GM1009-039

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 101cc Compression Ratio	107cc Compression Ratio	109cc Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
338181	460	4.280	4.000	6.135	1.645	10.7	10.1	10.0	14.0	641	M	.030	S100S8-4280-5	GM1009-039**
141635	460	4.280	4.000	6.135	1.645	10.7	10.1	10.0	14.0	643		.030	JE00F8-4280-0	GM1009-039**
338182	466	4.310	4.000	6.135	1.645	10.8	10.3	10.1	14.0	658	M	.060	S100S8-4310-5	GM1009-039**
141636	466	4.310	4.000	6.135	1.645	10.8	10.3	10.1	14.0	659		.060	JE00F8-4310-0	GM1009-039**
338183	469	4.320	4.000	6.385	1.645	10.9	10.3	10.1	14.0	660	M	.070	S100S8-4320-5	GM1009-039**
143593	489	4.280	4.250	6.385	1.270	10.4	9.9	9.8	5.0	542	B	.030	JE00F8-4280-0	GM1009-039**
338184	489	4.280	4.250	6.385	1.270	10.4	9.9	9.8	5.0	536	B, M	.030	S100S8-4280-5	GM1009-039**
145376	496	4.310	4.250	6.385	1.270	10.6	10.1	9.9	5.0	560	B	.060	JE00F8-4310-0	GM1009-039**
338185	496	4.310	4.250	6.385	1.270	10.6	10.1	9.9	5.0	557	B, M	.060	S100S8-4310-5	GM1009-039**
338186	498	4.320	4.250	6.385	1.270	10.6	10.1	9.9	5.0	562	B, M	.070	S100S8-4320-5	GM1009-039**

SMALL BLOCK 318

318 FLAT TOP Std Bore: 3.910 Ring package designed for: 1/16, 1/16, 3/16 Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 60cc Compression Ratio	65cc Compression Ratio	70cc Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
345792	323	3.940	3.313	6.123	1.790	9.8	9.2	8.8	-5.0	496	M	.030	J100F8-3935-5	
345793	325	3.950	3.313	6.123	1.790	9.9	9.3	8.9	-5.0	498	M	.040	S100S8-3945-5	
345794	333	4.000	3.313	6.123	1.790	10.1	9.4	9.1	-5.0		M	.090	S100S8-4000-5	

SMALL BLOCK 340 / 360

340 FLAT TOP Std Bore: 4.040 Ring package designed for: 1/16, 1/16, 3/16 Rings														
345777	340	4.040	3.313	6.123	1.804	10.3	9.6	9.0	-5.0	525	M	STD	S100S8-4040-5	CR1001-039
345778	343	4.060	3.313	6.123	1.804	10.4	9.7	9.1	-5.0	535	M	.020	S100S8-4060-5	CR1001-039
142068	345	4.070	3.313	6.123	1.804	10.5	9.8	9.2	-5.0	536		.030	J100F8-4070-5	CR1001-039
310725	347	4.080	3.313	6.123	1.804	10.6	10.0	9.4	-5.0	542		.040	J100F8-4080-5	CR1001-039
360 FLAT TOP Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings														
345796	364	4.020	3.580	6.123	1.670	10.8	10.3	9.6	-5.0	494	M	STD	S100S8-4020-5	CR1000-039
142069	365	4.030	3.580	6.123	1.670	11.1	10.5	9.9	-5.0	489		.030	S100S8-4030-5	CR1000-039
142070	367	4.040	3.580	6.123	1.670	11.1	10.5	10.0	-5.0	497		.040	S100S8-4040-5	CR1000-039
142071	371	4.060	3.580	6.123	1.670	11.2	10.6	10.0	-5.0	503	M	.060	S100S8-4060-5	CR1000-039
345797	373	4.070	3.580	6.123	1.670	11.2	10.6	10.0	-5.0			.070	J100F8-4070-5	CR1000-039
345798	374	4.080	3.580	6.123	1.670	11.3	10.7	10.1	-5.0	524	M	.080	J100F8-4080-5	CR1000-039
340 STROKER INVERTED DOME Std Bore: 4.040 Ring package designed for: 1/16, 1/16, 3/16 Rings														
220157	410	4.040	4.000	6.123	1.460	10.8	10.3	9.8	-16.9	462		STD	S100S8-4040-5	CR1000-039
335151	414	4.060	4.000	6.123	1.460	10.9	10.3	9.8	-16.9	470		.020	S100S8-4060-5	CR1000-039
335152	416	4.070	4.000	6.123	1.460	10.9	10.4	9.9	-16.9	474		.030	J100F8-4070-5	CR1000-039
335153	418	4.080	4.000	6.123	1.460	11.0	10.4	9.9	-16.9	478		.040	J100F8-4080-5	CR1000-039
360 STROKER INVERTED DOME Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings														
345789	406	4.020	4.000	6.123	1.460	10.6	10.1	9.6	-16.9		M	STD	S100S8-4020-5	CR1000-039
220156	408	4.030	4.000	6.123	1.460	10.7	10.2	9.7	-16.9	457		.030	S100S8-4030-5	CR1000-039
220157	410	4.040	4.000	6.123	1.460	10.8	10.3	9.8	-16.9	462		.040	S100S8-4040-5	CR1000-039
335151	414	4.060	4.000	6.123	1.460	10.9	10.3	9.8	-16.9	470		.060	S100S8-4060-5	CR1000-039
335152	416	4.070	4.000	6.123	1.460	10.9	10.4	9.9	-16.9	474		.070	J100F8-4070-5	CR1000-039
335153	418	4.080	4.000	6.123	1.460	11.0	10.4	9.9	-16.9	478		.080	J100F8-4080-5	CR1000-039

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

383 WEDGE STROKER

383 Flat Top Std Bore: 4.250 Ring package designed for: 1/16, 1/16, 3/16 Rings														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio 60cc	65cc	70cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
366388	432	4.280	3.750	6.768	1.320	11.0	10.2	8.3	-6.000		E	.030	S100S8-4280-5	
366389	438	4.310	3.750	6.768	1.320	11.2	10.3	9.9	-6.000		E	.060	S100S8-4310-5	

400 / 440 WEDGE

400 Flat Top Std Bore: 4.345 Ring package designed for: 1/16, 1/16, 3/16 Rings														
213453	462	4.375	3.750	6.768	1.320	11.4	10.5	10.1	-6.0	558	E	.030	S100S8-4375-5	CR1003-039
440 Flat Top Std Bore: 4.320 Ring package designed for: 1/16, 1/16, 3/16 Rings														
213455	445	4.350	3.750	6.768	2.062	11.4	10.5	10.1	-6.0	702	H	.030	S100S8-4350-5	CR1002-039
213456	447	4.360	3.750	6.768	2.062	11.4	10.5	10.1	-6.0	705	H	.040	S100S8-4360-5	CR1003-039
213457	450	4.375	3.750	6.768	2.062	11.4	10.5	10.1	-6.0	714	H	.055	S100S8-4375-5	CR1003-039
213458	450	4.375	3.750	6.768	2.062	11.4	10.5	10.1	-6.0	719	E	.055	S100S8-4375-5	CR1003-039
231521	493	4.350	4.150	6.768	1.865	12.4	11.4	11.0	-6.0	668	E	.030	S100S8-4350-5	CR1002-039
345799	496	4.360	4.150	6.768	1.865	12.4	11.4	11.0	-6.0		E, M	.040	S100S8-4360-5	CR1003-039
213459	499	4.375	4.150	6.768	1.865	12.5	11.5	11.1	-6.0	683	E	.055	S100S8-4375-5	CR1003-039
366393	505	4.350	4.250	6.768	1.815	12.7	11.7	11.3	-6.0		E	.030	S100S8-4350-5	CR1002-039
366394	508	4.360	4.250	6.768	1.815	12.8	11.8	11.4	-6.0		E	.040	S100S8-4360-5	CR1003-039
366395	511	4.375	4.250	6.768	1.815	12.8	11.8	11.4	-6.0		E	.055	S100S8-4375-5	CR1003-039
366396	505	4.350	4.250	7.100	1.485	12.7	11.7	11.3	-6.0		E	.030	S100S8-4350-5	CR1002-039
366397	508	4.360	4.250	7.100	1.485	12.8	11.8	11.4	-6.0		E	.040	S100S8-4360-5	CR1003-039
366398	511	4.375	4.250	7.100	1.485	12.8	11.8	11.4	-6.0		E	.055	S100S8-4375-5	CR1003-039

440 INVERTED DOME Std Bore: 4.320 Ring package designed for: 1/16, 1/16, 3/16 Rings														
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio 72cc	80cc	84cc	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
345806	445	4.350	3.750	6.768	2.062	9.2	8.7	8.4	-24.0		H, M	.030	S100S8-4350-5	CR1002-039
345807	447	4.360	3.750	6.768	2.062	9.2	8.7	8.4	-24.0	715	H, M	.040	S100S8-4360-5	CR1003-039
345808	450	4.375	3.750	6.768	2.062	9.2	8.7	8.4	-24.0	727	H, M	.055	S100S8-4375-5	CR1003-039
345809	493	4.350	4.150	6.768	1.865	10.2	9.5	9.3	-24.0	691	E, M	.030	S100S8-4350-5	CR1002-039
345810	496	4.360	4.150	6.768	1.865	10.2	9.5	9.3	-24.0	700	E, M	.040	S100S8-4360-5	CR1003-039
345811	499	4.375	4.150	6.768	1.865	10.2	9.5	9.3	-24.0	709	E, M	.055	S100S8-4375-5	CR1003-039
366399	505	4.350	4.250	6.768	1.815	10.7	10.0	9.7	-24.0	682	E	.030	S100S8-4350-5	CR1002-039
366400	508	4.360	4.250	6.768	1.815	10.8	10.1	9.8	-24.0	685	E	.040	S100S8-4360-5	CR1003-039
366401	511	4.375	4.250	6.768	1.815	10.8	10.1	9.8	-24.0	692	E	.055	S100S8-4375-5	CR1003-039
366402	505	4.350	4.250	7.100	1.485	10.7	10.0	9.7	-24.0	602	E	.030	S100S8-4350-5	CR1002-039
366403	508	4.360	4.250	7.100	1.485	10.8	10.1	9.8	-24.0	605	E	.040	S100S8-4360-5	CR1003-039

FORD FLAT HEAD V8

FLAT HEAD V8 SERIES Std Bore: 3.780 Ring package designed for:

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
371827	239	3.187	3.750	7.000	1.561		Flat Head		.187 Tall	311			.125	J641F8-3189	
371828	249	3.248	3.750	7.000	1.561		Flat Head		.187 Tall				.185	J641F8-3248	
371829	258	3.312	3.750	7.000	1.561		Flat Head		.187 Tall				.250	J641F8-3317	
371830	263	3.342	3.750	7.000	1.561		Flat Head		.187 Tall				.280	J641F8-3346	
371831	255	3.187	4.000	7.000	1.436		Flat Head		.187 Tall	297			.125	J641F8-3189	
371832	265	3.248	4.000	7.000	1.436		Flat Head		.187 Tall				.185	J641F8-3248	
371833	276	3.312	4.000	7.000	1.436		Flat Head		.187 Tall				.250	J641F8-3317	
371834	281	3.342	4.000	7.000	1.436		Flat Head		.187 Tall				.280	J641F8-3346	
371835	263	3.187	4.125	7.000	1.374		Flat Head		.187 Tall	291			.125	J641F8-3189	
371836	273	3.248	4.125	7.000	1.374		Flat Head		.187 Tall				.185	J641F8-3248	
371837	284	3.312	4.125	7.000	1.374		Flat Head		.187 Tall				.250	J641F8-3317	
371838	289	3.342	4.125	7.000	1.374		Flat Head		.187 Tall				.280	J641F8-3346	
371839	271	3.187	4.125	7.000	1.374		Flat Head		.187 Tall	281			.125	J641F8-3189	
371840	282	3.248	4.250	7.000	1.311		Flat Head		.187 Tall				.185	J641F8-3248	
371841	293	3.312	4.250	7.000	1.311		Flat Head		.187 Tall				.250	J641F8-3317	
371842	298	3.342	4.250	7.000	1.311		Flat Head		.187 Tall				.280	J641F8-3346	

2300 PINTO

2300 PINTO Std Bore: 3.780 Ring package designed for: 1.5, 1.5, 4mm Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
						54cc	58cc	62cc							
148221	142	3.810	3.126	5.205	1.590	9.5	9.0		-1.0	412	N/A	D	.030	J64004-3810	FD1004-039
148222	143	3.820	3.126	5.205	1.590	9.5	9.0		-1.0	415	N/A	D, L	.040	J640F4-3820	
148223	144	3.830	3.126	5.205	1.590	9.5	9.1		-1.0	420	N/A	D	.050	J616F4-3830	
148218	142	3.810	3.126	5.700	1.090	9.5	9.0		-1.0	337	N/A	B, C	.030	J64004-3810	FD1004-039
148219	143	3.820	3.126	5.700	1.090	9.5	9.0		-1.0	342	N/A	B, C	.040	J640F4-3820	
148220	144	3.830	3.126	5.700	1.090	9.5	9.1		-1.0	344	N/A	B, C, M	.050	J616F4-3830	

BOSS 302 DOME

BOSS 302 SERIES Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio			Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
						52cc	60cc	74cc							
338188	302	4.000	3.000	5.155	1.540	11.8	10.4	8.8	3.5	521	-0.005	D, M, S	STD	S100S8-4000-5	FD1001-039
338189	303	4.010	3.000	5.155	1.540	11.8	10.5	8.8	3.5	527	-0.010	D, M, S	.010	J100F8-4010-0	FD1001-039
289554	304	4.020	3.000	5.155	1.540	11.9	10.5	8.9	3.5	536	-0.005	D, S	.020	S100S8-4020-5	FD1001-039
289555	306	4.030	3.000	5.155	1.540	11.9	10.6	8.9	3.5	540	-0.005	D, S	.030	S100S8-4030-5	FD1001-039
325194	308	4.040	3.000	5.155	1.540	12.0	10.6	8.9	3.5	543	-0.005	D, S	.040	S100S8-4040-5	FD1001-039
338190	311	4.060	3.000	5.155	1.540	12.1	10.7	9.0	3.5		-0.005	D, M, S	.060	S100S8-4060-5	FD1001-039




SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

WINDSOR DOME

302 SERIES Std Bore: 4.000 .912 x 2.750 Pin for: 5.090 & 5.956 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 54cc	60cc	64cc	Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
						Compression Ratio									
338191	302	4.000	3.000	5.090	1.600	14.7	13.1	12.2	18.0	518	-0.010	M	STD	S100S8-4000-5	FD1001-039
338192	303	4.010	3.000	5.090	1.600	14.8	13.2	12.3	18.0		-0.010	M	.010	J100F8-4010-0	FD1001-039
338193	304	4.020	3.000	5.090	1.600	14.9	13.3	12.4	18.0	526	-0.010	M	.020	S100S8-4020-5	FD1001-039
150069	306	4.030	3.000	5.090	1.600	14.9	13.3	12.4	18.0	530	-0.010		.030	S100S8-4030-5	FD1001-039
150070	308	4.040	3.000	5.090	1.600	15.0	13.4	12.5	18.0	532	-0.010	M	.040	S100S8-4040-5	FD1001-039
338194	311	4.060	3.000	5.090	1.600	15.1	13.5	12.6	18.0		-0.010	M	.060	S100S8-4060-5	FD1001-039
351W SERIES Std Bore: 4.000 .912 x 2.750 Pin for: 5.090 & 5.956 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
150072	355	4.020	3.500	5.956	1.774	14.8	13.4	12.6	10.0	540	-0.020	M	.020	S100S8-4020-5	FD1001-039
150073	357	4.030	3.500	5.956	1.774	14.8	13.4	12.6	10.0	546	-0.020	M	.030	S100S8-4030-5	FD1001-039
150074	359	4.040	3.500	5.956	1.774	14.8	13.4	12.6	10.0	553	-0.020	M	.040	S100S8-4040-5	FD1001-039
150075	362	4.060	3.500	5.956	1.774	15.0	13.6	12.8	10.0	567	-0.020	M	.060	S100S8-4060-5	FD1001-039
302 STROKER COMBINATIONS Std Bore: 4.000 .927 x 2.750 Pin for: 5.400, 6.125, 6.200, & 6.250 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 58cc	64cc	70cc	Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
						Compression Ratio									
345672	327	4.000	3.250	5.400	1.165	12.1	11.2	10.3	9.0	439	-0.010	M	STD	S100S8-4000-5	FD1001-039
345673	331	4.030	3.250	5.400	1.165	12.2	11.3	10.4	9.0		-0.010	M	.030	S100S8-4030-5	FD1001-039
345674	333	4.040	3.250	5.400	1.165	12.2	11.3	10.4	9.0	455	-0.010	M	.040	S100S8-4040-5	FD1001-039
345675	337	4.060	3.250	5.400	1.165	12.2	11.3	10.4	9.0	465	-0.010	M	.060	S100S8-4060-5	FD1001-039
345664	342	4.000	3.400	5.400	1.100	13.1	12.0	11.0	9.0		0.000	M	STD	S100S8-4000-5	FD1001-039
345665	346	4.030	3.400	5.400	1.100	13.2	12.1	11.1	9.0	448	0.000	M	.030	S100S8-4030-5	FD1001-039
345666	348	4.040	3.400	5.400	1.100	13.3	12.2	11.2	9.0	451	0.000	M	.040	S100S8-4040-5	FD1001-039
345667	352	4.060	3.400	5.400	1.100	13.4	12.3	11.3	9.0	461	0.000	M	.060	S100S8-4060-5	FD1001-039
351W STROKER COMBINATIONS Std Bore: 4.000 (STOCK BLOCK) .927 x 2.750 Pin for: 5.400, 6.125, 6.200, & 6.250 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
345664	427	4.000	4.250	6.250	1.100	14.9	13.7	12.7	9.0		-0.025	M	STD	S100S8-4000-5	FD1001-039
345665	434	4.030	4.250	6.250	1.100	15.0	13.8	12.8	9.0	448	-0.025	M	.030	S100S8-4030-5	FD1001-039
345666	435	4.040	4.250	6.250	1.100	15.1	13.9	12.9	9.0	451	-0.025	M	.040	S100S8-4040-5	FD1001-039
345667	440	4.060	4.250	6.250	1.100	15.2	14.0	13.0	9.0	461	-0.025	M	.060	S100S8-4060-5	FD1001-039

TWISTED WEDGE WINDSOR DOME

TWISTED WEDGE 302 SERIES Std Bore: 4.000 .912 x 2.750 Pin for: 5.090 & 5.956 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 56cc	61cc	66cc	Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
						Compression Ratio									
371884	302	4.000	3.000	5.090	1.600	11.3	10.7	10.1	5.0		0.000	.912 Pin	STD	S100S8-4000-5	FD1001-039
371885	304	4.020	3.000	5.090	1.600	11.4	10.7	10.2	5.0		0.000	.912 Pin	.020	S100S8-4020-5	FD1001-039
371886	306	4.030	3.000	5.090	1.600	11.5	10.8	10.2	5.0		0.000	.912 Pin	.030	S100S8-4030-5	FD1001-039
371887	308	4.040	3.000	5.090	1.600	11.5	10.8	10.3	5.0		0.000	.912 Pin	.040	S100S8-4040-5	FD1001-039
371888	311	4.060	3.000	5.090	1.600	11.6	10.9	10.3	5.0		0.000	.912 Pin	.060	S100S8-4060-5	FD1001-039
TWISTED WEDGE 331/347 SERIES Std Bore: 4.000 (Stock Block) .927 x 2.750 Pin for: 5.400, 6.125, 6.200, & 6.250 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 56cc	61cc	66cc	Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
						Compression Ratio									
371889	327	4.000	3.250	5.400	1.165	13.0	12.0	11.2	9.0		0.000	M	STD	S100S8-4000-5	FD1001-039
371890	330	4.020	3.250	5.400	1.165	13.1	12.1	11.3	9.0		0.000	M	.020	S100S8-4020-5	FD1001-039
371891	332	4.030	3.250	5.400	1.165	13.1	12.1	11.3	9.0		0.000	M	.030	S100S8-4030-5	FD1001-039
371892	333	4.040	3.250	5.400	1.165	13.2	12.2	11.3	9.0		0.000	M	.040	S100S8-4040-5	FD1001-039
371893	337	4.060	3.250	5.400	1.165	13.3	12.3	11.4	9.0		0.000	M	.060	S100S8-4060-5	FD1001-039
371889	342	4.000	3.400	5.315	1.165	13.1	12.1	11.3	9.0		0.010	M	STD	S100S8-4000-5	FD1001-039

TWISTED WEDGE 331/347 SERIES Continued Std Bore: 4.000 (Stock Block) .927 x 2.750 Pin for: 5.400, 6.125, 6.200, & 6.250 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
						56cc	61cc	66cc							
						Compression Ratio									
371890	345	4.020	3.400	5.315	1.165	13.2	12.2	11.4	9.0		0.010	M	.020	S100S8-4020-5	FD1001-039
371891	347	4.030	3.400	5.315	1.165	13.2	12.2	11.4	9.0		0.010	M	.030	S100S8-4030-5	FD1001-039
371892	349	4.040	3.400	5.315	1.165	13.3	12.3	11.4	9.0		0.010	M	.040	S100S8-4040-5	FD1001-039
371893	352	4.060	3.400	5.315	1.165	13.4	12.4	11.5	9.0		0.010	M	.060	S100S8-4060-5	FD1001-039
371894	342	4.000	3.400	5.400	1.090	13.1	12.1	11.3	9.0		0.010	M	STD	S100S8-4000-5	FD1001-039
371895	345	4.020	3.400	5.400	1.090	13.2	12.2	11.4	9.0		0.010	M	.020	S100S8-4020-5	FD1001-039
371896	347	4.030	3.400	5.400	1.090	13.2	12.2	11.4	9.0		0.010	M	.030	S100S8-4030-5	FD1001-039
371897	349	4.040	3.400	5.400	1.090	13.3	12.3	11.4	9.0		0.010	M	.040	S100S8-4040-5	FD1001-039
371898	352	4.060	3.400	5.400	1.090	13.4	12.4	11.5	9.0		0.010	M	.060	S100S8-4060-5	FD1001-039
TWISTED WEDGE 351W STROKER SERIES Std Bore: 4.000 .912 x 2.750 Pin for: 5.090 & 5.956 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
371884	387	4.000	3.850	5.956	1.600	14.2	13.4	12.7	5.0		0.000	M	STD	S100S8-4000-5	FD1001-039
371885	391	4.020	3.850	5.956	1.600	14.3	13.5	12.7	5.0		0.000	M	.020	S100S8-4020-5	FD1001-039
371886	393	4.030	3.850	5.956	1.600	14.4	13.6	12.8	5.0		0.000	M	.030	S100S8-4030-5	FD1001-039
371887	395	4.040	3.850	5.956	1.600	14.5	13.6	12.9	5.0		0.000	M	.040	S100S8-4040-5	FD1001-039
371888	399	4.060	3.850	5.956	1.600	14.6	13.7	13.0	5.0		0.000	M	.060	S100S8-4060-5	FD1001-039

WINDSOR FLAT TOP

302 STOCK BLOCK Std Bore: 4.000 .912 x 2.750 Pin for: 5.090 & 5.956 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
						58cc	64cc	70cc							
						Compression Ratio									
151866	302	4.000	3.000	5.090	1.600	9.6	8.9	8.4	-5.0	497	-0.010	D	STD	S100S8-4000-5	FD1000-039
329699	302	4.005	3.000	5.090	1.600	9.6	9.0	8.4	-5.0	499	-0.010	D	.005	S100S8-4000-5	FD1001-039
329700	303	4.010	3.000	5.090	1.600	9.6	9.0	8.4	-5.0	501	-0.010	D, M	.010	J100F8-4010-0	FD1001-039
138733	304	4.020	3.000	5.090	1.600	9.7	9.0	8.4	-5.0	503	-0.010	D	.020	S100S8-4020-5	FD1001-039
138734	306	4.030	3.000	5.090	1.600	9.7	9.0	8.4	-5.0	509	-0.010	D	.030	S100S8-4030-5	FD1001-039
138735	307	4.040	3.000	5.090	1.600	9.8	9.1	8.5	-5.0	518	-0.010	D	.040	S100S8-4040-5	FD1001-039
138736	310	4.060	3.000	5.090	1.600	9.8	9.2	8.6	-5.0	524	-0.010	D, M	.060	S100S8-4060-5	FD1001-039
302 STROKER COMBINATIONS Std Bore: 4.000 .927 x 2.750 Pin for: 5.400, 6.125, 6.200, & 6.250 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
329734	302	4.000	3.000	5.400	1.300	9.6	8.9	8.4	-5.0	445	0.000	C, M	STD	S100S8-4000-5	FD1001-039
329735	302	4.005	3.000	5.400	1.300	9.6	8.9	8.4	-5.0	449	0.000	C	.005	S100S8-4000-5	FD1001-039
329736	303	4.010	3.000	5.400	1.300	9.6	8.9	8.4	-5.0	450	0.000	C, M	.010	J100F8-4010-0	FD1001-039
329737	305	4.020	3.000	5.400	1.300	9.7	9.0	8.4	-5.0	455	0.000	C, M	.020	S100S8-4020-5	FD1001-039
206059	306	4.030	3.000	5.400	1.300	9.7	9.0	8.4	-5.0	458	0.000	C	.030	S100S8-4030-5	FD1001-039
321413	308	4.040	3.000	5.400	1.300	9.7	9.0	8.4	-5.0	480	0.000	C, M	.040	S100S8-4040-5	FD1001-039
329738	311	4.060	3.000	5.400	1.300	9.8	9.1	8.6	-5.0	480	0.000	C, M	.060	S100S8-4060-5	FD1001-039
329701	312	4.000	3.100	5.400	1.230	9.9	9.2	8.6	-5.0	430	-0.020	C, M	STD	S100S8-4000-5	FD1000-039
329702	312	4.005	3.100	5.400	1.230	9.9	9.2	8.6	-5.0	432	-0.020	C	.005	S100S8-4000-5	FD1001-039
329703	313	4.010	3.100	5.400	1.230	9.9	9.2	8.6	-5.0	436	-0.020	C, M	.010	J100F8-4010-0	FD1001-039
329704	315	4.020	3.100	5.400	1.230	10.0	9.3	8.7	-5.0	438	-0.020	C, M	.020	S100S8-4020-5	FD1001-039
206057	316	4.030	3.100	5.400	1.230	10.0	9.3	8.7	-5.0	442	-0.020	C, L	.030	S100S8-4030-5	FD1001-039
206058	318	4.040	3.100	5.400	1.230	10.0	9.3	8.7	-5.0	449	-0.020	C, M	.040	S100S8-4040-5	FD1001-039
329705	321	4.060	3.100	5.400	1.230	10.1	9.4	8.8	-5.0	455	-0.010	C, M	.060	S100S8-4060-5	FD1001-039
329707	327	4.000	3.250	5.400	1.165	10.3	9.6	9.0	-5.0	415	-0.010	C, M	STD	S100S8-4000-5	FD1000-039
329708	328	4.005	3.250	5.400	1.165	10.3	9.6	9.0	-5.0	418	-0.010	C	.005	S100S8-4000-5	FD1001-039
329709	328	4.010	3.250	5.400	1.165	10.3	9.6	9.0	-5.0	420	-0.010	C, M	.010	J100F8-4010-0	FD1001-039
329710	330	4.020	3.250	5.400	1.165	10.4	9.7	9.1	-5.0	425	-0.010	C, M	.020	S100S8-4020-5	FD1001-039
206066	331	4.030	3.250	5.400	1.165	10.4	9.7	9.1	-5.0	431	-0.010	C	.030	S100S8-4030-5	FD1001-039
329711	333	4.040	3.250	5.400	1.165	10.5	9.8	9.1	-5.0	435	-0.010	C	.040	S100S8-4040-5	FD1001-039
329712	337	4.060	3.250	5.400	1.165	10.6	9.8	9.2	-5.0	440	-0.010	C, M	.060	S100S8-4060-5	FD1001-039
329713	342	4.000	3.400	5.400	1.100	10.8	10.0	9.4	-5.0	405	0.000	B, C	STD	S100S8-4000-5	FD1000-039
197560	342	4.005	3.400	5.400	1.100	10.8	10.0	9.4	-5.0	411	0.000	B, C	.005	S100S8-4000-5	FD1000-039
329714	344	4.010	3.400	5.400	1.100	10.8	10.0	9.4	-5.0	416	0.000	B, C	.010	J100F8-4010-0	FD1001-039
140688	345	4.020	3.400	5.400	1.100	10.8	10.1	9.4	-5.0	418	0.000	B, C	.020	S100S8-4020-5	FD1001-039

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

302 STROKER COMBINATIONS Continued Std Bore: 4.000 .927 x 2.750 Pin for: 5.400, 6.125, 6.200, & 6.250 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Dis-tance	Head Cubic Centimeters			Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
						58cc	64cc	70cc							
						Compression Ratio									
140689	346	4.030	3.400	5.400	1.100	10.8	10.1	9.4	-5.0	421	0.000	B, C	.030	S100S8-4030-5	FD1001-039
140690	348	4.040	3.400	5.400	1.100	10.9	10.2	9.5	-5.0	425	0.000	B, C	.040	S100S8-4040-5	FD1001-039
146077	352	4.060	3.400	5.400	1.100	11.0	10.2	9.5	-5.0	430	0.000	B, C	.060	S100S8-4060-5	FD1001-039
231589	363	4.125	3.400	5.400	1.100	11.4	10.6	9.9	-5.0	472	0.000	B, C	.125	S100S8-4125-5	FD1018-039
351W STOCK BLOCK Std Bore: 4.000 .912 x 2.750 Pin for: 5.090 & 5.956 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
338195	351	4.000	3.500	5.956	1.774	11.0	10.3	9.6	-5.0	518	-0.020	D, M	STD	S100S8-4000-5	FD1001-039
338196	354	4.010	3.500	5.956	1.774	11.1	10.3	9.6	-5.0		-0.020	D, M	.010	J100F8-4010-0	FD1001-039
338197	355	4.020	3.500	5.956	1.774	11.1	10.3	9.7	-5.0	530	-0.020	D, M	.200	S100S8-4020-5	FD1001-039
138730	357	4.030	3.500	5.956	1.774	11.2	10.4	9.7	-5.0	535	-0.020	D	.030	S100S8-4030-5	FD1001-039
138731	358	4.040	3.500	5.956	1.774	11.2	10.4	9.8	-5.0	543	-0.020	D	.040	S100S8-4040-5	FD1001-039
138732	362	4.060	3.500	5.956	1.774	11.3	10.5	9.8	-5.0	552	-0.020	D	.060	S100S8-4060-5	FD1001-039
351W STROKER COMBINATIONS Std Bore: 4.000 (Stock Block), 4.125 (Aftermarket/SVO Block) .912 x 2.750 Pin for: 5.090 & 5.956 Rod .927 x 2.750 Pin for: 5.400, 6.125, 6.200, & 6.250 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
140692	377	4.030	3.700	6.200	1.430	11.7	10.9	10.2	-5.0	485	-0.020	C	.030	S100S8-4030-5	FD1001-039
329729	377	4.000	3.750	6.250	1.350	11.0	10.3	9.7	-5.0	450	-0.020	C, M	STD	S100S8-4000-5	FD1001-039
329730	378	4.005	3.750	6.250	1.350	11.1	10.3	9.7	-5.0	455	-0.020	C	.005	S100S8-4000-5	FD1001-039
329731	379	4.010	3.750	6.250	1.350	11.1	10.3	9.7	-5.0	458	-0.020	C, M	.010	J100F8-4010-0	FD1001-039
329732	381	4.020	3.750	6.250	1.350	11.1	10.3	9.7	-5.0	463	-0.020	C, M	.020	S100S8-4020-5	FD1001-039
206060	383	4.030	3.750	6.250	1.350	11.1	10.4	9.8	-5.0	468	-0.025	C	.030	S100S8-4030-5	FD1001-039
321412	390	4.040	3.750	6.250	1.350	11.1	10.4	9.8	-5.0	473	-0.025	C, M	.040	S100S8-4040-5	FD1001-039
329733	388	4.060	3.750	6.250	1.350	11.2	10.5	9.9	-5.0	480	-0.025	C, M	.060	S100S8-4060-5	FD1001-039
329729	382	4.000	3.800	6.250	1.350	11.9	11.0	10.3	-5.0	450	-0.025	C, M	STD	S100S8-4000-5	FD1001-039
329730	383	4.005	3.800	6.250	1.350	11.9	11.0	10.3	-5.0	455	-0.025	C	.005	S100S8-4000-5	FD1001-039
329731	384	4.010	3.800	6.250	1.350	11.9	11.1	10.3	-5.0	458	-0.025	C, M	.010	J100F8-4010-0	FD1001-039
329732	386	4.020	3.800	6.250	1.350	11.9	11.1	10.4	-5.0	463	-0.025	C, M	.020	S100S8-4020-5	FD1001-039
206060	388	4.030	3.800	6.250	1.350	12.0	11.2	10.5	-5.0	468	-0.025	C	.030	S100S8-4030-5	FD1001-039
321412	390	4.040	3.800	6.250	1.350	12.0	11.2	10.5	-5.0	473	-0.025	C	.040	S100S8-4040-5	FD1001-039
329733	394	4.060	3.800	6.250	1.350	12.1	11.3	10.6	-5.0	480	-0.025	C, M	.060	S100S8-4060-5	FD1001-039
151866	387	4.000	3.850	5.956	1.600	12.0	11.2	10.5	-5.0	497	-0.019	D, M	STD	S100S8-4000-5	FD1001-039
329699	388	4.005	3.850	5.956	1.600	12.1	11.2	10.5	-5.0	499	-0.019	D	.005	S100S8-4000-5	FD1001-039
329700	389	4.010	3.850	5.956	1.600	12.1	11.2	10.5	-5.0	501	-0.019	D, M	.010	J100F8-4010-0	FD1001-039
138733	391	4.020	3.850	5.956	1.600	12.2	11.3	10.6	-5.0	503	-0.019	D, M	.020	S100S8-4020-5	FD1001-039
138734	392	4.030	3.850	5.956	1.600	12.2	11.3	10.6	-5.0	509	-0.019	D	.030	S100S8-4030-5	FD1001-039
138735	394	4.040	3.850	5.956	1.600	12.2	11.4	10.6	-5.0	518	-0.019	D	.040	S100S8-4040-5	FD1001-039
138736	398	4.060	3.850	5.956	1.600	12.3	11.5	10.7	-5.0	524	-0.019	D, M	.060	S100S8-4060-5	FD1001-039
329729	387	4.000	3.850	6.200	1.350	12.0	11.2	10.5	-5.0	450	-0.025	C, M	STD	S100S8-4000-5	FD1001-039
329730	388	4.005	3.850	6.200	1.350	12.1	11.2	10.5	-5.0	455	-0.025	C	.005	S100S8-4000-5	FD1001-039
329731	389	4.010	3.850	6.200	1.350	12.1	11.2	10.5	-5.0	458	-0.025	C	.010	J100F8-4010-0	FD1001-039
329732	391	4.020	3.850	6.200	1.350	12.2	11.3	10.6	-5.0	463	-0.025	C, M	.020	S100S8-4020-5	FD1001-039
206060	393	4.030	3.850	6.200	1.350	12.2	11.3	10.6	-5.0	468	-0.025	C	.030	S100S8-4030-5	FD1001-039
321412	394	4.040	3.850	6.200	1.350	12.2	11.4	10.6	-5.0	473	-0.025	C	.040	S100S8-4040-5	FD1001-039
329733	398	4.060	3.850	6.200	1.350	12.3	11.5	10.7	-5.0	480	-0.025	C, M	.060	S100S8-4060-5	FD1001-039
329729	390	4.000	3.875	6.200	1.350	12.1	11.3	10.5	-5.0	450	-0.013	C, M	STD	S100S8-4000-5	FD1001-039
329730	391	4.005	3.875	6.200	1.350	12.1	11.3	10.5	-5.0	455	-0.013	C	.005	S100S8-4000-5	FD1001-039
329731	392	4.010	3.875	6.200	1.350	12.2	11.3	10.6	-5.0	458	-0.013	C, M	.010	J100F8-4010-0	FD1001-039
329732	393	4.020	3.875	6.200	1.350	12.2	11.3	10.6	-5.0	463	-0.013	C, M	.020	S100S8-4020-5	FD1001-039
206060	395	4.030	3.875	6.200	1.350	12.3	11.4	10.6	-5.0	468	-0.013	C	.030	S100S8-4030-5	FD1001-039
321412	397	4.040	3.875	6.200	1.350	12.3	11.4	10.6	-5.0	473	-0.013	C, M	.040	S100S8-4040-5	FD1001-039
329733	401	4.060	3.875	6.200	1.350	12.4	11.5	10.8	-5.0	480	-0.013	C, M	.060	S100S8-4060-5	FD1001-039
329734	387	4.000	3.850	6.250	1.300	12.0	11.2	10.5	-5.0	445	-0.025	C, M	STD	S100S8-4000-5	FD1001-039
329735	388	4.005	3.850	6.250	1.300	12.1	11.2	10.5	-5.0	449	-0.025	C	.005	S100S8-4000-5	FD1001-039
329736	389	4.010	3.850	6.250	1.300	12.1	11.2	10.5	-5.0	450	-0.025	C, M	.010	J100F8-4010-0	FD1001-039
329737	391	4.020	3.850	6.250	1.300	12.2	11.3	10.6	-5.0	455	-0.025	C, M	.020	S100S8-4020-5	FD1001-039
206059	393	4.030	3.850	6.250	1.300	12.2	11.3	10.6	-5.0	458	-0.025	C	.030	S100S8-4030-5	FD1001-039
321413	395	4.040	3.850	6.250	1.300	12.2	11.3	10.6	-5.0	480	-0.025	C, M	.040	S100S8-4040-5	FD1001-039
329738	398	4.060	3.850	6.250	1.300	12.3	11.5	10.7	-5.0	480	-0.025	C, M	.060	S100S8-4060-5	FD1001-039

351W STROKER COMBINATIONS Continued **Std Bore: 4.000 (Stock Block), 4.125 (Aftermarket/SVO Block)** **.912 x 2.750 Pin for: 5.090 & 5.956 Rod**
.927 x 2.750 Pin for: 5.400, 6.125, 6.200, & 6.250 Rod **Ring package designed for: 1/16, 1/16, 3/16 Rings**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Dis-tance	Head Cubic Centimeters			Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
						58cc	64cc	70cc							
						Compression Ratio									
329734	390	4.000	3.875	6.250	1.300	12.1	11.3	10.5	-5.0	445	-0.013	C, M	STD	S100S8-4000-5	FD1001-039
329735	391	4.005	3.875	6.250	1.300	12.1	11.3	10.5	-5.0	449	-0.013	C	.005	S100S8-4000-5	FD1001-039
329736	392	4.010	3.875	6.250	1.300	12.2	11.3	10.6	-5.0	450	-0.013	C, M	.010	J100F8-4010-0	FD1001-039
329737	393	4.020	3.875	6.250	1.300	12.2	11.3	10.6	-5.0	455	-0.013	C, M	.020	S100S8-4020-5	FD1001-039
206059	395	4.030	3.875	6.250	1.300	12.3	11.4	10.6	-5.0	458	-0.013	C	.030	S100S8-4030-5	FD1001-039
321413	397	4.040	3.875	6.250	1.300	12.3	11.4	10.6	-5.0	480	-0.013	C, M	.040	S100S8-4040-5	FD1001-039
329738	401	4.060	3.875	6.250	1.300	12.4	11.5	10.8	-5.0	480	-0.013	C, M	.060	S100S8-4060-5	FD1001-039
329729	402	4.000	4.000	6.125	1.350	12.5	11.6	10.8	-5.0	450	-0.025	C, M	STD	S100S8-4000-5	FD1001-039
329730	403	4.005	4.000	6.125	1.350	12.5	11.6	10.8	-5.0	455	-0.025	C	.005	S100S8-4000-5	FD1001-039
329731	404	4.010	4.000	6.125	1.350	12.5	11.6	10.9	-5.0	458	-0.025	C, M	.010	J100F8-4010-0	FD1001-039
329732	406	4.020	4.000	6.125	1.350	12.6	11.7	10.9	-5.0	463	-0.025	C, M	.020	S100S8-4020-5	FD1001-039
206060	408	4.030	4.000	6.125	1.350	12.6	11.7	11.0	-5.0	468	-0.025	C	.030	S100S8-4030-5	FD1001-039
321412	410	4.040	4.000	6.125	1.350	12.6	11.7	11.0	-5.0	473	-0.025	C, M	.040	S100S8-4040-5	FD1001-039
329733	414	4.060	4.000	6.125	1.350	12.8	11.9	11.1	-5.0	480	-0.025	C, M	.060	S100S8-4060-5	FD1001-039
329734	402	4.000	4.000	6.200	1.300	12.4	11.5	10.8	-5.0	445	0.000	C, M	STD	S100S8-4000-5	FD1001-039
329735	403	4.005	4.000	6.200	1.300	12.4	11.6	10.8	-5.0	449	0.000	C	.005	S100S8-4000-5	FD1001-039
329736	404	4.010	4.000	6.200	1.300	12.5	11.6	10.8	-5.0	450	0.000	C, M	.010	J100F8-4010-0	FD1001-039
329737	406	4.020	4.000	6.200	1.300	12.5	11.6	10.9	-5.0	455	0.000	C, M	.020	S100S8-4020-5	FD1001-039
206059	408	4.030	4.000	6.200	1.300	12.6	11.7	11.0	-5.0	458	0.000	C	.030	S100S8-4030-5	FD1001-039
321413	410	4.040	4.000	6.200	1.300	12.6	11.7	11.0	-5.0	480	0.000	C, M	.040	S100S8-4040-5	FD1001-039
329738	414	4.060	4.000	6.200	1.300	12.7	11.8	11.0	-5.0	480	0.000	C, M	.060	S100S8-4060-5	FD1001-039
329701	402	4.000	4.000	6.250	1.230	12.5	11.6	10.8	-5.0	430	-0.020	C, M	STD	S100S8-4000-5	FD1001-039
329702	403	4.005	4.000	6.250	1.230	12.5	11.6	10.8	-5.0	432	-0.020	C	.005	S100S8-4000-5	FD1001-039
329703	404	4.010	4.000	6.250	1.230	12.5	11.6	10.9	-5.0	436	-0.020	C, M	.010	J100F8-4010-0	FD1001-039
329704	406	4.020	4.000	6.250	1.230	12.6	11.7	10.9	-5.0	438	-0.020	C, M	.020	S100S8-4020-5	FD1001-039
206057	408	4.030	4.000	6.250	1.230	12.6	11.7	11.0	-5.0	442	-0.020	C	.030	S100S8-4030-5	FD1001-039
206058	408	4.040	4.000	6.250	1.230	12.6	11.7	11.0	-5.0	449	-0.020	C	.040	S100S8-4040-5	FD1001-039
329705	414	4.060	4.000	6.250	1.230	12.8	11.9	11.1	-5.0	455	-0.020	C	.060	S100S8-4060-5	FD1001-039
231591	427	4.125	4.000	6.250	1.230	13.2	12.2	11.4	-5.0	463	-0.020	C	.125	S100S8-4125-5	FD1018-039
329734	412	4.000	4.100	6.125	1.300	12.8	11.8	11.1	-5.0	445	-0.025	C, M	STD	S100S8-4000-5	FD1001-039
329735	413	4.005	4.100	6.125	1.300	12.8	11.9	11.1	-5.0	449	-0.025	C	.005	S100S8-4000-5	FD1001-039
329736	414	4.010	4.100	6.125	1.300	12.8	11.9	11.1	-5.0	450	-0.025	C	.010	J100F8-4010-0	FD1001-039
329737	416	4.020	4.100	6.125	1.300	12.9	11.9	11.2	-5.0	455	-0.025	C	.020	S100S8-4020-5	FD1001-039
206059	418	4.030	4.100	6.125	1.300	12.9	12.0	11.2	-5.0	458	-0.025	C	.030	S100S8-4030-5	FD1001-039
321413	420	4.040	4.100	6.125	1.300	12.9	12.0	11.2	-5.0	480	-0.025	C, M	.040	S100S8-4040-5	FD1001-039
329738	425	4.060	4.100	6.125	1.300	13.1	12.1	11.3	-5.0	480	-0.025	C, M	.060	S100S8-4060-5	FD1001-039
329701	412	4.000	4.100	6.200	1.230	12.8	11.8	11.1	-5.0	430	-0.020	C	STD	S100S8-4000-5	FD1001-039
329702	413	4.005	4.100	6.200	1.230	12.8	11.9	11.1	-5.0	432	-0.020	C	.005	S100S8-4000-5	FD1001-039
329703	414	4.010	4.100	6.200	1.230	12.8	11.9	11.1	-5.0	436	-0.020	C, M	.010	J100F8-4010-0	FD1001-039
329704	416	4.020	4.100	6.200	1.230	12.9	11.9	11.2	-5.0	438	-0.020	C	.020	S100S8-4020-5	FD1001-039
206057	418	4.030	4.100	6.200	1.230	12.9	12.0	11.2	-5.0	442	-0.020	C	.030	S100S8-4030-5	FD1001-039
206058	418	4.040	4.100	6.200	1.230	12.9	12.0	11.2	-5.0	449	-0.020	C	.040	S100S8-4040-5	FD1001-039
329705	425	4.060	4.100	6.200	1.230	13.1	12.1	11.3	-5.0	455	-0.020	C	.060	S100S8-4060-5	FD1001-039
329713	427	4.000	4.250	6.250	1.100	13.2	12.2	11.4	-5.0	405	0.000	B, C	STD	S100S8-4000-5	FD1001-039
197560	430	4.005	4.250	6.250	1.100	13.2	12.3	11.5	-5.0	411	0.000	B, C, M	.005	S100S8-4000-5	FD1001-039
329714	429	4.010	4.250	6.250	1.100	13.2	12.3	11.5	-5.0	416	0.000	B, C	.010	J100F8-4010-0	FD1001-039
140688	433	4.020	4.250	6.250	1.100	13.3	12.3	11.5	-5.0	418	0.000	B, C	.020	S100S8-4020-5	FD1001-039
140689	434	4.030	4.250	6.250	1.100	13.3	12.4	11.6	-5.0	421	0.000	B, C	.030	S100S8-4030-5	FD1001-039
140690	435	4.040	4.250	6.250	1.100	13.4	12.5	11.7	-5.0	425	0.000	B, C	.040	S100S8-4040-5	FD1001-039
146077	437	4.060	4.250	6.250	1.100	13.5	12.6	11.7	-5.0	430	0.000	B, C	.060	S100S8-4060-5	FD1001-039
231589	454	4.125	4.250	6.250	1.100	13.9	12.9	12.0	-5.0	472	0.000	B, C	.125	S100S8-4125-5	FD1018-039

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

TWISTED WEDGE WINDSOR FLAT TOP

TWISTED WEDGE 302 SERIES Std Bore: 4.000 .912 x 2.750 Pin for: 5.090 & 5.956 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio 56cc	61cc	66cc	Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
371850	302	4.000	3.000	5.090	1.600	9.6	9.0	8.5	-5.0		0.010	M	STD	S100S8-4000-5	FD1001-039
371851	304	4.020	3.000	5.090	1.600	9.7	9.1	8.6	-5.0		0.010	M	.020	S100S8-4020-5	FD1001-039
371852	306	4.030	3.000	5.090	1.600	9.7	9.1	8.6	-5.0		0.010	M	.030	S100S8-4030-5	FD1001-039
371853	308	4.040	3.000	5.090	1.600	9.7	9.2	8.7	-5.0		0.010	M	.040	S100S8-4040-5	FD1001-039
371854	311	4.060	3.000	5.090	1.600	9.8	9.2	8.7	-5.0		0.010	M	.060	S100S8-4060-5	FD1001-039
TWISTED WEDGE 331/347 SERIES Std Bore: 4.000 .927 x 2.750 Pin for: 5.400, 6.125, 6.200, & 6.250 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
371873	327	4.000	3.250	5.400	1.165	10.6	10.1	9.7	-5.0		0.000	M	STD	S100S8-4000-5	FD1001-039
371874	330	4.020	3.250	5.400	1.165	10.7	10.1	9.7	-5.0		0.000	M	.020	S100S8-4020-5	FD1001-039
371875	332	4.030	3.250	5.400	1.165	10.7	10.2	9.7	-5.0		0.000	M	.030	S100S8-4030-5	FD1001-039
371876	333	4.040	3.250	5.400	1.165	10.8	10.2	9.8	-5.0		0.000	M	.040	S100S8-4040-5	FD1001-039
371877	337	4.060	3.250	5.400	1.165	10.8	10.3	9.8	-5.0		0.000	M	.060	S100S8-4060-5	FD1001-039
371873	342	4.000	3.400	5.315	1.165	11.0	10.5	10.0	-5.0		0.010	M	STD	S100S8-4000-5	FD1001-039
371874	345	4.020	3.400	5.315	1.165	11.1	10.6	10.1	-5.0		0.010	M	.020	S100S8-4020-5	FD1001-039
371875	347	4.030	3.400	5.315	1.165	11.2	10.6	10.1	-5.0		0.010	M	.030	S100S8-4030-5	FD1001-039
371876	349	4.040	3.400	5.315	1.165	11.2	10.6	10.2	-5.0		0.010	M	.040	S100S8-4040-5	FD1001-039
371877	352	4.060	3.400	5.315	1.165	11.2	10.7	10.2	-5.0		0.010	M	.060	S100S8-4060-5	FD1001-039
371879	342	4.000	3.400	5.400	1.090	11.0	10.5	10.0	-5.0		0.010	M	STD	S100S8-4000-5	FD1001-039
371880	345	4.020	3.400	5.400	1.090	11.1	10.6	10.1	-5.0		0.010	M	.020	S100S8-4020-5	FD1001-039
371881	347	4.030	3.400	5.400	1.090	11.2	10.6	10.1	-5.0		0.010	M	.030	S100S8-4030-5	FD1001-039
371882	349	4.040	3.400	5.400	1.090	11.2	10.6	10.2	-5.0		0.010	M	.040	S100S8-4040-5	FD1001-039
371883	352	4.060	3.400	5.400	1.090	11.2	10.7	10.2	-5.0		0.010	M	.060	S100S8-4060-5	FD1001-039
TWISTED WEDGE 351W STROKER SERIES Std Bore: 4.000 .912 x 2.750 Pin for: 5.090 & 5.956 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
371850	387	4.000	3.850	5.956	1.600	12.3	11.7	11.2	-5.0		0.019	M	STD	S100S8-4000-5	FD1001-039
371851	391	4.020	3.850	5.956	1.600	12.4	11.8	11.2	-5.0		0.019	M	.020	S100S8-4020-5	FD1001-039
371852	393	4.030	3.850	5.956	1.600	12.5	11.9	11.3	-5.0		0.019	M	.030	S100S8-4030-5	FD1001-039
371853	395	4.040	3.850	5.956	1.600	12.5	11.9	11.4	-5.0		0.019	M	.040	S100S8-4040-5	FD1001-039
371854	399	4.060	3.850	5.956	1.600	12.6	12.0	11.4	-5.0		0.019	M	.060	S100S8-4060-5	FD1001-039
371879	427	4.000	4.250	6.250	1.090	13.5	12.9	12.2	-5.0		0.019	M	STD	S100S8-4000-5	FD1001-039
371880	433	4.020	4.250	6.250	1.090	13.6	12.9	12.3	-5.0		0.019	M	.020	S100S8-4020-5	FD1001-039
371881	434	4.030	4.250	6.250	1.090	13.7	13.0	12.4	-5.0		0.019	M	.030	S100S8-4030-5	FD1001-039
371882	435	4.040	4.250	6.250	1.090	13.8	13.1	12.4	-5.0		0.019	M	.040	S100S8-4040-5	FD1001-039
371883	437	4.060	4.250	6.250	1.090	13.9	13.2	12.5	-5.0		0.019	M	.060	S100S8-4060-5	FD1001-039

WINDSOR DISH

302 STOCK BLOCK Std Bore: 4.000 .912 x 2.750 Pin for: 5.090 & 5.956 Rod .927 x 2.750 Pin for: 5.400, 6.125, 6.200, & 6.250 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio 58cc	64cc	70cc	Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
329740	302	4.000	3.000	5.090	1.600	8.5	8.0	7.5	-14.5	474	-0.010	D, M	STD	S100S8-4000-5	FD1001-039
329741	302	4.005	3.000	5.090	1.600	8.5	8.0	7.5	-14.5	475	-0.010	D	.005	S100S8-4000-5	FD1001-039
329742	303	4.010	3.000	5.090	1.600	8.5	8.0	7.5	-14.5	480	-0.010	D, M	.010	J100F8-4010-5	FD1001-039
329743	305	4.020	3.000	5.090	1.600	8.5	8.0	7.5	-14.5	488	-0.010	D	.020	S100S8-4020-5	FD1001-039
138726	306	4.030	3.000	5.090	1.600	8.5	8.0	7.5	-14.5	499	-0.010	D	.030	S100S8-4030-5	FD1001-039
138727	307	4.040	3.000	5.090	1.600	8.5	8.0	7.5	-14.5	501	-0.010	D	.040	S100S8-4040-5	FD1001-039
329754	302	4.000	3.000	5.400	1.300	7.5	7.1	6.8	-28.0	430	0.000	C, M	STD	S100S8-4000-5	FD1001-039
329755	302	4.005	3.000	5.400	1.300	7.5	7.1	6.8	-28.0	435	0.000	C, M	.005	S100S8-4000-5	FD1001-039
329756	303	4.010	3.000	5.400	1.300	7.6	7.2	6.8	-28.0	440	0.000	C, M	.010	J100F8-4010-0	FD1001-039
329757	305	4.020	3.000	5.400	1.300	7.6	7.2	6.8	-28.0	444	0.000	C	.020	S100S8-4020-5	FD1001-039
206063	306	4.030	3.000	5.400	1.300	7.6	7.2	6.9	-28.0	450	0.000	C	.030	S100S8-4030-5	FD1001-039
321417	307	4.040	3.000	5.400	1.300	7.6	7.2	6.9	-28.0	457	0.000	C, M	.040	S100S8-4040-5	FD1001-039
329758	310	4.060	3.000	5.400	1.300	7.7	7.3	7.0	-28.0	465	0.000	C, M	.060	S100S8-4060-5	FD1001-039

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 58cc	64cc	70cc	Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
						Compression Ratio									
302 STOCK BLOCK Continued Std Bore: 4.000 .912 x 2.750 Pin for: 5.090 & 5.956 Rod .927 x 2.750 Pin for: 5.400, 6.125, 6.200, & 6.250 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
138728	310	4.060	3.000	5.090	1.600	8.6	8.1	7.6	-14.5	512	-0.010	D, M	.060	S100S8-4060-5	FD1001-039
206067	326	4.000	3.250	5.400	1.165	9.0	8.5	8.0	-15.0	408	-0.010	B, C	.STD	S100S8-4000-5	FD1000-039
378429	327	4.005	3.250	5.400	1.165	9.0	8.5	8.1	-15.0		-0.010	B, C	.005	S100S8-4000-5	FD1001-039
378430	328	4.010	3.250	5.400	1.165	9.0	8.5	8.0	-15.0		-0.010	B, C	.010	J100F8-4010-5	FD1001-039
378431	330	4.020	3.250	5.400	1.165	9.0	8.5	8.0	-15.0		-0.010	B, C	.020	S100S8-4020-5	FD1001-039
206068	331	4.030	3.250	5.400	1.165	9.0	8.5	8.0	-15.0	419	-0.010	B, C	.030	S100S8-4030-5	FD1001-039
378432	333	4.040	3.250	5.400	1.165	9.1	8.6	8.1	-15.0		-0.010	B, C	.040	S100S8-4040-5	FD1001-039
378433	337	4.060	3.250	5.400	1.165	9.2	8.7	8.2	-15.0		-0.010	B, C	.060	S100S8-4060-5	FD1001-039
231573	347	4.125	3.250	5.400	1.165	9.4	8.9	8.4	-15.0	428	-0.010	B, C, M	.125	S100S8-4125-5	FD1018-039
151867	341	4.000	3.400	5.400	1.100	9.8	9.2	8.7	-12.5	392	0.000	B, C, M	.STD	S100S8-4000-5	FD1000-039
329744	343	4.005	3.400	5.400	1.100	9.8	9.2	8.7	-12.5	395	0.000	B, C	.005	S100S8-4000-5	FD1001-039
329745	344	4.010	3.400	5.400	1.100	9.8	9.2	8.7	-12.5	400	0.000	B, C, M	.010	J100F8-4010-0	FD1001-039
329746	345	4.020	3.400	5.400	1.100	9.9	9.3	8.7	-12.5	404	0.000	B, C	.020	S100S8-4020-5	FD1001-039
151868	346	4.030	3.400	5.400	1.100	9.9	9.3	8.7	-12.5	408	0.000	B, C	.030	S100S8-4030-5	FD1001-039
321419	349	4.040	3.400	5.400	1.100	10.0	9.4	8.8	-12.5	411	0.000	B, C, M	.040	S100S8-4040-5	FD1001-039
329747	352	4.060	3.400	5.400	1.100	10.0	9.4	8.8	-12.5	414	0.000	B, C, M	.060	S100S8-4060-5	FD1001-039
231569	363	4.125	3.400	5.400	1.100	10.3	9.7	9.1	-12.5	416	0.000	B, C	.125	S100S8-4125-5	FD1018-039
351W STOCK BLOCK Std Bore: 4.000 .912 x 2.750 Pin for: 5.090 & 5.956 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
149606	357	4.030	3.500	5.956	1.784	9.8	9.2	8.7	-14.0	526	-0.010	D	.030	S100S8-4030-5	FD1001-039
149607	388	4.040	3.500	5.956	1.784	9.8	9.2	8.7	-14.0	531	-0.010	D	.040	S100S8-4040-5	FD1001-039
138722	357	4.030	3.500	5.956	1.774	8.7	8.2	7.8	-24.0	534	-0.020	D	.030	S100S8-4030-5	FD1001-039
351W STROKER COMBINATIONS Std Bore: 4.000 .912 x 2.750 Pin for: 5.090 & 5.956 Rod .927 x 2.750 Pin for: 5.400, 6.125, 6.200, & 6.250 Rod Ring package designed for: 1/16, 1/16, 3/16 Rings															
329748	377	4.000	3.750	6.250	1.350	8.4	8.0	7.6	-32.0	448	-0.025	C, M	STD	S100S8-4000-5	FD1001-039
329749	378	4.005	3.750	6.250	1.350	8.4	8.0	7.7	-32.0	450	-0.025	C	.005	S100S8-4000-5	FD1001-039
329750	379	4.010	3.750	6.250	1.350	8.4	8.0	7.7	-32.0	452	-0.025	C, M	.010	J100F8-4010-0	FD1001-039
329751	381	4.020	3.750	6.250	1.350	8.5	8.1	7.7	-32.0	458	-0.025	C	.020	S100S8-4020-5	FD1001-039
206064	383	4.030	3.750	6.250	1.350	8.5	8.1	7.7	-32.0	462	-0.025	C	.030	S100S8-4030-5	FD1001-039
321416	385	4.040	3.750	6.250	1.350	8.5	8.1	7.7	-32.0	469	-0.025	C, M	.040	S100S8-4040-5	FD1001-039
329752	388	4.060	3.750	6.250	1.350	8.6	8.2	7.8	-32.0	475	-0.025	C, M	.060	S100S8-4060-5	FD1001-039
329748	382	4.000	3.800	6.250	1.350	8.9	8.5	8.0	-32.0	448	0.000	C, M	STD	S100S8-4000-5	FD1001-039
329749	383	4.005	3.800	6.250	1.350	8.9	8.5	8.1	-32.0	450	0.000	C	.005	S100S8-4000-5	FD1001-039
329750	384	4.010	3.800	6.250	1.350	8.9	8.5	8.1	-32.0	452	0.000	C	.010	J100F8-4010-0	FD1001-039
329751	386	4.020	3.800	6.250	1.350	9.0	8.5	8.1	-32.0	458	0.000	C, M	.020	S100S8-4020-5	FD1001-039
206064	388	4.030	3.800	6.250	1.350	9.0	8.6	8.2	-32.0	462	0.000	C	.030	S100S8-4030-5	FD1001-039
321416	390	4.040	3.800	6.250	1.350	9.0	8.6	8.2	-32.0	469	0.000	C, M	.040	S100S8-4040-5	FD1001-039
329752	394	4.060	3.800	6.250	1.350	9.1	8.7	8.2	-32.0	475	0.000	C, M	.060	S100S8-4060-5	FD1001-039
329740	387	4.000	3.850	5.956	1.600	10.3	9.7	9.1	-14.5	474	-0.019	D, M	STD	S100S8-4000-5	FD1001-039
329741	388	4.005	3.850	5.956	1.600	10.3	9.7	9.1	-14.5	475	-0.019	D	.005	S100S8-4000-5	FD1001-039
329742	389	4.010	3.850	5.956	1.600	10.3	9.7	9.2	-14.5	480	-0.019	D, M	.010	J100F8-4010-0	FD1001-039
329743	391	4.020	3.850	5.956	1.600	10.4	9.8	9.2	-14.5	488	-0.019	D, M	.020	S100S8-4020-5	FD1001-039
138726	392	4.030	3.850	5.956	1.600	10.4	9.8	9.2	-14.5	499	-0.019	D	.030	S100S8-4030-5	FD1001-039
138727	394	4.040	3.850	5.956	1.600	10.5	9.9	9.3	-14.5	501	-0.019	D	.040	S100S8-4040-5	FD1001-039
138728	398	4.060	3.850	5.956	1.600	10.5	9.9	9.3	-14.5	512	-0.019	D, M	.060	S100S8-4060-5	FD1001-039
329748	387	4.000	3.850	6.200	1.350	8.6	8.2	7.8	-32.0	448	-0.025	C, M	STD	S100S8-4000-5	FD1001-039
329749	388	4.005	3.850	6.200	1.350	8.6	8.2	7.8	-32.0	450	-0.025	C	.005	S100S8-4000-5	FD1001-039
329750	389	4.010	3.850	6.200	1.350	8.6	8.2	7.9	-32.0	452	-0.025	C, M	.010	J100F8-4010-0	FD1001-039
329751	391	4.020	3.850	6.200	1.350	8.7	8.3	7.9	-32.0	458	-0.025	C, M	.020	S100S8-4020-5	FD1001-039
206064	393	4.030	3.850	6.200	1.350	8.7	8.3	7.9	-32.0	462	-0.025	C	.030	S100S8-4030-5	FD1001-039
321416	395	4.040	3.850	6.200	1.350	8.7	8.3	7.9	-32.0	469	-0.025	C, M	.040	S100S8-4040-5	FD1001-039
329752	399	4.060	3.850	6.200	1.350	8.8	8.4	8.0	-32.0	475	-0.025	C	.060	S100S8-4060-5	FD1001-039
329754	387	4.000	3.850	6.250	1.300	8.9	8.5	8.1	-28.0	430	-0.025	C, M	STD	S100S8-4000-5	FD1001-039
329755	388	4.005	3.850	6.250	1.300	8.9	8.5	8.1	-28.0	435	-0.025	C, M	.005	S100S8-4000-5	FD1001-039
329756	389	4.010	3.850	6.250	1.300	8.9	8.5	8.1	-28.0	440	-0.025	C, M	.010	J100F8-4010-0	FD1001-039
329757	391	4.020	3.850	6.250	1.300	9.0	8.6	8.1	-28.0	444	-0.025	C	.020	S100S8-4020-5	FD1001-039

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

351W STROKER COMBINATIONS Continued **Std Bore: 4.000** **.912 x 2.750 Pin for: 5.090 & 5.956 Rod**
.927 x 2.750 Pin for: 5.400, 6.125, 6.200, & 6.250 Rod **Ring package designed for: 1/16, 1/16, 3/16 Rings**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
						58cc	64cc	70cc							
						Compression Ratio									
206063	393	4.030	3.850	6.250	1.300	9.0	8.6	8.2	-28.0	450	-0.025	C	.030	S100S8-4030-5	FD1001-039
321417	395	4.040	3.850	6.250	1.300	9.0	8.6	8.2	-28.0	457	-0.025	C, M	.040	S100S8-4040-5	FD1001-039
329758	399	4.060	3.850	6.250	1.300	9.1	8.7	8.3	-28.0	465	-0.025	C, M	.060	S100S8-4060-5	FD1001-039
231597	411	4.125	3.850	6.250	1.300	9.4	9.0	8.5	-28.0	452	-0.025	C	.125	S100S8-4125-5	FD1018-039
329748	390	4.000	3.875	6.200	1.350	8.8	8.4	8.0	-32.0	448	-0.013	C, M	STD	S100S8-4000-5	FD1001-039
329749	391	4.005	3.875	6.200	1.350	8.9	8.4	8.0	-32.0	450	-0.013	C	.005	S100S8-4000-5	FD1001-039
329750	392	4.010	3.875	6.200	1.350	8.9	8.4	8.0	-32.0	452	-0.013	C, M	.010	J100F8-4010-0	FD1001-039
329751	393	4.020	3.875	6.200	1.350	8.9	8.5	8.1	-32.0	458	-0.013	C	.020	S100S8-4020-5	FD1001-039
206064	395	4.030	3.875	6.200	1.350	9.0	8.5	8.0	-32.0	462	-0.013	C	.030	S100S8-4030-5	FD1001-039
321416	397	4.040	3.875	6.200	1.350	9.0	8.5	8.0	-32.0	469	-0.013	C, M	.040	S100S8-4040-5	FD1001-039
329752	401	4.060	3.875	6.200	1.350	9.1	8.6	8.2	-32.0	475	-0.013	C	.060	S100S8-4060-5	FD1001-039
329754	390	4.000	3.875	6.250	1.300	9.2	8.7	8.3	-28.0	430	-0.013	C, M	STD	S100S8-4000-5	FD1001-039
329755	391	4.005	3.875	6.250	1.300	9.2	8.7	8.3	-28.0	435	-0.013	C	.005	S100S8-4000-5	FD1001-039
329756	392	4.010	3.875	6.250	1.300	9.2	8.7	8.3	-28.0	440	-0.013	C, M	.010	J100F8-4010-0	FD1001-039
329757	393	4.020	3.875	6.250	1.300	9.3	8.7	8.3	-28.0	444	-0.013	C	.020	S100S8-4020-5	FD1001-039
206063	395	4.030	3.875	6.250	1.300	9.3	8.8	8.3	-28.0	450	-0.013	C	.030	S100S8-4030-5	FD1001-039
321417	395	4.040	3.875	6.250	1.300	9.3	8.8	8.4	-28.0	457	-0.013	C	.040	S100S8-4040-5	FD1001-039
329758	401	4.060	3.875	6.250	1.300	9.4	8.9	8.5	-28.0	465	-0.013	C, M	.060	S100S8-4060-5	FD1001-039
329748	402	4.000	4.000	6.125	1.350	8.9	8.5	8.1	-32.0	448	-0.025	C, M	STD	S100S8-4000-5	FD1001-039
329749	403	4.005	4.000	6.125	1.350	8.9	8.5	8.1	-32.0	450	-0.025	C	.005	S100S8-4000-5	FD1001-039
329750	404	4.010	4.000	6.125	1.350	8.9	8.5	8.1	-32.0	452	-0.025	C, M	.010	J100F8-4010-0	FD1001-039
329751	406	4.020	4.000	6.125	1.350	9.0	8.5	8.1	-32.0	458	-0.025	C	.020	S100S8-4020-5	FD1001-039
206064	408	4.030	4.000	6.125	1.350	9.0	8.6	8.2	-32.0	462	-0.025	C	.030	S100S8-4030-5	FD1001-039
321416	410	4.040	4.000	6.125	1.350	9.0	8.6	8.2	-32.0	469	-0.025	C, M	.040	S100S8-4040-5	FD1001-039
329752	414	4.060	4.000	6.125	1.350	9.1	8.7	8.3	-32.0	475	-0.025	C, M	.060	S100S8-4060-5	FD1001-039
329754	402	4.000	4.000	6.200	1.300	9.7	9.2	8.7	-28.0	430	0.000	C, M	STD	S100S8-4000-5	FD1001-039
329755	403	4.005	4.000	6.200	1.300	9.7	9.2	8.7	-28.0	435	0.000	C	.005	S100S8-4000-5	FD1001-039
329756	404	4.010	4.000	6.200	1.300	9.7	9.2	8.7	-28.0	440	0.000	C, M	.010	J100F8-4010-0	FD1001-039
329757	406	4.020	4.000	6.200	1.300	9.7	9.2	8.8	-28.0	444	0.000	C	.020	S100S8-4020-5	FD1001-039
206063	408	4.030	4.000	6.200	1.300	9.8	9.3	8.8	-28.0	450	0.000	C	.030	S100S8-4030-5	FD1001-039
321417	410	4.040	4.000	6.200	1.300	9.8	9.3	8.8	-28.0	457	0.000	C, M	.040	S100S8-4040-5	FD1001-039
329758	414	4.060	4.000	6.200	1.300	9.9	9.4	8.9	-28.0	465	0.000	C	.060	S100S8-4060-5	FD1001-039
329759	402	4.000	4.000	6.250	1.230	10.1	9.6	9.1	-19.0	418	-0.020	C, M	STD	S100S8-4000-5	FD1001-039
329760	403	4.005	4.000	6.250	1.230	10.1	9.6	9.1	-19.0	422	-0.020	C, M	.005	S100S8-4000-5	FD1001-039
329761	404	4.010	4.000	6.250	1.230	10.2	9.6	9.1	-19.0	426	-0.020	C, M	.010	J100F8-4010-0	FD1001-039
329762	406	4.020	4.000	6.250	1.230	10.2	9.6	9.1	-19.0	430	-0.020	C	.020	S100S8-4020-5	FD1001-039
206061	408	4.030	4.000	6.250	1.230	10.3	9.7	9.2	-19.0	434	-0.020	C	.030	S100S8-4030-5	FD1001-039
206062	410	4.040	4.000	6.250	1.230	10.3	9.7	9.2	-19.0	439	-0.020	C	.040	S100S8-4040-5	FD1001-039
329763	414	4.060	4.000	6.250	1.230	10.4	9.8	9.3	-19.0	448	-0.020	C	.060	S100S8-4060-5	FD1001-039
231596	427	4.125	4.000	6.250	1.230	10.7	10.1	9.5	-19.0	436	-0.020	C	.125	S100S8-4125-5	FD1018-039
329754	412	4.000	4.100	6.125	1.300	9.4	8.9	8.5	-28.0	430	-0.025	C, M	STD	S100S8-4000-5	FD1001-039
329755	413	4.005	4.100	6.125	1.300	9.4	9.0	8.5	-28.0	435	-0.025	C	.005	S100S8-4000-5	FD1001-039
329756	414	4.010	4.100	6.125	1.300	9.5	9.0	8.6	-28.0	440	-0.025	C, M	.010	J100F8-4010-0	FD1001-039
329757	416	4.020	4.100	6.125	1.300	9.5	9.0	8.6	-28.0	444	-0.025	C	.020	S100S8-4020-5	FD1001-039
206063	418	4.030	4.100	6.125	1.300	9.6	9.1	8.6	-28.0	450	-0.025	C	.030	S100S8-4030-5	FD1001-039
321417	420	4.040	4.100	6.125	1.300	9.6	9.1	8.7	-28.0	457	-0.025	C	.040	S100S8-4040-5	FD1001-039
329758	425	4.060	4.100	6.125	1.300	9.6	9.2	8.7	-28.0	465	-0.025	C, M	.060	S100S8-4060-5	FD1001-039
329759	412	4.000	4.100	6.200	1.230	10.4	9.8	9.3	-19.0	418	-0.020	C, M	STD	S100S8-4000-5	FD1001-039
329760	413	4.005	4.100	6.200	1.230	10.4	9.8	9.3	-19.0	422	-0.020	C	.005	S100S8-4000-5	FD1001-039
329761	414	4.010	4.100	6.200	1.230	10.4	9.8	9.3	-19.0	426	-0.020	C, M	.010	J100F8-4010-0	FD1001-039
329762	416	4.020	4.100	6.200	1.230	10.4	9.9	9.3	-19.0	430	-0.020	C	.020	S100S8-4020-5	FD1001-039
206061	418	4.030	4.100	6.200	1.230	10.5	9.9	9.4	-19.0	434	-0.020	C	.030	S100S8-4030-5	FD1001-039
206062	418	4.040	4.100	6.200	1.230	10.5	9.4	9.4	-19.0	439	-0.020	C	.040	S100S8-4040-5	FD1001-039
329763	425	4.060	4.100	6.200	1.230	10.6	10.0	9.5	-19.0	448	-0.020	C	.060	S100S8-4060-5	FD1001-039
151867	427	4.000	4.250	6.250	1.100	11.4	10.7	10.0	-12.5	392	-0.025	B, C, M	.STD	S100S8-4000-5	FD1000-039

351W STROKER COMBINATIONS Continued **Std Bore: 4.000** **.912 x 2.750 Pin for: 5.090 & 5.956 Rod**
.927 x 2.750 Pin for: 5.400, 6.125, 6.200, & 6.250 Rod **Ring package designed for: 1/16, 1/16, 3/16 Rings**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Deck Clearance	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						58cc	64cc	70cc							
						Compression Ratio									
329744	428	4.005	4.250	6.250	1.100	11.3	10.6	10.0	-12.5	395	-0.025	B, C	.005	S100S8-4000-5	FD1001-039
329745	429	4.010	4.250	6.250	1.100	11.4	10.7	10.1	-12.5	400	-0.025	B, C, M	.010	J100F8-4010-0	FD1001-039
329746	432	4.020	4.250	6.250	1.100	11.4	10.7	10.1	-12.5	404	-0.025	B, C	.020	S100S8-4020-5	FD1001-039
151868	434	4.030	4.250	6.250	1.100	11.5	10.8	10.2	-12.5	408	-0.025	B, C	.030	S100S8-4030-5	FD1001-039
321419	436	4.040	4.250	6.250	1.100	11.6	10.9	10.3	-12.5	411	-0.025	B, C, M	.040	S100S8-4040-5	FD1001-039
329747	440	4.060	4.250	6.250	1.100	11.6	10.9	10.3	-12.5	414	-0.025	B, C	.060	S100S8-4060-5	FD1001-039
231569	454	4.125	4.250	6.250	1.100	11.9	11.2	10.6	-12.5	416	-0.025	B, C	.125	S100S8-4125-5	FD1018-039

TWISTED WEDGE WINDSOR DISH

TWISTED WEDGE 302 SERIES **Std Bore: 4.000** **.912 x 2.750 Pin for: 5.090 & 5.956 Rod** **Ring package designed for: 1/16, 1/16, 3/16 Rings**

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Deck Clearance	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						56cc	61cc	66cc							
						Compression Ratio									
371900	302	4.000	3.000	5.090	1.600	8.6	8.3	8.0	-16.0	503	0.010	M	STD	S100S8-4000-5	FD1001-039
371901	304	4.020	3.000	5.090	1.600	8.6	8.3	8.0	-16.0	506	0.010	M	.020	S100S8-4020-5	FD1001-039
371902	306	4.030	3.000	5.090	1.600	8.7	8.4	8.1	-16.0	509	0.010	M	.030	S100S8-4030-5	FD1001-039
371903	308	4.040	3.000	5.090	1.600	8.8	8.5	8.2	-16.0	511	0.010	M	.040	S100S8-4040-5	FD1001-039
371904	311	4.060	3.000	5.090	1.600	8.8	8.5	8.2	-16.0	515	0.010	M	.060	S100S8-4060-5	FD1001-039
TWISTED WEDGE 331/347 SERIES **Std Bore: 4.000 (Stock Block)** **.927 x 2.750 Pin for: 5.400, 6.125, 6.200, & 6.250 Rod** **Ring package designed for: 1/16, 1/16, 3/16 Rings**															
371905	327	4.000	3.250	5.400	1.165	9.7	9.3	8.9	-12.0	426	0.000	M	STD	S100S8-4000-5	FD1001-039
371906	330	4.020	3.250	5.400	1.165	9.8	9.3	9.0	-12.0		0.000	M	.020	S100S8-4020-5	FD1001-039
371907	332	4.030	3.250	5.400	1.165	9.8	9.4	9.0	-12.0		0.000	M	.030	S100S8-4030-5	FD1001-039
371908	333	4.040	3.250	5.400	1.165	9.9	9.5	9.1	-12.0		0.000	M	.040	S100S8-4040-5	FD1001-039
371909	337	4.060	3.250	5.400	1.165	9.9	9.5	9.1	-12.0		0.000	M	.060	S100S8-4060-5	FD1001-039
371905	342	4.000	3.400	5.315	1.165	10.1	9.7	9.3	-12.0	426	0.010	M	STD	S100S8-4000-5	FD1001-039
371906	345	4.020	3.400	5.315	1.165	10.2	9.7	9.3	-12.0		0.010	M	.020	S100S8-4020-5	FD1001-039
371907	347	4.030	3.400	5.315	1.165	10.2	9.8	9.4	-12.0		0.010	M	.030	S100S8-4030-5	FD1001-039
371908	349	4.040	3.400	5.315	1.165	10.3	9.8	9.4	-12.0		0.010	M	.040	S100S8-4040-5	FD1001-039
371909	352	4.060	3.400	5.315	1.165	10.4	9.9	9.5	-12.0		0.010	M	.060	S100S8-4060-5	FD1001-039
371910	342	4.000	3.400	5.400	1.090	10.1	9.7	9.3	-16.0	420	0.010	M	STD	S100S8-4000-5	FD1001-039
371912	345	4.020	3.400	5.400	1.090	10.2	9.7	9.3	-16.0		0.010	M	.020	S100S8-4020-5	FD1001-039
371913	347	4.030	3.400	5.400	1.090	10.2	9.8	9.4	-16.0		0.010	M	.030	S100S8-4030-5	FD1001-039
371914	349	4.040	3.400	5.400	1.090	10.3	9.8	9.4	-16.0		0.010	M	.040	S100S8-4040-5	FD1001-039
371915	352	4.060	3.400	5.400	1.090	10.4	9.9	9.5	-16.0		0.010	M	.060	S100S8-4060-5	FD1001-039
TWISTED WEDGE 351W STROKER SERIES **Std Bore: 4.000** **.912 x 2.750 Pin for: 5.090 & 5.956 Rod** **Ring package designed for: 1/16, 1/16, 3/16 Rings**															
371916	387	4.000	3.850	5.956	1.600	9.5	9.2	8.9	-28.0	502	0.000	M	STD	S100S8-4000-5	FD1001-039
371917	391	4.020	3.850	5.956	1.600	9.6	9.3	9.0	-28.0		0.000	M	.020	S100S8-4020-5	FD1001-039
371918	393	4.030	3.850	5.956	1.600	9.7	9.3	9.0	-28.0		0.000	M	.030	S100S8-4030-5	FD1001-039
371919	395	4.040	3.850	5.956	1.600	9.7	9.4	9.1	-28.0		0.000	M	.040	S100S8-4040-5	FD1001-039
371920	399	4.060	3.850	5.956	1.600	9.7	9.4	9.1	-28.0		0.000	M	.060	S100S8-4060-5	FD1001-039
371910	427	4.000	4.250	6.250	1.090	11.8	11.4	10.9	-16.0	420	0.000	M	STD	S100S8-4000-5	FD1001-039
371912	432	4.020	4.250	6.250	1.090	11.9	11.4	10.9	-16.0		0.000	M	.020	S100S8-4020-5	FD1001-039
371913	434	4.030	4.250	6.250	1.090	12.0	11.5	11.0	-16.0		0.000	M	.030	S100S8-4030-5	FD1001-039
371914	436	4.040	4.250	6.250	1.090	12.0	11.5	11.0	-16.0		0.000	M	.040	S100S8-4040-5	FD1001-039
371915	440	4.060	4.250	6.250	1.090	12.1	11.6	11.1	-16.0		0.000	M	.060	S100S8-4060-5	FD1001-039

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

BOSS 302 STROKER FLAT TOP

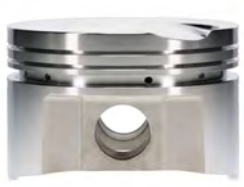
BOSS 302 CLEVELAND VALVE POCKETS Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 72cc	80cc	84cc	Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
						Compression Ratio									
345660	330	4.020	3.250	5.400	1.175	9.1	8.4	8.0	-3.0	448	0.000	B, C, M	.020	S100S8-4020-5	
345661	332	4.030	3.250	5.400	1.175	9.1	8.4	8.0	-3.0	453	0.000	B, C, M	.030	S100S8-4030-5	
345662	333	4.040	3.250	5.400	1.175	9.2	8.5	8.1	-3.0	457	0.000	B, C, M	.040	S100S8-4040-5	
345663	337	4.060	3.250	5.400	1.175	9.2	8.5	8.1	-3.0		0.000	B, C, M	.060	S100S8-4060-5	
345660	345	4.020	3.400	5.315	1.175	9.4	8.7	8.2	-3.0	448	0.000	B, C, M	.020	S100S8-4020-5	
345661	347	4.030	3.400	5.315	1.175	9.4	8.7	8.2	-3.0	453	0.000	B, C, M	.030	S100S8-4030-5	
345662	349	4.040	3.400	5.315	1.175	9.5	8.8	8.3	-3.0	457	0.000	B, C, M	.040	S100S8-4040-5	
345663	352	4.060	3.400	5.315	1.175	9.5	8.8	8.3	-3.0		0.000	B, C, M	.060	S100S8-4060-5	

351 CLEVELAND FLAT TOP

351 CLEVELAND Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings

338198	351	4.000	3.500	5.778	1.660	9.5	8.8	8.4	-3.0		-0.012	D, M	STD	S100S8-4000-5	
338199	354	4.010	3.500	5.778	1.660	9.6	8.9	8.5	-3.0	530	-0.012	D, M	.010	J100F8-4010-0	
338200	355	4.020	3.500	5.778	1.660	9.6	8.9	8.5	-3.0	535	-0.012	D, M	.020	S100S8-4020-5	
206044	357	4.030	3.500	5.778	1.660	9.7	9.0	8.6	-3.0	542	-0.012	D	.030	S100S8-4030-5	
231320	359	4.040	3.500	5.778	1.660	9.8	9.0	8.7	-3.0	547	-0.012	D	.040	S100S8-4040-5	
338201	362	4.060	3.500	5.778	1.660	9.9	9.1	8.8	-3.0	553	-0.012	D, M	.060	S100S8-4060-5	
345669	355	4.020	3.500	6.000	1.440	9.6	8.9	8.5	-3.0	499	-0.010	C	.020	S100S8-4020-5	
206045	357	4.030	3.500	6.000	1.440	9.7	9.0	8.6	-3.0	507	-0.010	C	.030	S100S8-4030-5	
345670	359	4.040	3.500	6.000	1.440	9.7	9.0	8.6	-3.0	510	-0.010	C	.040	S100S8-4040-5	
345671	362	4.060	3.500	6.000	1.440	9.8	9.1	8.7	-3.0		-0.010	C	.060	S100S8-4060-5	
345676	391	4.020	3.850	5.956	1.300	10.5	9.7	9.3	-3.0		-0.019	B, D, M	.020	S100S8-4020-5	
345677	393	4.030	3.850	5.956	1.300	10.6	9.8	9.4	-3.0	475	-0.019	B, D, M	.030	S100S8-4030-5	
345678	395	4.040	3.850	5.956	1.300	10.6	9.8	9.4	-3.0		-0.019	B, D, M	.040	S100S8-4040-5	
345679	399	4.060	3.850	5.956	1.300	10.7	9.9	9.5	-3.0		-0.019	B, D, M	.060	S100S8-4060-5	
338202	352	4.000	3.500	6.200	1.250	9.6	8.8	8.5	-3.0	454	-0.025	B, C, M	STD	S100S8-4000-5	
338203	354	4.010	3.500	6.200	1.250	9.6	8.9	8.5	-3.0	459	-0.025	B, C, M	.010	J100F8-4010-0	
338204	355	4.020	3.500	6.200	1.250	9.7	8.9	8.6	-3.0	463	-0.025	B, C, M	.020	S100S8-4020-5	
206069	357	4.030	3.500	6.200	1.250	9.7	9.0	8.6	-3.0	468	-0.025	B, C	.030	S100S8-4030-5	
231321	359	4.040	3.500	6.200	1.250	9.8	9.0	8.7	-3.0	472	-0.025	B, C	.040	S100S8-4040-5	
338205	362	4.060	3.500	6.200	1.250	9.8	9.0	8.7	-3.0	480	-0.025	B, C, M	.060	S100S8-4060-5	
338202	387	4.000	3.850	6.000	1.250	10.4	9.6	9.2	-3.0	454	-0.025	B, C, M	STD	S100S8-4000-5	
338203	389	4.010	3.850	6.000	1.250	10.5	9.7	9.3	-3.0	459	-0.025	B, C, M	.010	J100F8-4010-0	
338204	391	4.020	3.850	6.000	1.250	10.5	9.7	9.3	-3.0	463	-0.025	B, C, M	.020	S100S8-4020-5	
206069	393	4.030	3.850	6.000	1.250	10.6	9.8	9.4	-3.0	468	-0.025	B, C	.030	S100S8-4030-5	
231321	395	4.040	3.850	6.000	1.250	10.6	9.8	9.4	-3.0	472	-0.025	B, C	.040	S100S8-4040-5	
338205	399	4.060	3.850	6.000	1.250	10.7	9.9	9.5	-3.0	480	-0.025	B, C, M	.060	S100S8-4060-5	
345682	381	4.020	3.750	6.125	1.200	10.3	9.5	9.1	-3.0	453	0.000	B, C, M	.020	S100S8-4020-5	
345683	383	4.030	3.750	6.125	1.200	10.3	9.5	9.2	-3.0	456	0.000	B, C, M	.030	S100S8-4030-5	
345684	385	4.040	3.750	6.125	1.200	10.4	9.6	9.2	-3.0	461	0.000	B, C, M	.040	S100S8-4040-5	
345685	388	4.060	3.750	6.125	1.200	10.4	9.6	9.3	-3.0		0.000	B, C, M	.060	S100S8-4060-5	
345682	406	4.020	4.000	6.000	1.200	10.9	10.0	9.7	-3.0	453	0.000	B, C, M	.020	S100S8-4020-5	
345683	408	4.030	4.000	6.000	1.200	11.0	10.1	9.7	-3.0	456	0.000	B, C, M	.030	S100S8-4030-5	
345684	410	4.040	4.000	6.000	1.200	11.0	10.1	9.8	-3.0	461	0.000	B, C, M	.040	S100S8-4040-5	
345685	414	4.060	4.000	6.000	1.200	11.1	10.2	9.9	-3.0		0.000	B, C, M	.060	S100S8-4060-5	



351 CLEVELAND DISH

351 CLEVELAND Std Bore: 4.000 Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 72cc / Compression Ratio	80cc / Compression Ratio	84cc / Compression Ratio	Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
345686	391	4.020	3.850	5.956	1.300	9.3	8.6	8.4	-16.0	473	-0.019	B, D, M	.020	S100S8-4020-5	
345687	393	4.030	3.850	5.956	1.300	9.3	8.6	8.4	-16.0		-0.019	B, D, M	.030	S100S8-4030-5	
345688	395	4.040	3.850	5.956	1.300	9.4	8.7	8.5	-16.0	478	-0.019	B, D, M	.040	S100S8-4040-5	
345689	399	4.060	3.850	5.956	1.300	9.4	8.7	8.5	-16.0		-0.019	B, D, M	.060	S100S8-4060-5	
345767	355	4.020	3.500	6.200	1.250	8.5	8.0	7.7	-16.0	452	-0.025	B, C, M	.020	S100S8-4020-5	
345768	357	4.030	3.500	6.200	1.250	8.5	8.0	7.7	-16.0	456	-0.025	B, C, M	.030	S100S8-4030-5	
345769	359	4.040	3.500	6.200	1.250	8.6	8.1	7.8	-16.0	460	-0.025	B, C, M	.040	S100S8-4040-5	
345770	362	4.060	3.500	6.200	1.250	8.6	8.1	7.8	-16.0		-0.025	B, C, M	.060	S100S8-4060-5	
345767	391	4.020	3.850	6.000	1.250	9.3	8.6	8.4	-16.0	452	-0.025	B, C, M	.020	S100S8-4020-5	
345768	393	4.030	3.850	6.000	1.250	9.3	8.6	8.4	-16.0	456	-0.025	B, C, M	.030	S100S8-4030-5	
345769	395	4.040	3.850	6.000	1.250	9.4	8.7	8.5	-16.0	460	-0.025	B, C, M	.040	S100S8-4040-5	
345770	399	4.060	3.850	6.000	1.250	9.4	8.7	8.5	-16.0		-0.025	B, C, M	.060	S100S8-4060-5	
345771	381	4.020	3.750	6.125	1.200	9.0	8.4	8.2	-16.0	443	0.000	B, C, M	.020	S100S8-4020-5	
345772	383	4.030	3.750	6.125	1.200	9.0	8.4	8.2	-16.0	446	0.000	B, C, M	.030	S100S8-4030-5	
345774	385	4.040	3.750	6.125	1.200	9.1	8.5	8.3	-16.0	451	0.000	B, C, M	.040	S100S8-4040-5	
345773	388	4.060	3.750	6.125	1.200	9.1	8.5	8.3	-16.0	459	0.000	B, C, M	.060	S100S8-4060-5	
345771	406	4.020	4.000	6.000	1.200	9.6	9.0	8.6	-16.0	443	0.000	B, C, M	.020	S100S8-4020-5	
345772	408	4.030	4.000	6.000	1.200	9.6	9.0	8.6	-16.0	446	0.000	B, C, M	.030	S100S8-4030-5	
345774	410	4.040	4.000	6.000	1.200	9.7	9.1	8.7	-16.0	451	0.000	B, C, M	.040	S100S8-4040-5	
345773	414	4.060	4.000	6.000	1.200	9.7	9.1	8.7	-16.0	459	0.000	B, C, M	.060	S100S8-4060-5	

460 FLAT TOP & INVERTED DOME

460 FLAT TOP SERIES Std Bore: 4.360 Ring package designed for: 1/16, 1/16, 3/16 Rings															
150725	501	4.390	4.140	6.700	1.520	12.5	11.7	10.8	-3.0	602	-0.010	E	.030	S100S8-4390-5	FD1017-039
150726	512	4.440	4.140	6.700	1.520	12.6	11.9	10.9	-3.0	628	-0.010	E	.080	J100F8-4440-5	FD1017-039
150727	501	4.390	4.140	6.800	1.420	12.5	11.7	10.8	-3.0	579	-0.010	E	.030	S100S8-4390-5	FD1017-039
150728	512	4.440	4.140	6.800	1.420	12.6	11.9	10.9	-3.0	608	-0.010	E	.080	J100F8-4440-5	FD1017-039
150723	466	4.390	3.850	6.605	1.770	11.7	11.0	10.1	-3.0	650	0.000	F	.030	S100S8-4390-5	FD1017-039
150724	477	4.440	3.850	6.605	1.760	11.8	11.1	10.2	-3.0	682	-0.010	F	.080	J100F8-4440-5	FD1017-039
339384	521	4.390	4.300	6.800	1.350	13.6	12.4	11.9	-3.0	563	0.000	E	.030	S100S8-4390-5	FD1017-039
339385	533	4.440	4.300	6.800	1.350	13.7	12.6	12.2	-3.0	584	0.000	E	.080	J100F8-4440-5	FD1017-039
339384	545	4.390	4.500	6.700	1.350	14.0	12.9	12.7	-3.0	563	0.000	E	.030	S100S8-4390-5	FD1017-039
339385	557	4.440	4.500	6.700	1.350	14.3	13.2	12.9	-3.0	584	0.000	E	.080	J100F8-4440-5	FD1017-039
334495	545	4.390	4.500	6.800	1.250	14.0	12.9	12.4	-3.0	540	0.000	E	.030	S100S8-4390-5	FD1017-039
334496	557	4.440	4.500	6.800	1.250	14.3	13.2	12.7	-3.0	564	0.000	E	.080	J100F8-4440-5	FD1017-039
460 INVERTED DOME SERIES Std Bore: 4.360 Ring package designed for: 1/16, 1/16, 3/16 Rings															
154166	501	4.390	4.140	6.700	1.520	9.9	9.5	8.9	-28.0	624	-0.010	E	.030	S100S8-4390-5	FD1017-039
154167	512	4.440	4.140	6.700	1.520	10.1	9.6	9.0	-28.0	654	-0.010	E	.080	J100F8-4440-5	FD1017-039
339386	521	4.390	4.300	6.800	1.350	9.8	9.2	9.0	-38.0	596	0.000	E	.030	S100S8-4390-5	FD1017-039
339387	533	4.440	4.300	6.800	1.350	10.0	9.5	9.2	-38.0	622	0.000	E	.080	J100F8-4440-5	FD1017-039
339386	545	4.390	4.500	6.700	1.350	10.2	9.7	9.4	-38.0	596	0.000	E	.030	S100S8-4390-5	FD1017-039
339387	557	4.440	4.500	6.700	1.350	10.4	9.9	9.6	-38.0	622	0.000	E	.080	J100F8-4440-5	FD1017-039

460 FLAT TOP & INVERTED DOME Designed for M-6049 - SCJ HEADS

460 FLAT TOP SERIES - DESIGNED FOR M-6049 - SCJ HEADS Std Bore: 4.360 Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters / Compression Ratio	72cc / Compression Ratio		Dome Volume	Gram Weight	Deck Clearance	Footnote	Over-size	Ring Set Recommended	Pro Seal Head Gasket
345656	521	4.390	4.300	6.800	1.350		13.2		-5.0	558	0.000	E, M	.030	S100S8-4390-5	FD1017-039
345657	533	4.440	4.300	6.800	1.350		13.4		-5.0	607	0.000	E, M	.080	J100F8-4440-5	FD1017-039
345656	545	4.390	4.500	6.700	1.350		13.7		-5.0	558	0.000	E, M	.030	S100S8-4390-5	FD1017-039
345657	557	4.440	4.500	6.700	1.350		14.0		-5.0	607	0.000	E, M	.080	J100F8-4440-5	FD1017-039

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

460 INVERTED DOME SERIES - DESIGNED FOR M-6049 - SCJ HEADS Std Bore: 4.360 Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Deck Clearance	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
							72cc								
						Compression Ratio									
345658	521	4.390	4.300	6.800	1.350		10.2		-33.0	561	0.000	E, M	.030	S100S8-4390-5	FD1017-039
345659	533	4.440	4.300	6.800	1.350		10.2		-36.4	569	0.000	E, M	.080	J100F8-4440-5	FD1017-039
345658	545	4.390	4.500	6.700	1.350		10.7		-33.0	561	0.000	E, M	.030	S100S8-4390-5	FD1017-039
345659	557	4.440	4.500	6.700	1.350		10.7		-36.4	569	0.000	E, M	.080	J100F8-4440-5	FD1017-039

390/428 "FE" FLAT TOP

For the first time ever, our race-proven SRP design is available for the Big Block Ford "FE" series. Available for both stock stroke and stroker applications. Bore sizes for the 428 block are set at .025" over to allow the use of popular file-fit rings. These pistons offer thick .250" top ring lands for use with limited nitrous or boost while still offering substantial weight savings. Wrist pin diameter is .975" for part numbers designed for 6.490" OEM rods and .990" for part numbers designed for aftermarket 6.700" rods (see footnotes).

Includes:
Pin#: 975-2750-16-51S (Footnote P) or 990-2750-15-51S (Footnote E)
Double Spiro Locks (#990-042-CS)

390/428 FE FLAT TOP SERIES Std Bore: 4.050 (390), 4.130 (428) Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Deck Clearance	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						68cc	72cc	76cc							
						Compression Ratio									
261496	416	4.080	3.980	6.490	1.670	11.4	10.9	10.5	-5.0	534	-0.020	P	.030	J100F8-4080-5	
261499	432	4.155	3.980	6.490	1.670	11.7	11.2	10.8	-5.0	544	-0.020	P, M	.025	S100S8-4155-5	
261500	450	4.155	4.150	6.700	1.375	12.2	11.7	11.2	-5.0	492	-0.020	E	.025	S100S8-4155-5	
261501	461	4.155	4.250	6.700	1.325	12.4	11.9	11.4	-5.0		-0.020	E	.025	S100S8-4155-5	

390/428 "FE" Inverted Dome

For the first time ever, our race-proven SRP design is available for the Big Block Ford "FE" series. Available for both stock stroke and stroker applications. Bore sizes for the 428 block are set at .025" over to allow the use of popular file-fit rings. These pistons offer thick .250" top ring lands for use with limited nitrous or boost while still offering substantial weight savings. Wrist pin diameter is .975" for part numbers designed for 6.490" OEM rods and .990" for part numbers designed for aftermarket 6.700" rods (see footnotes).

Includes:
Pin#: 975-2750-16-51S (Footnote P) or 990-2750-15-51S (Footnote E)
Double Spiro Locks (#990-042-CS)

390/428 FE INVERTED DOME SERIES Std Bore: 4.050 (390), 4.130 (428) Ring package designed for: 1/16, 1/16, 3/16 Rings															
Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters			Dome Volume	Gram Weight	Deck Clearance	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
						68cc	72cc	76cc							
						Compression Ratio									
271151	416	4.080	3.980	6.490	1.670	9.8	9.4	9.1	-20.0	519	-0.020	P	.030	J100F8-4080-5	
271152	432	4.155	3.980	6.490	1.670	9.9	9.5	9.2	-22.0	518	-0.020	P, M	.025	S100S8-4155-5	
271155	445	4.080	4.250	6.700	1.325	9.8	9.5	9.2	-26.0	463	-0.020	E	.030	J100F8-4080-5	
271156	461	4.155	4.250	6.700	1.325	10.0	9.6	9.3	-26.0	470	-0.020	E, M	.025	S100S8-4155-5	

PONTIAC 400-455

Features:
4032 low expansion high silicon aluminum alloy heat treated to SRP specifications
Forced Pin Oiler for increased wrist pin lubrication
Pin fitting and double spiro locks included
980-2750-150 wall wrist pin (135g) included, except where noted (Footnote E part numbers include 990-2750-15-51S pins)
CNC Machined ring grooves accept 1/16, 1/16, 3/16 rings (Sold Separately)

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 72cc / Compression Ratio	Head Cubic Centimeters 80cc / Compression Ratio	Head Cubic Centimeters 84cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
400 FLAT TOP Std Bore: 4.120 Ring package designed for: 1/16, 1/16, 3/16 Rings														
153983	407	4.160	3.750	6.625	1.690	10.9	10.3	9.4	-5.0	526		.040	S100S8-4155-5	
151792	458	4.160	4.210	6.625	1.480	11.8	10.9	10.5	-5.0	504		.040	S100S8-4155-5	
196831	461	4.155	4.250	6.800	1.285	11.9	11.0	10.6	-5.0	456	B, E	.035	S100S8-4155-5	
196830	468	4.185	4.250	6.800	1.285	12.1	11.1	10.7	-5.0	474	B, E	.065	J100F8-4185-5	
428 FLAT TOP Std Bore: 4.120 Ring package designed for: 1/16, 1/16, 3/16 Rings														
156431	435	4.160	4.000	6.625	1.590	11.6	11.0	10.0	-5.0	515		.040	J100F8-4155-5	
146508	440	4.188	4.000	6.625	1.590	11.6	11.0	10.0	-5.0	531	M	.068	J100F8-4185-5	
455 FLAT TOP Std Bore: 4.151 Ring package designed for: 1/16, 1/16, 3/16 Rings														
151792	458	4.160	4.210	6.625	1.480	11.8	10.9	10.5	-5.0	504		.009	S100S8-4155-5	
149721	463	4.185	4.210	6.625	1.480	12.2	11.5	10.5	-5.0	513		.034	J100F8-4185-5	
196831	461	4.155	4.250	6.800	1.285	11.9	11.0	10.6	-5.0	456	B, E	.004	S100S8-4155-5	
196830	468	4.185	4.250	6.800	1.285	12.1	11.1	10.7	-5.0	474	B, E	.034	J100F8-4185-5	

OLDSMOBILE 455

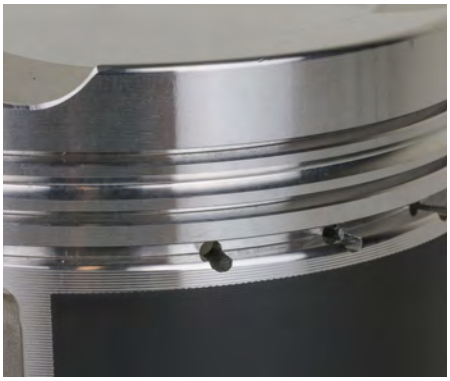
Features:
4032 low expansion high silicon aluminum alloy heat treated to SRP specifications
CNC Machined ring grooves accept 1/16, 1/16, 3/16 rings (Sold Separately)
Pin fitting and double spiro locks included
Forced Pin Oiler for increased wrist pin lubrication
980-2750-150 (135g) wall wrist pin included

Part #	Cubic Inches	Bore Size	Stroke	Rod Length	Comp. Distance	Head Cubic Centimeters 72cc / Compression Ratio	Head Cubic Centimeters 80cc / Compression Ratio	Head Cubic Centimeters 84cc / Compression Ratio	Dome Volume	Gram Weight	Footnote	Oversize	Ring Set Recommended	Pro Seal Head Gasket
455 FLAT TOP Std Bore: 4.125 Ring package designed for: 1/16, 1/16, 3/16 Rings														
206072	461	4.155	4.250	6.735	1.750	11.9	11.3	10.6	-5.0	568		.030	S100S8-4155-5	
331834	463	4.165	4.250	6.735	1.750	12.0	11.4	10.6	-5.0	569		.040	S100S8-4165-5	
208803	465	4.185	4.250	6.735	1.750	12.1	11.5	10.7	-5.0	583		.060	J100F8-4185-5	
331835	461	4.155	4.250	6.735	1.750	10.5	10.0	9.4	-18.4	581		.030	S100S8-4155-5	
331836	463	4.165	4.250	6.735	1.750	10.5	10.0	9.4	-18.8	587		.040	S100S8-4165-5	
331837	465	4.185	4.250	6.735	1.750	10.5	10.0	9.4	-19.8	596		.060	J100F8-4185-5	

SRP Domestic Footnotes: **A** - Fits 3.480 and 3.500 stroke; **B** - Oil Rail Support is Included; **C** - .927 Pin Diameter; **D** - .912 Pin Diameter; **E** - .990 wrist pin; **F** - Indicates 1.040 Pin Diameter; **H** - Indicates 1.094 Pin Diameter; **J** - Indicates 3mm Oil Ring; **K** - .945 Pin Diameter; **L** - Limited Quantities available; **M** - Made To Order; **P** - .975 Pin Diameter; **S** - Solid dome design; **W** - 428 Crank Shaft; **X** - Angle milled heads; **2618** - 2618 Aluminum Forging

SPORT COMPACT/EUROPEAN

- JE Pistons are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.
- Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
- Pin fitting, wire locks, and rings included.



HONDA B16A1/A2/A3

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .033	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
302497	81.00	STD	77.4	134.4	30	42.7	8.0:1	-7.6	281	T	F	JG1004-3189	HN1000-033
302502	81.50	0.50	77.4	134.4	30	42.7	8.0:1	-8.2	283	T	F	JG1004-3209	HN1001-033
338082	82.00	1.00	77.4	134.4	30	42.7	8.0:1	-9.5	290	T	F	JG1004-3228	HN1002-033
338083	82.50	1.50	77.4	134.4	30	42.7	8.0:1	-10.2	296	N, T	F	JG1004-3250	HN1002-033
338084	83.00	2.00	77.4	134.4	30	42.7	8.0:1	-10.8	297	N, T	F	JG1004-3268	HN1003-033
302410	84.00	3.00	77.4	134.4	30	42.7	8.0:1	-11.4	300	T	F	JG1004-3307	HN1004-033
302414	84.50	3.50	77.4	134.4	30	42.7	8.0:1	-12.0	305	T	F	JG1004-3327	HN1004-033
302418	85.00	4.00	77.4	134.4	30	42.7	8.0:1	-12.7	309	T	F	JG1004-3346	HN1004-033
367841	81.00	STD	77.4	134.4	30	42.7	9.0:1/FT	-1.4	309	Ultra	F	JG1004-3189	HN1000-033
367842	81.50	0.50	77.4	134.4	30	42.7	9.0:1/FT	-1.9	311	Ultra	F	JG1004-3209	HN1001-033
367843	84.00	3.00	77.4	134.4	30	42.7	9.0:1/FT	-4.5	320	Ultra	F	JG1004-3307	HN1004-033
367844	84.50	3.50	77.4	134.4	30	42.7	9.0:1/FT	-5.0	322	Ultra	F	JG1004-3327	HN1004-033
367845	85.00	4.00	77.4	134.4	30	42.7	9.0:1/FT	-5.6	324	Ultra	F	JG1004-3346	HN1004-033
302498	81.00	STD	77.4	134.4	30	42.7	9.0:1/FT	-1.4	290	T	F	JG1004-3189	HN1000-033
302503	81.50	0.50	77.4	134.4	30	42.7	9.0:1/FT	-1.9	296	T	F	JG1004-3209	HN1001-033
338087	82.00	1.00	77.4	134.4	30	42.7	9.0:1/FT	-2.2	305	T	F	JG1004-3228	HN1002-033
338085	82.50	1.50	77.4	134.4	30	42.7	9.0:1/FT	-2.7	304	N, T	F	JG1004-3250	HN1002-033
338086	83.00	2.00	77.4	134.4	30	42.7	9.0:1/FT	-3.3	310	N, T	F	JG1004-3268	HN1003-033
302411	84.00	3.00	77.4	134.4	30	42.7	9.0:1/FT	-4.5	316	N, T	F	JG1004-3307	HN1004-033
302415	84.50	3.50	77.4	134.4	30	42.7	9.0:1/FT	-5.0	318	N, T	F	JG1004-3327	HN1004-033
302419	85.00	4.00	77.4	134.4	30	42.7	9.0:1/FT	-5.6	324	N, T	F	JG1004-3346	HN1004-033
302499	81.00	STD	77.4	134.4	30	42.7	10.0:1	5.7	301	T	F	JG1004-3189	HN1000-033
302504	81.50	0.50	77.4	134.4	30	42.7	10.0:1	5.2	306	T	F	JG1004-3209	HN1001-033
338088	82.00	1.00	77.4	134.4	30	42.7	10.0:1	4.5	308	T	F	JG1004-3228	HN1002-033
338089	82.50	1.50	77.4	134.4	30	42.7	10.0:1	4.0	310	N, T	F	JG1004-3250	HN1002-033
338090	83.00	2.00	77.4	134.4	30	42.7	10.0:1	3.5	315	N, T	F	JG1004-3268	HN1003-033
302412	84.00	3.00	77.4	134.4	30	42.7	10.0:1	3.2	321	N, T	F	JG1004-3307	HN1004-033
302416	84.50	3.50	77.4	134.4	30	42.7	10.0:1	2.8	326	N, T	F	JG1004-3327	HN1004-033
302420	85.00	4.00	77.4	134.4	30	42.7	10.0:1	2.3	328	N, T	F	JG1004-3346	HN1004-033
302500	81.00	STD	77.4	134.4	30	42.7	11.0:1	9.4	308	V	F	JG1004-3189	HN1000-033
302505	81.50	0.50	77.4	134.4	30	42.7	11.0:1	9.0	311	V	F	JG1004-3209	HN1001-033
312417	82.00	1.00	77.4	134.4	30	42.7	11.0:1	9.0	335	V	F	JG1004-3228	HN1002-033
338091	82.50	1.50	77.4	134.4	30	42.7	11.0:1	8.6	323	N, V	F	JG1004-3250	HN1002-033
338092	83.00	2.00	77.4	134.4	30	42.7	11.0:1	8.2	326	N, V	F	JG1004-3268	HN1003-033
302413	84.00	3.00	77.4	134.4	30	42.7	11.0:1	7.4	332	N, V	F	JG1004-3307	HN1004-033
302417	84.50	3.50	77.4	134.4	30	42.7	11.0:1	6.9	334	N, V	F	JG1004-3327	HN1004-033
302421	85.00	4.00	77.4	134.4	30	42.7	11.0:1	6.6	338	N, V	F	JG1004-3346	HN1004-033
338093	86.00	5.00	77.4	134.4	30	42.7	12.0:1	9.0	339	N, V	F	JG1004-3386	

ACURA B18A/B WITH B16A HEAD

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

302497	81.00	STD	89.0	137	30	42.7	9.0:1	-7.6	281	T	F	JG1004-3189	HN1005-033
302502	81.50	0.50	89.0	137	30	42.7	9.0:1	-8.2	283	T	F	JG1004-3209	HN1006-033
338082	82.00	1.00	89.0	137	30	42.7	9.0:1	-9.5	290	T	F	JG1004-3228	HN1007-033
338083	82.50	1.50	89.0	137	30	42.7	9.0:1	-10.2	296	N, T	F	JG1004-3250	HN1007-033
338084	83.00	2.00	89.0	137	30	42.7	9.0:1	-10.8	297	N, T	F	JG1004-3268	HN1008-033
302410	84.00	3.00	89.0	137	30	42.7	9.0:1	-11.4	300	T	F	JG1004-3307	HN1009-033
302414	84.50	3.50	89.0	137	30	42.7	9.0:1	-12.0	305	T	F	JG1004-3327	HN1009-033
302418	85.00	4.00	89.0	137	30	42.7	9.0:1	-12.7	309	T	F	JG1004-3346	HN1009-033
367841	81.00	STD	89.0	137	30	42.7	10.0:1/FT	-1.4	309	Ultra	F	JG1004-3189	HN1000-033
367842	81.50	0.50	89.0	137	30	42.7	10.0:1/FT	-1.9	311	Ultra	F	JG1004-3209	HN1001-033

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

ACURA B18A/B WITH B16A HEAD CONTINUED

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .033	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
367843	84.00	3.00	89.0	137	30	42.7	10.0:1/FT	-4.5	320	Ultra	F	JG1004-3307	HN1004-033
367844	84.50	3.50	89.0	137	30	42.7	10.0:1/FT	-5.0	322	Ultra	F	JG1004-3327	HN1004-033
367845	85.00	4.00	89.0	137	30	42.7	10.0:1/FT	-5.6	324	Ultra	F	JG1004-3346	HN1004-033
302498	81.00	STD	89.0	137	30	42.7	10.0:1/FT	-1.4	290	T	F	JG1004-3189	HN1005-033
302503	81.50	0.50	89.0	137	30	42.7	10.0:1/FT	-1.9	296	T	F	JG1004-3209	HN1006-033
338087	82.00	1.00	89.0	137	30	42.7	10.0:1/FT	-2.2	305	T	F	JG1004-3228	HN1007-033
338085	82.50	1.50	89.0	137	30	42.7	10.0:1/FT	-2.7	304	N, T	F	JG1004-3250	HN1007-033
338086	83.00	2.00	89.0	137	30	42.7	10.0:1/FT	-3.3	310	N, T	F	JG1004-3268	HN1008-033
302411	84.00	3.00	89.0	137	30	42.7	10.0:1/FT	-4.5	316	N, T	F	JG1004-3307	HN1009-033
302415	84.50	3.50	89.0	137	30	42.7	10.0:1/FT	-5.0	318	N, T	F	JG1004-3327	HN1009-033
302419	85.00	4.00	89.0	137	30	42.7	10.0:1/FT	-5.6	324	N, T	F	JG1004-3346	HN1009-033
302499	81.00	STD	89.0	137	30	42.7	11.5:1	5.7	301	T	F	JG1004-3189	HN1005-033
302504	81.50	0.50	89.0	137	30	42.7	11.5:1	5.2	306	T	F	JG1004-3209	HN1006-033
338088	82.00	1.00	89.0	137	30	42.7	11.5:1	4.5	308	T	F	JG1004-3228	HN1007-033
338089	82.50	1.50	89.0	137	30	42.7	11.5:1	4.0	310	N, T	F	JG1004-3250	HN1007-033
338090	83.00	2.00	89.0	137	30	42.7	11.5:1	3.5	315	N, T	F	JG1004-3268	HN1008-033
302412	84.00	3.00	89.0	137	30	42.7	11.5:1	3.2	321	N, T	F	JG1004-3307	HN1009-033
302416	84.50	3.50	89.0	137	30	42.7	11.5:1	2.8	326	N, T	F	JG1004-3327	HN1009-033
302420	85.00	4.00	89.0	137	30	42.7	11.5:1	2.3	328	N, T	F	JG1004-3346	HN1009-033
302500	81.00	STD	89.0	137	30	42.7	12.5:1	9.4	308	V	F	JG1004-3189	HN1005-033
302505	81.50	0.50	89.0	137	30	42.7	12.5:1	9.0	311	V	F	JG1004-3209	HN1006-033
312417	82.00	1.00	89.0	137	30	42.7	12.5:1	9.0	335	V	F	JG1004-3228	HN1007-033
338091	82.50	1.50	89.0	137	30	42.7	12.5:1	8.6	323	N, V	F	JG1004-3250	HN1007-033
338092	83.00	2.00	89.0	137	30	42.7	12.5:1	8.2	326	N, V	F	JG1004-3268	HN1008-033
302413	84.00	3.00	89.0	137	30	42.7	12.5:1	7.4	332	N, V	F	JG1004-3307	HN1009-033
302417	84.50	3.50	89.0	137	30	42.7	12.5:1	6.9	334	N, V	F	JG1004-3327	HN1009-033
302421	85.00	4.00	89.0	137	30	42.7	12.5:1	6.6	338	N, V	F	JG1004-3346	HN1009-033
338093	86.00	5.00	89.0	137	30	42.7	13.8:1	9.0	339	N, V	F	JG1004-3386	

ACURA B18C1

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

302497	81.00	STD	87.2	138	30	41.5	9.0:1	-7.6	281	T	F	JG1004-3189	HN1000-033
302502	81.50	0.50	87.2	138	30	41.5	9.0:1	-8.2	283	T	F	JG1004-3209	HN1001-033
338082	82.00	1.00	87.2	138	30	41.5	9.0:1	-9.5	290	T	F	JG1004-3228	HN1002-033
338083	82.50	1.50	87.2	138	30	41.5	9.0:1	-10.2	296	N, T	F	JG1004-3250	HN1002-033
338084	83.00	2.00	87.2	138	30	41.5	9.0:1	-10.8	297	N, T	F	JG1004-3268	HN1003-033
302410	84.00	3.00	87.2	138	30	41.5	9.0:1	-11.4	300	T	F	JG1004-3307	HN1004-033
302414	84.50	3.50	87.2	138	30	41.5	9.0:1	-12.0	305	T	F	JG1004-3327	HN1004-033
302418	85.00	4.00	87.2	138	30	41.5	9.0:1	-12.7	309	T	F	JG1004-3346	HN1004-033
367841	81.00	STD	87.2	138	30	41.5	10.0:1/FT	-1.4	309	Ultra	F	JG1004-3189	HN1000-033
367842	81.50	0.50	87.2	138	30	41.5	10.0:1/FT	-1.9	311	Ultra	F	JG1004-3209	HN1001-033
367843	84.00	3.00	87.2	138	30	41.5	10.0:1/FT	-4.5	320	Ultra	F	JG1004-3307	HN1004-033
367844	84.50	3.50	87.2	138	30	41.5	10.0:1/FT	-5.0	322	Ultra	F	JG1004-3327	HN1004-033
367845	85.00	4.00	87.2	138	30	41.5	10.0:1/FT	-5.6	324	Ultra	F	JG1004-3346	HN1004-033
302498	81.00	STD	87.2	138	30	41.5	10.0:1/FT	-1.4	290	T	F	JG1004-3189	HN1000-033
302503	81.50	0.50	87.2	138	30	41.5	10.0:1/FT	-1.9	296	T	F	JG1004-3209	HN1001-033
338087	82.00	1.00	87.2	138	30	41.5	10.0:1/FT	-2.2	305	T	F	JG1004-3228	HN1002-033
338085	82.50	1.50	87.2	138	30	41.5	10.0:1/FT	-2.7	304	N, T	F	JG1004-3250	HN1002-033
338086	83.00	2.00	87.2	138	30	41.5	10.0:1/FT	-3.3	310	N, T	F	JG1004-3268	HN1003-033
302411	84.00	3.00	87.2	138	30	41.5	10.0:1/FT	-4.5	316	N, T	F	JG1004-3307	HN1004-033
302415	84.50	3.50	87.2	138	30	41.5	10.0:1/FT	-5.0	318	N, T	F	JG1004-3327	HN1004-033
302419	85.00	4.00	87.2	138	30	41.5	10.0:1/FT	-5.6	324	N, T	F	JG1004-3346	HN1004-033
302499	81.00	STD	87.2	138	30	41.5	11.5:1	5.7	301	T	F	JG1004-3189	HN1000-033
302504	81.50	0.50	87.2	138	30	41.5	11.5:1	5.2	306	T	F	JG1004-3209	HN1001-033
338088	82.00	1.00	87.2	138	30	41.5	11.5:1	4.5	308	T	F	JG1004-3228	HN1002-033

ACURA B18C1 CONTINUED

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .033	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
338089	82.50	1.50	87.2	138	30	41.5	11.5:1	4.0	310	N, T	F	JG1004-3250	HN1002-033
338090	83.00	2.00	87.2	138	30	41.5	11.5:1	3.5	315	N, T	F	JG1004-3268	HN1003-033
302412	84.00	3.00	87.2	138	30	41.5	11.5:1	3.2	321	N, T	F	JG1004-3307	HN1004-033
302416	84.50	3.50	87.2	138	30	41.5	11.5:1	2.8	326	N, T	F	JG1004-3327	HN1004-033
302420	85.00	4.00	87.2	138	30	41.5	11.5:1	2.3	328	N, T	F	JG1004-3346	HN1004-033
302500	81.00	STD	87.2	138	30	41.5	12.5:1	9.4	308	V	F	JG1004-3189	HN1000-033
302505	81.50	0.50	87.2	138	30	41.5	12.5:1	9.0	311	V	F	JG1004-3209	HN1001-033
312417	82.00	1.00	87.2	138	30	41.5	12.5:1	9.0	335	V	F	JG1004-3228	HN1002-033
338091	82.50	1.50	87.2	138	30	41.5	12.5:1	8.6	323	N, V	F	JG1004-3250	HN1002-033
338092	83.00	2.00	87.2	138	30	41.5	12.5:1	8.2	326	N, V	F	JG1004-3268	HN1003-033
302413	84.00	3.00	87.2	138	30	41.5	12.5:1	7.4	332	N, V	F	JG1004-3307	HN1004-033
302417	84.50	3.50	87.2	138	30	41.5	12.5:1	6.9	334	N, V	F	JG1004-3327	HN1004-033
302421	85.00	4.00	87.2	138	30	41.5	12.5:1	6.6	338	N, V	F	JG1004-3346	HN1004-033
338093	86.00	5.00	87.2	138	30	41.5	13.8:1	9.0	339	N, V	F	JG1004-3386	

ACURA B18C5

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

302497	81.00	STD	87.2	138	30	42.7	8.75:1	-7.6	281	T	F	JG1004-3189	HN1000-033
302502	81.50	0.50	87.2	138	30	42.7	8.75:1	-8.2	283	T	F	JG1004-3209	HN1001-033
338082	82.00	1.00	87.2	138	30	42.7	8.75:1	-9.5	290	T	F	JG1004-3228	HN1002-033
338083	82.50	1.50	87.2	138	30	42.7	8.75:1	-10.2	296	N, T	F	JG1004-3250	HN1002-033
338084	83.00	2.00	87.2	138	30	42.7	8.75:1	-10.8	297	N, T	F	JG1004-3268	HN1003-033
302410	84.00	3.00	87.2	138	30	42.7	8.75:1	-11.4	300	T	F	JG1004-3307	HN1004-033
302414	84.50	3.50	87.2	138	30	42.7	8.75:1	-12.0	305	T	F	JG1004-3327	HN1004-033
302418	85.00	4.00	87.2	138	30	42.7	8.75:1	-12.7	309	T	F	JG1004-3346	HN1004-033
367841	81.00	STD	87.2	138	30	42.7	9.75:1/FT	-1.4	309	Ultra	F	JG1004-3189	HN1000-033
367842	81.50	0.50	87.2	138	30	42.7	9.75:1/FT	-1.9	311	Ultra	F	JG1004-3209	HN1001-033
367843	84.00	3.00	87.2	138	30	42.7	9.75:1/FT	-4.5	320	Ultra	F	JG1004-3307	HN1004-033
367844	84.50	3.50	87.2	138	30	42.7	9.75:1/FT	-5.0	322	Ultra	F	JG1004-3327	HN1004-033
367845	85.00	4.00	87.2	138	30	42.7	9.75:1/FT	-5.6	324	Ultra	F	JG1004-3346	HN1004-033
302498	81.00	STD	87.2	138	30	42.7	9.75:1/FT	-1.4	290	T	F	JG1004-3189	HN1000-033
302503	81.50	0.50	87.2	138	30	42.7	9.75:1/FT	-1.9	296	T	F	JG1004-3209	HN1001-033
338087	82.00	1.00	87.2	138	30	42.7	9.75:1/FT	-2.2	305	T	F	JG1004-3228	HN1002-033
338085	82.50	1.50	87.2	138	30	42.7	9.75:1/FT	-2.7	304	N, T	F	JG1004-3250	HN1002-033
338086	83.00	2.00	87.2	138	30	42.7	9.75:1/FT	-3.3	310	N, T	F	JG1004-3268	HN1003-033
302411	84.00	3.00	87.2	138	30	42.7	9.75:1/FT	-4.5	316	N, T	F	JG1004-3307	HN1004-033
302415	84.50	3.50	87.2	138	30	42.7	9.75:1/FT	-5.0	318	N, T	F	JG1004-3327	HN1004-033
302419	85.00	4.00	87.2	138	30	42.7	9.75:1/FT	-5.6	324	N, T	F	JG1004-3346	HN1004-033
302499	81.00	STD	87.2	138	30	42.7	11.25:1	5.7	301	T	F	JG1004-3189	HN1000-033
302504	81.50	0.50	87.2	138	30	42.7	11.25:1	5.2	306	T	F	JG1004-3209	HN1001-033
338088	82.00	1.00	87.2	138	30	42.7	11.25:1	4.5	308	T	F	JG1004-3228	HN1002-033
338089	82.50	1.50	87.2	138	30	42.7	11.25:1	4.0	310	N, T	F	JG1004-3250	HN1002-033
338090	83.00	2.00	87.2	138	30	42.7	11.25:1	3.5	315	N, T	F	JG1004-3268	HN1003-033
302412	84.00	3.00	87.2	138	30	42.7	11.25:1	3.2	321	N, T	F	JG1004-3307	HN1004-033
302416	84.50	3.50	87.2	138	30	42.7	11.25:1	2.8	326	N, T	F	JG1004-3327	HN1004-033
302420	85.00	4.00	87.2	138	30	42.7	11.25:1	2.3	328	N, T	F	JG1004-3346	HN1004-033
302500	81.00	STD	87.2	138	30	42.7	12.25:1	9.4	308	V	F	JG1004-3189	HN1000-033
302505	81.50	0.50	87.2	138	30	42.7	12.25:1	9.0	311	V	F	JG1004-3209	HN1001-033
312417	82.00	1.00	87.2	138	30	42.7	12.25:1	9.0	335	V	F	JG1004-3228	HN1002-033
338091	82.50	1.50	87.2	138	30	42.7	12.25:1	8.6	323	N, V	F	JG1004-3250	HN1002-033
338092	83.00	2.00	87.2	138	30	42.7	12.25:1	8.2	326	N, V	F	JG1004-3268	HN1003-033
302413	84.00	3.00	87.2	138	30	42.7	12.25:1	7.4	332	N, V	F	JG1004-3307	HN1004-033
302417	84.50	3.50	87.2	138	30	42.7	12.25:1	6.9	334	N, V	F	JG1004-3327	HN1004-033
302421	85.00	4.00	87.2	138	30	42.7	12.25:1	6.6	338	N, V	F	JG1004-3346	HN1004-033
338093	86.00	5.00	87.2	138	30	42.7	13.5:1	9.0	339	N, V	F	JG1004-3386	

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

HONDA B20 WITH B16A HEAD

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .033	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
302410	84.00	STD	89.0	137	30	42.7	9.0:1	-11.4	300	T	F	JG1004-3307	HN1009-033
302414	84.50	0.50	89.0	137	30	42.7	9.0:1	-12.0	305	T	F	JG1004-3327	HN1009-033
302418	85.00	1.00	89.0	137	30	42.7	9.0:1	-12.7	309	T	F	JG1004-3346	HN1009-033
367843	84.00	3.00	89.0	137	30	42.7	10.0:1/FT	-4.5	320	Ultra	F	JG1004-3307	HN1004-033
367844	84.50	3.50	89.0	137	30	42.7	10.0:1/FT	-5.0	322	Ultra	F	JG1004-3327	HN1004-033
367845	85.00	4.00	89.0	137	30	42.7	10.0:1/FT	-5.6	324	Ultra	F	JG1004-3346	HN1004-033
302411	84.00	STD	89.0	137	30	42.7	10.0:1/FT	-4.5	316	T	F	JG1004-3307	HN1009-033
302415	84.50	0.50	89.0	137	30	42.7	10.0:1/FT	-5.0	318	T	F	JG1004-3327	HN1009-033
302419	85.00	1.00	89.0	137	30	42.7	10.0:1/FT	-5.6	324	T	F	JG1004-3346	HN1009-033
302412	84.00	STD	89.0	137	30	42.7	11.5:1	3.2	321	V	F	JG1004-3307	HN1009-033
302416	84.50	0.50	89.0	137	30	42.7	11.5:1	2.8	326	V	F	JG1004-3327	HN1009-033
302420	85.00	1.00	89.0	137	30	42.7	11.5:1	2.3	328	V	F	JG1004-3346	HN1009-033
302413	84.00	STD	89.0	137	30	42.7	12.5:1	7.4	332	V	F	JG1004-3307	HN1009-033
302417	84.50	0.50	89.0	137	30	42.7	12.5:1	6.9	334	V	F	JG1004-3327	HN1009-033
302421	85.00	1.00	89.0	137	30	42.7	12.5:1	6.6	338	V	F	JG1004-3346	HN1009-033
338093	86.00	2.00	89.0	137	30	42.7	13.8:1	9.0	339	N, V	F	JG1004-3386	

HONDA F20C - (MUST SLEEVE BLOCK)

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .030	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
296910	87.00	STD	84.0	153	30	50	8.5:1	-15.4	300	N, T	F	JG1004-3425	HN1023-033
296911	87.50	0.50	84.0	153	30	50	8.5:1	-16.1	305	N, T	F	JG1004-3445	HN1023-033
317754	88.00	1.00	84.0	153	30	50	8.5:1	-16.9	311	N, T	F	JG1004-3465	HN1023-033
317755	89.00	2.00	84.0	153	30	50	8.5:1	-18.4	314	N, T	F	JG1004-3504	
317756	90.00	3.00	84.0	153	30	50	8.5:1	-20	333	N, T	F	JG1004-3543	
296908	87.00	STD	84.0	153	30	50	9.0:1	-10.3	304	N, T	F	JG1004-3425	HN1023-033
296909	87.50	0.50	84.0	153	30	50	9.0:1	-11	306	N, T	F	JG1004-3445	HN1023-033
317750	88.00	1.00	84.0	153	30	50	9.0:1	-11.8	312	N, T	F	JG1004-3465	HN1023-033
317751	89.00	2.00	84.0	153	30	50	9.0:1	-13.2	318	N, T	F	JG1004-3504	
317752	90.00	3.00	84.0	153	30	50	9.0:1	-14.6	324	N, T	F	JG1004-3543	
252607	87.00	STD	84.0	153	30	50	11.5:1	5.5	320	V, T	R	JG1004-3425	HN1023-033
361361	87.00	STD	84.0	153	30	50	12.6:1	8.9		N	F	JG1004-3425	HN1023-033
361362	87.50	0.50	84.0	153	30	50	12.6:1	8.4		N	F	JG1004-3445	HN1023-033
361363	88.00	1.00	84.0	153	30	50	12.6:1	7.9		N	F	JG1004-3465	HN1023-033
361364	89.00	2.00	84.0	153	30	50	12.6:1	7.0		N	F	JG1004-3504	
361365	90.00	3.00	84.0	153	30	50	12.6:1	6.0		N	F	JG1004-3543	

HONDA F22C - (MUST SLEEVE BLOCK)

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .030	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
296910	87.00	STD	90.7	149.7	30	50	9.0:1	-15.4	300	N, T	F	JG1004-3425	HN1023-033
296911	87.50	0.50	90.7	149.7	30	50	9.0:1	-16.1	302	N, T	F	JG1004-3445	HN1023-033
317754	88.00	1.00	90.7	149.7	30	50	9.0:1	-16.9	311	N, T	F	JG1004-3465	HN1023-033
317755	89.00	2.00	90.7	149.7	30	50	9.0:1	-18.4	314	N, T	F	JG1004-3504	
317756	90.00	3.00	90.7	149.7	30	50	9.0:1	-20	333	N, T	F	JG1004-3543	
296908	87.00	STD	90.7	149.7	30	50	9.65:1	-10.3	304	N, T	F	JG1004-3425	HN1023-033
296909	87.50	0.50	90.7	149.7	30	50	9.65:1	-11	306	N, T	F	JG1004-3445	HN1023-033
317750	88.00	1.00	90.7	149.7	30	50	9.65:1	-11.8	312	N, T	F	JG1004-3465	HN1023-033
317751	89.00	2.00	90.7	149.7	30	50	9.65:1	-13.2	318	N, T	F	JG1004-3504	
317752	90.00	3.00	90.7	149.7	30	50	9.65:1	-14.6	324	N, T	F	JG1004-3543	
252607	87.00	STD	90.7	149.7	30	50	12.5:1	5.5	320	V, T	R	JG1004-3425	HN1023-033
361361	87.00	STD	90.7	149.7	30	50	13.5:1	8.9		N	F	JG1004-3425	HN1023-033
361362	87.50	0.50	90.7	149.7	30	50	13.5:1	8.4		N	F	JG1004-3445	HN1023-033
361363	88.00	1.00	90.7	149.7	30	50	13.5:1	7.9		N	F	JG1004-3465	HN1023-033
361364	89.00	2.00	90.7	149.7	30	50	13.5:1	7.0		N	F	JG1004-3504	
361365	90.00	3.00	90.7	149.7	30	50	13.5:1	6.0		N	F	JG1004-3543	

HONDA H22A - (MUST SLEEVE BLOCK)

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
298731	87.00	STD	90.7	143	31	53.8	9.0:1	-5.5	319	G, N, T	F	JG1004-3425	
298732	87.50	0.50	90.7	143	31	53.8	9.0:1	-6.2	321	G, N, T	F	JG1004-3445	
298733	88.00	1.00	90.7	143	31	53.8	9.0:1	-7.0	323	G, N, T	F	JG1004-3465	
166036	87.00	STD	90.7	143	31	53.8	10.0:1	0.7	322	G, N, V	R	JC0004-3425	
166035	87.00	STD	90.7	143	31	53.8	12.0:1	11.3	354	G, N, U	R	JC0004-3425	

HONDA H23A - (MUST SLEEVE BLOCK)

208472	87.50	0.50	95.0	141.5	30.58	50	9.0:1	-12	328	G, N, T	R	JC8004-3445	
208474	87.50	0.50	95.0	141.5	30.58	50	10.0:1	-5.8	316	G, N, V	R	JC8004-3445	

ACURA K20A/Z

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .030	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
242862	88.00	2.00	86.0	139	29.87	50.7	8.8:1	-7.6	325	N, T, V	R	JG1004-3465	HN1024-033
296963	86.00	STD	86.0	139	29.87	50.7	9.25:1	-4.7	303	T	F	JG1004-3386	HN1024-033
361252	86.25	0.25	86.0	139	29.87	50.7	9.25:1	-4.9	304	T	F	JG1004-3396	HN1024-033
296964	86.50	0.50	86.0	139	29.87	50.7	9.25:1	-5.3	305	T	F	JG1004-3405	HN1024-033
309342	87.00	1.00	86.0	139	29.87	50.7	9.25:1	-5.9	309	T	F	JG1004-3425	HN1024-033
309343	88.00	2.00	86.0	139	29.87	50.7	9.25:1	-7.2	326	T	F	JG1004-3465	HN1024-033
309344	89.00	3.00	86.0	139	29.87	50.7	9.25:1	-8.5	329	T	F	JG1004-3504	
317758	90.00	4.00	86.0	139	29.87	50.7	9.25:1	-10.7	335	T	F	JG1004-3543	
361270	86.00	STD	86.0	139	29.87	50.7	10.0:1	0.7	346	Ultra	F	JG1004-3386	HN1024-033
361271	86.25	0.25	86.0	139	29.87	50.7	10.0:1	0.4	348	Ultra	F	JG1004-3396	HN1024-033
361272	86.50	0.50	86.0	139	29.87	50.7	10.0:1	0.2	350	Ultra	F	JG1004-3405	HN1024-033
361273	87.00	1.00	86.0	139	29.87	50.7	10.0:1	-0.4	354	Ultra	F	JG1004-3425	HN1024-033
361274	87.50	1.50	86.0	139	29.87	50.7	10.0:1	-1.0	360	Ultra	F	JG1004-3445	HN1024-033
361275	88.00	2.00	86.0	139	29.87	50.7	10.0:1	-1.6	364	Ultra	F	JG1004-3465	HN1024-033

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

ACURA K20A/Z CONTINUED

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .030	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
309411	86.00	STD	86.0	139	29.87	50.7	10.25:1	2.3	323	T	F	JG1004-3386	HN1024-033
361253	86.25	0.03	86.0	139	29.87	50.7	10.25:1	2.0	325	T	F	JG1004-3396	HN1024-033
309412	86.50	0.50	86.0	139	29.87	50.7	10.25:1	1.8	327	T	F	JG1004-3405	HN1024-033
309413	87.00	1.00	86.0	139	29.87	50.7	10.25:1	1.2	326	T	F	JG1004-3425	HN1024-033
309414	88.00	2.00	86.0	139	29.87	50.7	10.25:1	0.0	336	T	F	JG1004-3465	HN1024-033
309415	89.00	3.00	86.0	139	29.87	50.7	10.25:1	-1.1	339	T	F	JG1004-3504	
317757	90.00	4.00	86.0	139	29.87	50.7	10.25:1	-3.1	352	T	F	JG1004-3543	
204256	86.00	STD	86.0	139	29.87	50.7	11.2:1	7.1	307	V	R	JC2704-3386	HN1024-033
338057	86.00	STD	86.0	139	29.87	50.7	11.6:1	9.0	329	V	F	JG1004-3386	HN1024-033
361254	86.25	0.25	86.0	139	29.87	50.7	11.6:1	9.0	330	V	F	JG1004-3396	HN1024-033
338058	86.50	0.50	86.0	139	29.87	50.7	11.7:1	9.0	331	V	F	JG1004-3405	HN1024-033
338059	87.00	1.00	86.0	139	29.87	50.7	11.9:1	9.0	334	V	F	JG1004-3425	HN1024-033
338060	87.50	1.50	86.0	139	29.87	50.7	12.0:1	9.0	341	N, V	F	JG1004-3445	HN1024-033
338061	88.00	2.00	86.0	139	29.87	50.7	12.1:1	9.0	343	N, V	F	JG1004-3465	HN1024-033
338062	89.00	3.00	86.0	139	29.87	50.7	12.3:1	9.0	350	N, V	F	JG1004-3504	
338063	90.00	4.00	86.0	139	29.87	50.7	12.5:1	9.0	359	N, V	F	JG1004-3543	
226379	86.00	STD	86.0	139	29.87	50.7	11.6:1	9.2	313	U	R	JC2704-3386	HN1024-033
361255	86.00	STD	86.0	139	29.87	50.7	12.5:1	12.4		V	F	JG1004-3386	HN1024-033
361256	86.25	0.25	86.0	139	29.87	50.7	12.5:1	12.4		V	F	JG1004-3396	HN1024-033
361257	86.50	0.50	86.0	139	29.87	50.7	12.5:1	12.4		V	F	JG1004-3405	HN1024-033
345618	87.00	1.00	86.0	139	29.87	50.7	12.5:1	12.4	345	U	F	JG1004-3425	HN1024-033
345619	87.50	1.50	86.0	139	29.87	50.7	12.5:1	11.9	346	U	F	JG1004-3445	HN1024-033
345620	88.00	2.00	86.0	139	29.87	50.7	12.5:1	11.5	349	U	F	JG1004-3465	HN1024-033
338063	90.00	4.00	86.0	139	29.87	50.7	12.5:1	9.0	359	N, V	F	JG1004-3543	

ACURA K24A WITH K20A/Z HEAD

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .030	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
309418	87.00	STD	99.0	152	29.87	50.7	9.25:1	-15.5	301	T	F	JG1004-3425	HN1024-033
361260	87.50	0.50	99.0	152	29.87	50.7	9.25:1	-15.9	304	T	F	JG1004-3445	HN1024-033
309419	88.00	1.00	99.0	152	29.87	50.7	9.25:1	-17.1	306	T	F	JG1004-3465	HN1024-033
309420	89.00	2.00	99.0	152	29.87	50.7	9.25:1	-18.7	309	T	F	JG1004-3504	
317759	90.00	3.00	99.0	152	29.87	50.7	9.25:1	-21.0	314	T	F	JG1004-3543	
309421	87.00	STD	99.0	152	29.87	50.7	10.25:1	-7.4	318	T	F	JG1004-3425	HN1024-033
361261	87.50	0.50	99.0	152	29.87	50.7	10.25:1	-8.1	319	T	F	JG1004-3445	HN1024-033
309422	88.00	1.00	99.0	152	29.87	50.7	10.25:1	-8.7	320	T	F	JG1004-3465	HN1024-033
309423	89.00	2.00	99.0	152	29.87	50.7	10.25:1	-10.1	322	T	F	JG1004-3504	
317760	90.00	3.00	99.0	152	29.87	50.7	10.25:1	-12.3	328	T	F	JG1004-3543	
361273	87.00	STD	99.0	152	29.87	50.7	11.3:1	-0.4	354	Ultra	F	JG1004-3425	HN1024-033
361274	87.50	0.50	99.0	152	29.87	50.7	11.3:1	-1.0	360	Ultra	F	JG1004-3445	HN1024-033
361275	88.00	1.00	99.0	152	29.87	50.7	11.3:1	-1.6	364	Ultra	F	JG1004-3465	HN1024-033
309424	87.00	STD	99.0	152	29.87	50.7	11.75:1	2.0	332	V	F	JG1004-3425	HN1024-033
361262	87.50	0.50	99.0	152	29.87	50.7	11.75:1	0.9	334	V	F	JG1004-3445	HN1024-033
309425	88.00	1.00	99.0	152	29.87	50.7	11.75:1	0.8	336	V	F	JG1004-3465	HN1024-033
309426	89.00	2.00	99.0	152	29.87	50.7	11.75:1	-0.3	339	V	F	JG1004-3504	
317761	90.00	3.00	99.0	152	29.87	50.7	11.75:1	-2.2	345	U	F	JG1004-3543	
361263	87.00	STD	99.0	152	29.87	50.7	12.5:1	5.2		U	F	JG1004-3425	HN1024-033
361264	87.50	0.50	99.0	152	29.87	50.7	12.5:1	4.6		U	F	JG1004-3445	HN1024-033
361265	88.00	1.00	99.0	152	29.87	50.7	12.5:1	4.1		U	F	JG1004-3465	HN1024-033
361266	89.00	2.00	99.0	152	29.87	50.7	12.5:1	3.0		U	F	JG1004-3504	
361267	90.00	3.00	99.0	152	29.87	50.7	12.5:1	2.0		U	F	JG1004-3543	
242194	87.00	STD	99.0	152	29.87	50.7	13.3:1	8.6	334	U	R	JG1004-3425	
338059	87.00	STD	99.0	152	29.87	50.7	13.5:1	9.0	334	V	F	JG1004-3425	HN1024-033
338060	87.50	1.50	99.0	152	29.87	50.7	13.6:1	9.0	341	N, V	F	JG1004-3445	HN1024-033

ACURA K24A WITH K20A/Z HEAD CONTINUED

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .030	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
338061	88.00	1.00	99.0	152	29.87	50.7	13.8:1	9.0	343	N, V	F	JG1004-3465	HN1024-033
338062	89.00	2.00	99.0	152	29.87	50.7	14.0:1	9.0	350	N, V	F	JG1004-3504	
338063	90.00	3.00	99.0	152	29.87	50.7	14.3:1	9.0	359	N, V	F	JG1004-3543	
345618	87.00	STD	99.0	152	29.87	50.7	14.2:1	12.4	345	U	F	JG1004-3425	HN1024-033
345619	87.50	0.50	99.0	152	29.87	50.7	14.2:1	11.9	346	U	F	JG1004-3445	HN1024-033
345620	88.00	1.00	99.0	152	29.87	50.7	14.2:1	11.5	349	U	F	JG1004-3465	HN1024-033

ACURA K24A

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .033	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
376664	87.00	STD	99.0	152	29.87	51	10.0:1	-9.0		T	F	JG1004-3425	HN1024-033
376665	87.50	0.50	99.0	152	29.87	51	10.0:1	-9.7		T	F	JG1004-3445	HN1024-033
376666	88.00	1.00	99.0	152	29.87	51	10.0:1	-10.4		T	F	JG1004-3465	HN1024-033
376667	89.00	2.00	99.0	152	29.87	51	10.0:1	-11.8		T	F	JG1004-3504	
376668	90.00	3.00	99.0	152	29.87	51	10.0:1	-13.3		T	F	JG1004-3543	
376669	87.00	STD	99.0	152	29.87	51	12.5:1	5.2		V	F	JG1004-3425	HN1024-033
376670	87.50	0.50	99.0	152	29.87	51	12.5:1	4.6		V	F	JG1004-3445	HN1024-033
376671	88.00	1.00	99.0	152	29.87	51	12.5:1	4.1		V	F	JG1004-3465	HN1024-033
376672	89.00	2.00	99.0	152	29.87	51	12.5:1	3.0		V	F	JG1004-3504	
376673	90.00	3.00	99.0	152	29.87	51	12.5:1	2.0		V	F	JG1004-3543	
376674	87.00	STD	99.0	152	29.87	51	14.5:1	12.7		V	F	JG1004-3425	HN1024-033
376675	87.50	1.50	99.0	152	29.87	51	14.5:1	12.3		V	F	JG1004-3445	HN1024-033
376676	88.00	1.00	99.0	152	29.87	51	14.5:1	11.9		V	F	JG1004-3465	HN1024-033
376677	89.00	2.00	99.0	152	29.87	51	14.5:1	11.0		V	F	JG1004-3504	
376678	90.00	3.00	99.0	152	29.87	51	14.5:1	10.0		V	F	JG1004-3543	

ACURA/HONDA K20C TURBO

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. **OEM K20C Connecting rod pin bore must be honed to accept 22mm (.866") wrist pin.*

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .026	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
357423	86.00	STD	85.9	143.66	32	51.3	9.8:1	-1.5	352	T	F	JG1204-3386	
357424	86.50	0.50	85.9	143.66	32	51.3	9.8:1	-2.2	354	T	F	JG1204-3405	
361278	86.00	STD	85.9	143.66	32	51.3	10.0:1	0.0	356	Ultra	F	JG1204-3386	
361279	86.50	0.50	85.9	143.66	32	51.3	10.0:1	-0.6	360	Ultra	F	JG1204-3405	
357425	86.00	STD	85.9	143.66	32	51.3	10.5:1	2.6	355	T	F	JG1204-3386	
357426	86.50	0.50	85.9	143.66	32	51.3	10.5:1	2.0	356	T	F	JG1204-3405	

HONDA L15A VTEC

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
295751	73.00	STD	89.4	149	26.1	26	9.0:1	-15.0	205	T	R	JG1004-2874	
325562	73.50	0.50	89.4	149	26.1	26	9.0:1	-16.1	207	T	R	JG1004-2894	
325563	73.00	STD	89.4	149	26.1	26	11.5:1	-4.4	210	V	R	JG1004-2874	
325564	73.50	0.50	89.4	149	26.1	26	11.5:1	-4.8	212	V	R	JG1004-2894	
325565	73.00	STD	89.4	149	26.1	26	12.5:1	-1.3	209	V	R	JG1004-2874	
325566	73.50	0.50	89.4	149	26.1	26	12.5:1	-1.7	211	V	R	JG1004-2894	

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

HONDA L15B7 TURBO

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .018	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
357427	73.00	STD	89.5	140.9	28.6	27.6	9.5:1	-13.4	207	T	R	JG1004-2874	
357428	73.50	0.50	89.5	140.9	28.6	27.6	9.5:1	-14.0	209	T	R	JG1004-2894	
357429	73.00	STD	89.5	140.9	28.6	27.6	10.3:1	-9.6	218	T	R	JG1004-2874	
357430	73.50	0.50	89.5	140.9	28.6	27.6	10.3:1	-10.1	220	T	R	JG1004-2894	

AUDI/VW - 2005+ 1.4L TFSI

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
363325	76.50	STD	75.6	144	29	26	10.0:1	-8.0		T	R	JG1004-3012	
363326	77.00	0.50	75.6	144	29	26	10.0:1	-8.0		T	R	JG1004-3031	
363327	77.50	1.00	75.6	144	29	26	10.0:1	-8.0		T	R	JG1004-3051	

AUDI/VW - 1986+ 1.8L 16V KR/PL

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. **Must remove oil squirters or use adequate spacers*

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
302353	81.00	STD	86.4	144	32.8	46	8.5:1	-7.6	280	T	F	JG1004-3189	VW1004-055
302356	81.50	0.50	86.4	144	32.8	46	8.5:1	-8.3	288	T	F	JG1004-3209	VW1004-055
302359	82.00	1.00	86.4	144	32.8	46	8.5:1	-9.0	286	T	F	JG1004-3228	VW1004-055
302354	81.00	STD	86.4	144	32.8	46	10.5:1	4.8	295	V	F	JG1004-3189	VW1004-055
302357	81.50	0.50	86.4	144	32.8	46	10.5:1	4.3	298	V	F	JG1004-3209	VW1004-055
302360	82.00	1.00	86.4	144	32.8	46	10.5:1	3.8	301	V	F	JG1004-3228	VW1004-055
302355	81.00	STD	86.4	144	32.8	46	11.5:1	9.3	307	V	F	JG1004-3189	VW1004-055
302358	81.50	0.50	86.4	144	32.8	46	11.5:1	8.8	311	V	F	JG1004-3209	VW1004-055
302361	82.00	1.00	86.4	144	32.8	46	11.5:1	8.4	313	V	F	JG1004-3228	VW1004-055

AUDI/VW - 1990-1993 2.0L 9A 16V JETTA / GTI / PASSAT

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. **Must remove oil squirters or use adequate spacers*

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
301937	83.00	0.50	92.8	144	29.59	46	8.5:1	-15.0	277	T	F	JG1004-3268	
301940	83.50	1.00	92.8	144	29.59	46	8.5:1	-15.7	279	T	F	JG1004-3287	
301938	83.00	0.50	92.8	144	29.59	46	9.5:1	-7.0	281	T	F	JG1004-3268	
301941	83.50	1.00	92.8	144	29.59	46	9.5:1	-7.4	286	T	F	JG1004-3287	
301939	83.00	0.50	92.8	144	29.59	46	11.5:1	4.1	292	V	F	JG1004-3268	
301942	83.50	1.00	92.8	144	29.59	46	11.5:1	3.7	295	V	F	JG1004-3287	

AUDI/VW - 1993-1999 2.0L 8V GOLF III / JETTA III

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.
(AGN blocks must use full round series)
(Not compatible with AEG Engines)

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
295733	82.50	STD	92.8	159	30.60	30	9.0:1	-26.0	287	T	R	JG1004-3250	
302259	85.50	STD	92.8	159	30.60	30	9.0:1	-24.9	275	T	F	JG1004-3250	
295734	83.00	0.50	92.8	159	30.60	30	9.0:1	-26.8	289	T	R	JG1004-3268	
302261	83.00	0.50	92.8	159	30.60	30	9.0:1	-25.6	277	T	F	JG1004-3268	
186239	82.50	STD	92.8	159	30.81	30	10.2:1	-19.6	257	V	R	JG1004-3250	
302260	82.50	STD	92.8	159	30.60	30	10.5:1	-15.7	285	V	F	JG1004-3250	
186240	83.00	0.50	92.8	159	30.81	30	10.2:1	-19.6	258	V	R	JG1004-3268	
302262	83.00	0.50	92.8	159	30.60	30	10.5:1	-15.7	287	V	F	JG104-3268	

AUDI/VW - 1997-2005 1.8T 20V 20MM PIN - FULL ROUND SERIES

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .037	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
242909	81.00	STD	86.4	144	32.66	43	8.8:1	-8.1	296	T	R	JG1004-3189	
242926	81.50	0.50	86.4	144	32.66	43	8.8:1	-8.7	304	T	R	JG1004-3209	
242928	82.00	1.00	86.4	144	32.66	43	8.8:1	-9.3	310	T	R	JG1004-3228	
295742	82.50	1.50	86.4	144	32.66	43	8.8:1	-12.2	307	T	R	JG1004-3250	
295744	83.00	2.00	86.4	144	32.66	43	8.8:1	-12.9	310	T	R	JG1004-3268	
242880	81.00	STD	86.4	144	32.66	43	9.6:1	-2.7	299	T	R	JG1004-3189	
242881	81.50	0.50	86.4	144	32.66	43	9.6:1	-3.1	303	T	R	JG1004-3209	
242882	82.00	1.00	86.4	144	32.66	43	9.6:1	-3.6	308	T	R	JG1004-3228	
295743	82.50	1.50	86.4	144	32.66	43	9.6:1	-6.0	310	T	R	JG1004-3250	
295745	83.00	2.00	86.4	144	32.66	43	9.6:1	-6.5	312	T	R	JG1004-3268	

AUDI/VW - 1997-2005 1.8T 20V 20MM PIN - ASYMMETRICAL SERIES

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. **Asymmetrical FSR requires removal or modification of oil squirter*

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .037	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
302020	81.00	STD	86.4	144	32.66	43	8.5:1	-10.6	278	T	F	JG1004-3189	
302022	81.50	0.50	86.4	144	32.66	43	8.5:1	-11.3	284	T	F	JG1004-3209	
302024	82.00	1.00	86.4	144	32.66	43	8.5:1	-12.0	288	T	F	JG1004-3228	
302026	82.50	1.50	86.4	144	32.66	43	8.5:1	-12.7	289	T	F	JG1004-3250	
302028	83.00	2.00	86.4	144	32.66	43	8.5:1	-13.4	293	T	F	JG1004-3268	
302021	81.00	STD	86.4	144	32.66	43	9.25:1	-5.3	290	T	F	JG1004-3189	
302023	81.50	0.50	86.4	144	32.66	43	9.25:1	-5.9	295	T	F	JG1004-3209	
302025	82.00	1.00	86.4	144	32.66	43	9.25:1	-6.5	295	T	F	JG1004-3228	
302027	82.50	1.50	86.4	144	32.66	43	9.25:1	-7.0	299	T	F	JG1004-3250	
302029	83.00	2.00	86.4	144	32.66	43	9.25:1	-7.7	303	T	F	JG1004-3268	

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

AUDI/VW - 1997-2005 1.8T 20V 20MM PIN - NEW FSR SERIES

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .037	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
353823	81.00	STD	86.4	144	32.66	43	8.5:1	-10.6	284	T	F	JG1004-3189	
353824	81.50	0.50	86.4	144	32.66	43	8.5:1	-11.3	286	T	F	JG1004-3209	
353825	82.00	1.00	86.4	144	32.66	43	8.5:1	-12.0	288	T	F	JG1004-3228	
353826	82.50	1.50	86.4	144	32.66	43	8.5:1	-12.7	290	T	F	JG1004-3250	
353827	83.00	2.00	86.4	144	32.66	43	8.5:1	-13.4	292	T	F	JG1004-3268	
353828	81.00	STD	86.4	144	32.66	43	9.25:1	-5.3	297	T	F	JG1004-3189	
353829	81.50	0.50	86.4	144	32.66	43	9.25:1	-5.9	299	T	F	JG1004-3209	
353830	82.00	1.00	86.4	144	32.66	43	9.25:1	-6.5	301	T	F	JG1004-3228	
353831	82.50	1.50	86.4	144	32.66	43	9.25:1	-7.0	303	T	F	JG1004-3250	
353832	83.00	2.00	86.4	144	32.66	43	9.25:1	-7.7	305	T	F	JG1004-3268	
367855	81.00	STD	86.4	144	32.54	43	9.5:1	-2.8		Ultra	F	JG1004-3189	
367856	81.50	0.50	86.4	144	32.54	43	9.5:1	-3.4		Ultra	F	JG1004-3209	
367857	82.00	1.00	86.4	144	32.54	43	9.5:1	-3.9		Ultra	F	JG1004-3228	
367858	82.50	1.50	86.4	144	32.54	43	9.5:1	-4.5		Ultra	F	JG1004-3250	

AUDI/VW - 2004-2008 2.0 TURBO FSI 20MM PIN - FULL ROUND SERIES

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .031	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
279930	82.50	STD	92.8	144	29.6	45	9.0:1	-11.5	290	T	R	JG1004-3250	
279931	83.00	0.50	92.8	144	29.6	45	9.0:1	-12.2	294	T	R	JG1004-3268	
279932	83.50	1.00	92.8	144	29.6	45	9.0:1	-12.9	298	T	R	JG1004-3287	
284779	82.50	STD	92.8	144	29.6	45	10.25:1	-3.7	297	T	R	JG1004-3250	
284780	83.00	0.50	92.8	144	29.6	45	10.25:1	-4.3	301	T	R	JG1004-3268	
284781	83.50	1.00	92.8	144	29.6	45	10.25:1	-4.9	305	T	R	JG1004-3287	
291883	82.50	STD	92.8	144	29.3	45	10.9:1	-0.5	301	T	R	JG1004-3250	
291884	83.00	0.50	92.8	144	29.3	45	11.0:1	-0.5	309	T	R	JG1004-3268	
291885	83.50	1.00	92.8	144	29.3	45	11.1:1	-0.5	313	T	R	JG1004-3287	

AUDI/VW - 2004-2008 2.0 TURBO FSI 20MM PIN - ASYMMETRICAL SERIES

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. **Asymmetrical FSR requires removal or modification of oil squirter*

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .031	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
302337	82.50	STD	92.8	144	29.6	45	8.5:1	-15.3	272	T	F	JG1004-3250	
302341	83.00	STD	92.8	144	29.6	45	8.5:1	-16.0	275	T	F	JG1004-3268	
302346	83.50	STD	92.8	144	29.6	45	8.5:1	-16.7	279	T	F	JG1004-3287	
302338	82.50	STD	92.8	144	29.6	45	9.5:1	-7.4	278	T	F	JG1004-3250	
302342	83.00	STD	92.8	144	29.6	45	9.5:1	-8.0	282	T	F	JG1004-3268	
302348	83.50	STD	92.8	144	29.6	45	9.5:1	-8.7	285	T	F	JG1004-3287	
302339	82.50	STD	92.8	144	29.6	45	10.5:1	-1.3	285	T	F	JG1004-3250	
302343	83.00	STD	92.8	144	29.6	45	10.5:1	-1.9	291	T	F	JG1004-3268	
302349	83.50	STD	92.8	144	29.6	45	10.5:1	-2.4	294	T	F	JG1004-3287	

AUDI/VW - 2004-2008 2.0 TURBO FSI 20MM PIN - NEW FSR SERIES

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .031	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
353833	82.50	STD	92.8	144	29.6	45	9.25:1	-10.5	283	T	F	JG1004-3250	
353834	83.00	0.50	92.8	144	29.6	45	9.25:1	-11.25	286	T	F	JG1004-3268	
353835	83.50	1.00	92.8	144	29.6	45	9.25:1	-11.9	289	T	F	JG1004-3287	
367866	82.50	STD	92.8	144	29.3	45	9.5:1	-7.4		Ultra	F	JG1004-3250	
367867	83.00	0.50	92.8	144	29.3	45	9.5:1	-8.1		Ultra	F	JG1004-3268	
367868	83.50	1.00	92.8	144	29.3	45	9.5:1	-8.7		Ultra	F	JG1004-3287	
353836	82.50	STD	92.8	144	29.6	45	10.0:1	-5.5		T	F	JG1004-3250	
353837	83.00	0.50	92.8	144	29.6	45	10.0:1	-6.2	295	T	F	JG1004-3268	
353838	83.50	1.00	92.8	144	29.6	45	10.0:1	-6.8	296	T	F	JG1004-3287	

AUDI/VW - 2008-2014 2.0T TSI 21MM PIN - FULL ROUND SERIES

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .031	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
314311	82.50	STD	92.8	144	26.6	46	9.1:1	-10.8	295	T	R	JG1004-3250	
314312	83.00	0.50	92.8	144	29.6	46	9.1:1	-11.5	297	T	R	JG1004-3268	
314313	83.50	1.00	92.8	144	29.6	46	9.1:1	-12.3	302	T	R	JG1004-3287	
329244	82.50	STD	92.8	144	29.6	46	9.6:1	-7.1	292	T	R	JG1004-3250	
329245	83.00	0.50	92.8	144	29.6	46	9.6:1	-7.8	295	T	R	JG1004-3268	
329246	83.50	1.00	92.8	144	29.6	46	9.6:1	-8.4	300	T	R	JG1004-3287	
314314	82.50	STD	92.8	144	29.6	46	10.3:1	-3.0	305	T	R	JG1004-3250	
314315	83.00	0.50	92.8	144	29.6	46	10.3:1	-3.6	309	T	R	JG1004-3268	
314316	83.50	1.00	92.8	144	29.6	46	10.3:1	-4.3	313	T	R	JG1004-3287	

AUDI/VW - 2008-2014 2.0T TSI 21MM PIN - ASYMMETRICAL SERIES

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. **Asymmetrical FSR requires removal or modification of oil squirter*

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .031	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
314317	82.50	STD	92.8	144	29.6	46	9.1:1	-10.8	272	T	F	JG1004-3250	
314318	83.00	0.50	92.8	144	29.6	46	9.1:1	-11.5	276	T	F	JG1004-3268	
314319	83.50	1.00	92.8	144	29.6	46	9.1:1	-12.3	280	T	F	JG1004-3287	
329247	82.50	STD	92.8	144	29.6	46	9.6:1	-7.1	274	T	F	JG1004-3250	
329248	83.00	0.50	92.8	144	29.6	46	9.6:1	-7.8		T	F	JG1004-3268	
329249	83.50	1.00	92.8	144	29.6	46	9.6:1	-8.4	281	T	F	JG1004-3287	
314320	82.50	STD	92.8	144	29.6	46	10.3:1	-3.0	297	T	F	JG1004-3250	
314321	83.00	0.50	92.8	144	29.6	46	10.3:1	-3.6	300	T	F	JG1004-3268	
314322	83.50	1.00	92.8	144	29.6	46	10.3:1	-4.3	303	T	F	JG1004-3287	

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

AUDI/VW - 2008-2014 2.0T TSI 21MM PIN - NEW FSR SERIES

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .031	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
353839	82.50	STD	92.8	144	29.6	46	9.6:1	-7.1	291	T	F	JG1004-3250	
353840	83.00	0.50	92.8	144	29.6	46	9.6:1	-7.8	325	T	F	JG1004-3268	
353841	83.50	1.00	92.8	144	29.6	46	9.6:1	-8.4	295	T	F	JG1004-3287	
367860	82.50	STD	92.8	144	29.3	46	9.6:1	-5.7		Ultra	F	JG1004-3250	
367861	83.00	0.50	92.8	144	29.3	46	9.6:1	-6.4		Ultra	F	JG1004-3268	
367862	83.50	1.00	92.8	144	29.3	46	9.6:1	-7.0		Ultra	F	JG1004-3287	
353842	82.50	STD	92.8	144	29.6	46	10.0:1	-4.5	297	T	F	JG1004-3250	
353843	83.00	0.50	92.8	144	29.6	46	10.0:1	-5.2	300	T	F	JG1004-3268	
353844	83.50	1.00	92.8	144	29.6	46	10.0:1	-5.8	302	T	F	JG1004-3287	

AUDI/VW - 2013+ 2.0T TSI 22MM PIN - FULL ROUND SERIES

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .031	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
345812	82.50	STD	92.8	144	29.6	46	9.6:1	-7.1	291	T	R	JG1004-3250	
345814	83.00	0.5	92.8	144	29.6	46	9.6:1	-7.8	293	T	R	JG1004-3268	
353848	83.50	1.00	92.8	144	29.6	46	9.6:1	-8.4		T	R	JG1004-3287	
353845	82.50	STD	92.8	144	29.6	46	10.0:1	-4.5	294	T	R	JG1004-3250	
353846	83.00	0.50	92.8	144	29.6	46	10.0:1	-5.2	297	T	R	JG1004-3268	
353847	83.50	1.00	92.8	144	29.6	46	10.0:1	-5.8		T	R	JG1004-3287	

AUDI/VW - 2013+ 2.0T TSI 22MM PIN - NEW FSR SERIES

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .031	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
353849	82.50	STD	92.8	144	29.6	46	9.6:1	-7.1	285	T	F	JG1004-3250	
353850	83.00	0.50	92.8	144	29.6	46	9.6:1	-7.8	290	T	F	JG1004-3268	
353851	83.50	1.00	92.8	144	29.6	46	9.6:1	-8.4		T	F	JG1004-3287	
353852	82.50	STD	92.8	144	29.6	46	10.0:1	-4.5	294	T	F	JG1004-3250	
353853	83.00	0.50	92.8	144	29.6	46	10.0:1	-5.2	296	T	F	JG1004-3268	
353854	83.50	1.00	92.8	144	29.6	46	10.0:1	-5.8		T	F	JG1004-3287	

AUDI/VW - 2013+ EURO / 2015+ USA 2.0T TSI 23MM PIN - FULL ROUND SERIES

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .031	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
345817	82.50	STD	92.8	144	29.6	46	9.6:1	-7.1	287	T	R	JG1004-3250	
345819	83.00	0.5	92.8	144	29.6	46	9.6:1	-7.8	292	T	R	JG1004-3268	
353858	83.50	1.00	92.8	144	29.6	46	9.6:1	-8.4		T	R	JG1004-3287	
353855	82.50	STD	92.8	144	29.6	46	10.0:1	-4.5		T	F	JG1004-3250	
353856	83.00	0.50	92.8	144	29.6	46	10.0:1	-5.2		T	F	JG1004-3268	
353857	83.50	1.00	92.8	144	29.6	46	10.0:1	-5.8		T	F	JG1004-3287	

AUDI/VW - 2013+ EURO / 2015+ USA 2.0T TSI 23MM PIN - NEW FSR SERIES

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .031	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
353859	82.50	STD	92.8	144	29.6	46	9.6:1	-7.1	282	T	F	JG1004-3250	
353860	83.00	0.50	92.8	144	29.6	46	9.6:1	-7.8	285	T	F	JG1004-3268	
353861	83.50	1.00	92.8	144	29.6	46	9.6:1	-8.4	288	T	F	JG1004-3287	
367863	82.50	STD	92.8	144	29.3	46	9.6:1	-5.7		Ultra	R	JG1004-3250	
367864	83.00	0.50	92.8	144	29.3	46	9.6:1	-6.4		Ultra	R	JG1004-3268	
367865	83.50	1.00	92.8	144	29.3	46	9.6:1	-7.0		Ultra	R	JG1004-3287	
353862	82.50	STD	92.8	144	29.6	46	10.0:1	-4.5	289	T	F	JG1004-3250	
353863	83.00	0.50	92.8	144	29.6	46	10.0:1	-5.2	292	T	F	JG1004-3268	
353864	83.50	1.00	92.8	144	29.6	46	10.0:1	-5.8		T	F	JG1004-3287	

AUDI/VW - 1994+ RS2 5 CYL

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. **Must remove oil squirters or use adequate spacers*

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
302228	81.00	STD	86.4	144	32.8	46	8.5	-7.6	279	T	F	JG1005-3189	
302229	81.50	0.50	86.4	144	32.8	46	8.5	-8.3	285	T	F	JG1005-3209	

AUDI/VW - 2013-2016 TT RS 5 CYL 22MM PIN

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .033	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
337966	82.50	STD	92.8	144	29.6	46	9.5:1	-7.5	310	T	R	JG1005-3250	
337967	83.00	0.50	92.8	144	29.6	46	9.5:1	-8.1	318	T	R	JG1005-3268	
337968	83.50	1.00	92.8	144	29.6	46	9.5:1	-8.8	321	T	R	JG1005-3287	
367846	82.50	STD	92.8	144	29.6	46	9.5:1	-7.5		Ultra	R	JG1005-3250	
367847	83.00	0.50	92.8	144	29.6	46	9.5:1	-8.1		Ultra	R	JG1005-3268	
367848	83.50	1.00	92.8	144	29.6	46	9.5:1	-8.8		Ultra	R	JG1005-3287	

AUDI/VW - 2017+ DAZA 5 CYL TURBO 22MM PIN

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .033	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
380147	82.50	STD	92.8	144	29.4	46	10.0:1	-4.2		T	F	JG1001-3250	
380148	83.00	0.50	92.8	144	29.4	46	10.0:1	-4.9		T	F	JG1201-3268	
380150	82.50	STD	92.8	144	29.4	46	9.5:1	-7.5		Ultra	F	JG1001-3250	
380151	83.00	0.50	92.8	144	29.4	46	9.5:1	-8.8		Ultra	F	JG1201-3268	

AUDI/VW - 2017+ DAZA 5 CYL TURBO 23MM PIN

380152	82.50	STD	92.8	144	29.4	46	10.0:1	-4.2	293	T	F	JG1001-3250	
380153	82.75	0.25	92.8	144	29.4	46	10.0:1	-4.6	296	T	F	JG1201-3268	
380154	83.00	0.50	92.8	144	29.4	46	10.0:1	-4.9	299	T	F	JG1201-3268	
380156	82.50	STD	92.8	144	29.4	46	9.5:1	-7.5		Ultra	F	JG1001-3250	
380157	82.75	0.25	92.8	144	29.4	46	9.5:1	-7.8		Ultra	F	JG1201-3268	
380158	83.00	0.50	92.8	144	29.4	46	9.5:1	-8.1		Ultra	F	JG1201-3268	

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

AUDI/VW - 1992-99 VR6 12V GTI / JETTA GLX / PASSAT AAA

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
186235	82.00	1.00	90.2	164	32.39	-	9.0:1	-	304	T	R	JG1006-3228	VW1003-026
186236	83.00	2.00	90.2	164	32.39	-	9.0:1	-	306	T	R	JG1006-3268	VW1002-026
186237	82.00	1.00	90.2	164	32.39	-	10.0:1	-	296	V	R	JG1006-3228	VW1003-026
186238	83.00	2.00	90.2	164	32.39	-	10.0:1	-	302	V	R	JG1006-3268	VW1002-026

AUDI/VW - 1999-2005 2.8L 24V VR6

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
279953	81.00	STD	90.2	164	42.82	39	8.5:1	-19.5	326	T	R	JG1006-3189	
279954	81.50	0.50	90.2	164	42.82	39	8.5:1	-20.2	330	T	R	JG1006-3209	
279955	82.00	1.00	90.2	164	42.82	39	8.5:1	-20.9	338	T	R	JG1006-3228	
279956	81.00	STD	90.2	164	42.82	39	11.1:1	-3.5	346	V	R	JG1006-3189	
279957	81.50	0.50	90.2	164	42.82	39	11.2:1	-3.5	351	V	R	JG1006-3209	
279958	82.00	1.00	90.2	164	42.82	39	11.3:1	-3.5	356	V	R	JG1006-3228	

AUDI/VW - 2001+ 3.2L 24V VR6 R32

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
279946	84.00	STD	95.9	164	40.44	40	8.5:1	-27.0	328	T	R	JG1006-3307	
279947	84.50	0.50	95.9	164	40.44	40	8.5:1	-27.8	334	T	R	JG1006-3327	
279948	85.00	1.00	95.9	164	40.44	40	8.5:1	-28.6	337	T	R	JG1006-3346	
279949	84.00	STD	95.9	164	40.44	40	11.5:1	-6.8	342	V	R	JG1006-3307	
279950	84.50	0.50	95.9	164	40.44	40	11.5:1	-7.4	348	V	R	JG1006-3327	
279951	85.00	1.00	95.9	164	40.44	40	11.5:1	-7.9	354	V	R	JG1006-3346	

AUDI/VW - 1999-2005 2.7TT S4 30V

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .048	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
314323	81.00	STD	86.4	154	30.7	45.5	9.0:1	-3.3	302	T	R	JG1006-3189	
314324	81.50	0.50	86.4	154	30.7	45.5	9.0:1	-3.9	298	T	R	JG1006-3209	
314325	82.00	1.00	86.4	154	30.7	45.5	9.0:1	-4.5	304	T	R	JG1006-3228	
314326	82.50	1.50	86.4	154	30.7	45.5	9.0:1	-5.7	302	T	R	JG1006-3250	
314327	83.00	2.00	86.4	154	30.7	45.5	9.0:1	-6.4	315	T	R	JG1006-3268	

AUDI - 2009+ R8 V10 5.2L FSI

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .069	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
308178	84.50	STD	92.8	154	27.6	46	9.0:1	-14.0	284	T	F	XC8450	
361280	85.00	0.50	92.8	154	27.6	46	9.0:1	-14.6		T	F	XC8500	
361281	84.50	STD	92.8	154	27.6	46	10.5:1	-3.7		T	F	XC8450	
361282	85.00	0.50	92.8	154	27.6	46	10.5:1	-4.7		T	F	XC8500	

BMW 1986 - 1990 M3 S14B23

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .072	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
321357	93.60	0.20	84.0	144	32	42.5	8.5:1	-23.1	370	T	F	J60004-3691	BM1008-079
321358	93.80	0.40	84.0	144	32	42.5	8.5:1	-23.4	372	T	F	JG1004-3701	BM1008-079
321359	94.00	0.60	84.0	144	32	42.5	8.5:1	-23.7	373	T	F	JG1004-3701	BM1008-079
321360	94.20	0.80	84.0	144	32	42.5	8.5:1	-24.0	374	T	F	JG1004-3711	BM1008-079
321361	93.60	0.20	84.0	144	32	42.5	13.0:1	5.8	407	V	F	J60004-3691	BM1008-079
321362	93.80	0.40	84.0	144	32	42.5	13.0:1	5.6	408	V	F	JG1004-3701	BM1008-079
321363	94.00	0.60	84.0	144	32	42.5	13.0:1	5.4	409	V	F	JG1004-3701	BM1008-079
321364	94.20	0.80	84.0	144	32	42.5	13.0:1	5.2	411	V	F	JG1004-3711	BM1008-079

BMW 1995 M3 M50/S50B30US 3.0L 24V E36 22MM PIN

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .072	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
297179	86.00	STD	85.8	135	32.8	32	9.0:1	-23.6	297	T	F	JG1006-3386	
361346	86.25	0.25	85.8	135	32.8	32	9.0:1	-24.0		T	F	JG1006-3396	
297180	86.50	0.50	85.8	135	32.8	32	9.0:1	-24.2	299	T	F	JG1006-3405	
297181	86.00	STD	85.8	135	32.8	32	11.5:1	-8.8	300	V	F	JG1006-3386	
361347	86.25	0.25	85.8	135	32.8	32	11.5:1	-9.0		V	F	JG1006-3396	
297182	86.50	0.50	85.8	135	32.8	32	11.5:1	-9.3	302	V	F	JG1006-3405	
297183	86.00	STD	85.8	135	32.8	32	12.5:1	-4.7	304	U	F	JG1006-3386	
361348	86.25	0.25	85.8	135	32.8	32	12.5:1	-4.8		U	F	JG1006-3396	
297184	86.50	0.50	85.8	135	32.8	32	12.5:1	-5.0	305	U	F	JG1006-3405	

BMW 1992-1995 M3 S50B30 EURO 3.0L 24V E36 21MM PIN

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .072	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
345622	86.00	STD	85.8	142	31.62	32	9.0:1	-22.2	319	T	F	JG1006-3386	
361349	86.25	0.25	85.8	142	31.62	32	9.0:1	-22.5		T	F	JG1006-3396	
345623	86.50	0.50	85.8	142	31.62	32	9.0:1	-22.8	321	T	F	JG1006-3405	
345624	86.00	STD	85.8	142	31.62	32	11.5:1	-7.3	329	V	F	JG1006-3386	
361350	86.25	0.25	85.8	142	31.62	32	11.5:1	-7.5		V	F	JG1006-3396	
345625	86.50	0.50	85.8	142	31.62	32	11.5:1	-7.8	333	V	F	JG1006-3405	
345626	86.00	STD	85.8	142	31.62	32	12.5:1	-3.2	339	U	F	JG1006-3386	
361351	86.25	0.25	85.8	142	31.62	32	12.5:1	-3.4		U	F	JG1006-3396	
345627	86.50	0.50	85.8	142	31.62	32	12.5:1	-3.6	343	U	F	JG1006-3405	

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

BMW 1996-1999 M3 S52B32US 3.2L 24V E36 22MM PIN

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .072	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
297170	86.50	0.10	89.6	135	31	34	9.0:1	-25.1	285	T	F	JG1006-3405	
297171	87.00	0.60	89.6	135	31	34	9.0:1	-25.8	290	T	F	JG1006-3425	
297172	86.50	0.10	89.6	135	31	34	11.5:1	-9.4	291	V	F	JG1006-3405	
297173	87.00	0.60	89.6	135	31	34	11.5:1	-9.9	294	V	F	JG1006-3425	
297174	86.50	0.10	89.6	135	31	34	12.5:1	-5.0	295	U	F	JG1006-3405	
297175	87.00	0.60	89.6	135	31	34	12.5:1	-5.5	297	U	F	JG1006-3425	

BMW 1996-1999 M3 S50B32 EURO 3.2L 24V E36 21MM PIN

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .072	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
345628	86.50	0.10	91.0	139	32.3	34	9.0:1	-25.4	323	T	F	JG1006-3405	
345629	87.00	0.60	91.0	139	32.3	34	9.0:1	-26.0	328	T	F	JG1006-3425	
345630	86.50	0.10	91.0	139	32.3	34	11.5:1	-9.6	330	V	F	JG1004-3405	
345631	87.00	0.60	91.0	139	32.3	34	11.5:1	-10.1	336	V	F	JG1006-3425	
345632	86.50	0.10	91.0	139	32.3	34	12.5:1	-5.2	336	U	F	JG1006-3405	
312383	86.75	0.35	91.0	139	32.3	34	12.5:1	-5.4	339	U	F	JG1006-3425	
345633	87.00	0.60	91.0	139	32.3	34	12.5:1	-5.7	340	U	F	JG1006-3425	

BMW 2001-2006 M3 E46, '01-'02 Z3, '06-'08 Z4 S54B32 3.2L 24V

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
297115	87.00	STD	91.0	139	32.3	33	9.0:1	-29.3	306	T	F	JG1006-3425	BM1009-048
297117	87.00	STD	91.0	139	32.3	33	11.5:1	-13.2	330	V	F	JG1006-3425	BM1009-048
297119	87.00	STD	91.0	139	32.3	33	12.5:1	-8.7	340	U	F	JG1006-3425	BM1009-048
297116	87.50	0.50	91.0	139	32.3	33	9.0:1	-30.0	308	T	F	JG1006-3445	
297118	87.50	0.50	91.0	139	32.3	33	11.5:1	-13.8	332	V	F	JG1006-3445	
297120	87.50	0.50	91.0	139	32.3	33	12.5:1	-9.2	342	U	F	JG1006-3445	

BMW 2007-2013 N54B30

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .048	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
338094	84.00	STD	89.6	145	31.6	32	9.5:1	-21.3	307	T	F	JG1006-3307	
338095	84.50	0.50	89.6	145	31.6	32	9.5:1	-22.0	310	T	F	JG1006-3327	
361360	85.00	1.00	89.6	145	31.6	32	9.5:1	-22.7	312	T	F	JG1006-3346	
367877	84.00	STD	89.6	145	31.6	32	9.5:1	-21.3	334	Ultra	F	JG1006-3307	
367878	84.50	0.50	89.6	145	31.6	32	9.5:1	-22.0	337	Ultra	F	JG1006-3327	

BMW 2009+ N55B30

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .048	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
338096	84.00	STD	89.6	145	32.4	37	9.5:1	-14.7	310	T	F	JG1006-3307-AL	
338097	84.50	0.50	89.6	145	32.4	37	9.5:1	-14.7	313	T	F	JG1006-3327-AL	
367879	84.00	STD	89.6	145	32.4	37	9.5:1	-14.7	337	Ultra	F	JG1006-3307-AL	
367880	84.50	0.50	89.6	145	32.4	37	9.5:1	-14.7	340	Ultra	F	JG1006-3327-AL	

BMW 2007-2013 M3 S65B40

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .024	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
371714	92.00	STD	75.2	140.72	27.4	52.6	10.5:1	6.0		T	F	JG1001-3622	
371715	92.50	0.50	75.2	140.72	27.4	52.6	10.5:1	5.5		T	F	JG1001-3642	
371716	92.00	STD	75.2	140.72	27.4	52.6	12.5:1	14.7		V	F	JG1001-3622	
371717	92.50	0.50	75.2	140.72	27.4	52.6	12.5:1	14.4		V	F	JG1001-3642	

BMW B38 1.5L 12V 3 Cyl

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .048	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
	82.00	STD	94.6	148.2	33.2	36	10.5:1	-11.1	314	T	F	JG1201-3228	
	83.00	1.00	94.6	148.2	33.2	36	10.5:1	-12.3	317	T	F	JG1201-3268	

BMW B48 2.0L 16V 4 Cyl

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .048	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
384912	82.00	STD	94.6	148.2	33.2	36	9.5:1	-17.4	314	T	F	JG1201-3228	
384913	83.00	1.00	94.6	148.2	33.2	36	9.5:1	-18.7	317	T	F	JG1201-3268	
384914	82.00	STD	94.6	148.2	33.2	36	10.5:1	-11.1	314	T	F	JG1201-3228	
384915	83.00	1.00	94.6	148.2	33.2	36	10.5:1	-12.3	317	T	F	JG1201-3268	

BMW 2015+ B58B30

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .048	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
371718	82.00	STD	94.6	148.2	33.2	36	10.5:1	-11.1	314	T	F	JG1201-3228	
371720	83.00	1.00	94.6	148.2	33.2	36	10.5:1	-12.3	317	T	F	JG1201-3268	

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

CADILLAC / CHEVROLET 2.0L TURBO ECOTEC LTG

These new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower forced induction engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm rings.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
345821	86.00	STD	86.0	152.5	32	46	9.5	-1.3	333	T	F	JG1004-3386	
361352	86.25	0.25	86.0	152.5	32	46	9.5	-1.4	335	T	F	JG1004-3396	
345822	86.50	0.50	86.0	152.5	32	46	9.5	-1.5	336	T	F	JG1004-3405	

SPORT COMPACT

CADILLAC / CHEVROLET 2.7L TURBO L3B

These new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower forced induction engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm rings.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
384672	92.25	STD	102.0	146.7	29.9	59	10.0	-8.9		T	F	JG6201-3630	
384673	92.50	0.25	102.0	146.7	29.9	59	10.0	-9.5		T	F	JG6201-3640	
384674	92.75	0.50	102.0	146.7	29.9	59	10.0	-10.0		T	F	JG6201-3650	

CITROEN C2 VTS KIT CAR

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312388	78.70	0.20	82.0	133.5	28.14		12.2:1	7.6	260	U	R	XC7900	

CITROEN SAXO VTS TU5J4

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
321360	94.20	0.80	84.0	144	32	42.5	8.5:1	-24.0	374	T	F	JG1004-3711	BM1008-079
321361	93.60	0.20	84.0	144	32	42.5	13.0:1	5.8	407	V	F	J60004-3691	BM1008-079
321362	93.80	0.40	84.0	144	32	42.5	13.0:1	5.6	408	V	F	JG1004-3701	BM1008-079
321363	94.00	0.60	84.0	144	32	42.5	13.0:1	5.4	409	V	F	JG1004-3701	BM1008-079
321364	94.20	0.80	84.0	144	32	42.5	13.0:1	5.2	411	V	F	JG1004-3711	BM1008-079

DODGE NEON 1994-01 ECB / ECC / 420A

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
296935	88.00	0.50	83.0	139	31.4	52	8.5:1	-7.0	324	T	F	JG1004-3465	
296936	88.50	1.00	83.0	139	31.4	52	8.5:1	-7.7	326	T	F	JG1004-3484	
242870	88.00	0.50	83.0	139	31.4	52	10.5:1	8.0	347	V	R	JG1004-3465	
242871	88.50	1.00	83.0	139	31.4	52	10.5:1	7.6	351	V	R	JG1004-3484	

DODGE NEON 2003-UP SRT-4 A853 / SRT4

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
296901	87.50	STD	101.0	151	36.37	52	8.5:1	-22.4	324	T	F	JG1004-3445	
296902	88.00	0.50	101.0	151	36.37	52	8.5:1	-23.0	326	T	F	JG1004-3465	
299205	88.50	1.00	101.0	151	36.37	52	8.5:1	-24.0	328	T	F	JG1004-3484	
367882	87.50	STD	101.0	151	36.37	52	9.0:1	-17.3	350	Ultra	F	JG1004-3445	
367883	88.00	0.50	101.0	151	36.37	52	9.0:1	-18.1	353	Ultra	F	JG1004-3465	
367884	88.50	1.00	101.0	151	36.37	52	9.0:1	-18.8	355	Ultra	F	JG1004-3484	

DODGE STEALTH 1990-2001 6G72 DOHC 24V

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
321330	91.10	STD	76.0	141	31.5	43	8.0:1	-15.5	342	T	F	JC2206-3587	
321331	91.50	0.40	76.0	141	31.5	43	8.0:1	-15.8	345	T	F	JG1006-3602	
321332	92.00	0.90	76.0	141	31.5	43	8.0:1	-16.5	347	T	F	JG1006-3622	
321333	91.10	STD	76.0	141	31.5	43	9.0:1	-6.5	355	T	F	JC2206-3587	
321334	91.50	0.40	76.0	141	31.5	43	9.0:1	-6.9	357	T	F	JG1006-3602	
321335	92.00	0.90	76.0	141	31.5	43	9.0:1	-7.5	359	T	F	JG1006-3622	

FERRARI 246 2.4L 2V DOHC V6

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .053	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
362209	93.00	0.50	60.0	118	30.0	50.4	9.0:1	12.8	398		R	JG1006-3661	
362210	93.50	1.00	60.0	118	30.0	50.4	9.0:1	12.4	400		R	JG1006-3681	
362211	94.00	1.50	60.0	118	30.0	50.4	9.0:1	12.0	404		R	JG1006-3701	
362212	93.00	0.50	60.0	118	30.0	50.4	10.0:1	18.5	411		R	JG1006-3661	
362213	93.50	1.00	60.0	118	30.0	50.4	10.0:1	18.1	414		R	JG1006-3681	
362214	94.00	1.50	60.0	118	30.0	50.4	10.0:1	17.7	418		R	JG1006-3701	

FERRARI 250 3.0L 2V SOHC V12

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
362215	73.50	0.50	58.8	112	28.9	44	9.5:1	10.0	235		R	XC7350	
362216	74.00	1.00	58.8	112	28.9	44	9.5:1	9.8	238		R	XC7400	

FERRARI 308 2.9L 2V DOHC V8

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .045	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
362220	81.50	0.50	71.0	137	30.7	41	9.0:1	7.8	300		R	JG1001-3209	
362221	82.00	1.00	71.0	137	30.7	41	9.0:1	7.5	304		R	JG1001-3228	
362222	81.50	0.50	71.0	137	30.7	41	10.0:1	13.0	312		R	JG1001-3209	
362223	82.00	1.00	71.0	137	30.7	41	10.0:1	12.6	314		R	JG1001-3228	

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

FERRARI 308 QUATTROVALVOLE 2.9L 4V DOHC V8

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .045	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
362224	81.50	0.50	71.0	137	30.7	18.5	9.5:1	-12.0			R	JG1001-3209	
362225	82.00	1.00	71.0	137	30.7	18.5	9.5:1	-12.3			R	JG1001-3228	
362226	81.50	0.50	71.0	137	30.7	18.5	10.0:1	-9.5			R	JG1001-3209	
362227	82.00	1.00	71.0	137	30.7	18.5	10.0:1	-9.8			R	JG1001-3228	

SPORT COMPACT

FERRARI 330 COLOMBO 4.0L 2V SOHC V12

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .050	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
362228	77.50	0.50	71.0	137	29.9	48	9.0:1	23.6	266		R	JG1001-3051	
362229	78.00	1.00	71.0	137	29.9	48	9.0:1	23.3	268		R	JG1001-3071	
362230	77.50	0.50	71.0	137	29.9	48	10.0:1	28.2	280		R	JG1001-3051	
362231	78.00	1.00	71.0	137	29.9	48	10.0:1	28.0	282		R	JG1001-3071	

1990 - 1992 FIAT UNO/PUNTO GT 146A

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .069	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312397	80.50	STD	67.4	128.52	33.3	Call	7.8:1	-6.4	285	T	F	XC8050	FT1002-051
312398	81.00	0.50	67.4	128.52	33.3	Call	7.8:1	-6.4	291	T	F	JG1004-3189	FT1002-051
312399	81.50	1.00	67.4	128.52	33.3	Call	7.8:1	-6.4	296	T	F	JG1004-3209	FT1002-051

1990 - 2000 FIAT BRAVA, PUNTO GT, SCUDO, TEMPRA, TIPO 159A

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312394	86.40	STD	67.4	128.52	33.3	Call	9.2:1	-4.4	322	T	F	JG1004-3405	
312395	87.00	0.60	67.4	128.52	33.3	Call	9.2:1	-4.4	328	T	F	JG1004-3425	
312396	87.50	1.10	67.4	128.52	33.3	Call	9.2:1	-4.4	332	T	F	JG1004-3445	

1993 - 1999 FIAT UNO/PUNTO GT 176A

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312400	80.50	STD	67.4	128.52	34.15	Call	7.8:1	-3.7	285	T	F	XC8050	FT1002-051
312401	81.00	0.50	67.4	128.52	34.15	Call	7.8:1	-3.7	292	T	F	JG1004-3189	FT1002-051
312402	81.50	1.00	67.4	128.52	34.15	Call	7.8:1	-3.7	297	T	F	JG1004-3209	FT1002-051

FIAT COUPE 2.0 20V TURBO

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312403	82.00	STD	75.7	145	32.8	Call	8.0:1	-8.0	294	T	F	JG1001-3228	
312404	82.50	0.50	75.7	145	32.8	Call	8.0:1	-8.0	300	T	F	JG1001-3250	
312405	83.00	1.00	75.7	145	32.8	Call	8.0:1	-8.0	305	T	F	JG1001-3268	

FORD 2010-2017 GEN 1 3.5L V6 ECOBOOST

These new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower forced induction engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm rings.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
315146	92.50	STD	86.7	152.75	31.5	56	9.0:1	-8.6	385	T	F	JG1006-3642	
315147	92.75	0.25	86.7	152.75	31.5	56	9.0:1	-8.9	387	T	F	JG1006-3652	
315148	93.00	0.50	86.7	152.75	31.5	56	9.0:1	-9.3	390	T	F	JG1006-3661	
367885	92.50	STD	86.7	152.75	31.5	56	10.0:1	0.5	401	Ultra	F	JG6201-3640	
367886	92.65	0.15	86.7	152.75	31.5	56	10.0:1	0.4	403	Ultra	F	JG6201-3650	
367887	92.75	0.25	86.7	152.75	31.5	56	10.0:1	0.3	406	Ultra	F	JG6201-3650	
315149	92.50	STD	86.7	152.75	31.5	56	10.0:1	-0.5	398	T	F	JG1006-3642	
315150	92.75	0.25	86.7	152.75	31.5	56	10.0:1	-0.8	402	T	F	JG1006-3652	
315151	93.00	0.50	86.7	152.75	31.5	56	10.0:1	-1.1	406	T	F	JG1006-3661	

FORD 2017+ GEN 2 3.5L V6 ECOBOOST

These new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower forced induction engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm rings.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
360928	92.50	STD	86.7	152.75	31.5	43	10.0:1	-12.5	385	T	F	JG1006-3642	
360929	92.63	0.13	86.7	152.75	31.5	43	10.0:1	-12.7	387	T	F	JG1006-3652	
360930	92.75	0.25	86.7	152.75	31.5	43	10.0:1	-12.9	390	T	F	JG1006-3652	
360931	93.00	0.50	86.7	152.75	31.5	43	10.0:1	-13.1	392	T	F	JG1006-3661	
367888	92.50	STD	86.7	152.75	31.5	43	10.0:1	-12.5		Ultra	F	JG6201-3640	
367889	92.65	0.15	86.7	152.75	31.5	43	10.0:1	-12.7		Ultra	F	JG6201-3650	
367890	92.75	0.25	86.7	152.75	31.5	43	10.0:1	-12.9		Ultra	F	JG6201-3650	
360932	92.50	STD	86.7	152.75	31.5	43	10.5:1	-9.1		T	F	JG1006-3642	
360933	92.63	0.13	86.7	152.75	31.5	43	10.5:1	-9.3		T	F	JG1006-3652	
360934	92.75	0.25	86.7	152.75	31.5	43	10.5:1	-9.4		T	F	JG1006-3652	
360935	93.00	0.50	86.7	152.75	31.5	43	10.5:1	-9.7		T	F	JG1006-3661	

FORD 1.6L ECOBOOST

These new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower forced induction engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm rings.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
371779	79.00	STD	81.4	134.00	28.7	34	10.0:1	-5.5	266	T	F	JG1001-3110	FD1021-039
371780	79.50	0.50	81.4	134.00	28.7	34	10.0:1	-5.9	269	T	F	JG1001-3130	FD1021-039
371781	80.00	1.00	81.4	134.00	28.7	34	10.0:1	-6.4	273	T	F	JG1001-3150	FD1021-039

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

FORD 2.0L ECOBOOST

These new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower forced induction engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm rings.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
371721	87.50	STD	83.1	155.85	32.8	45	9.5:1	-5.6	341	T	F	JG1001-3445	FD1023-049
371722	88.00	0.50	83.1	155.85	32.8	45	9.5:1	-6.2	344	T	F	JG1001-3465	FD1023-049
371723	88.50	1.00	83.1	155.85	32.8	45	9.5:1	-6.8	347	T	F	JG1001-3484	FD1023-049

FORD 2.3L ECOBOOST

These new pistons utilize a dedicated Forged Side Relief (FSR) forging that was specifically designed for high horsepower forced induction engines. In addition we have found ways to reduce weight and maintain the durability needed for both street and racing use. Lightweight and extremely durable, these pistons are machined for 1.0mm, 1.2mm, 2.8mm rings.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
337924	87.50	STD	94.0	149.20	33.0	53	9.5:1	-6.4	359	T	F	JG1004-3445	
337925	88.00	0.50	94.0	149.20	33.0	53	9.5:1	-7.6	362	T	F	JG1004-3465	
337926	88.50	1.00	94.0	149.20	33.0	53	9.5:1	-8.2	360	T	F	JG1004-3484	

FORD 2000-UP ZX3 ZETEC

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
298715	85.00	0.18	88.0	139.2	29.75	48	9.0:1	-8.0	304	T	F	JG1004-3346	FD1020-039
298716	85.50	0.68	88.0	139.2	29.75	48	9.0:1	-8.8	306	T	F	JG1004-3366	FD1020-039
298717	85.00	0.18	88.0	139.2	29.75	48	11.0:1	5.0	323	V	F	JG1004-3346	FD1020-039
298718	85.50	0.68	88.0	139.2	29.75	48	11.0:1	4.5	325	V	F	JG1004-3366	FD1020-039

FORD SIERRA COSWORTH N5B (YB)

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
322459	90.82	STD	76.9	128.5	40.75	45	8.0:1	-20.0	376	T	F	JG1004-3583	FD1007-039
322460	91.00	0.18	76.9	128.5	40.75	45	8.0:1	-20.0	378	T	F	JG1004-3583	FD1007-039
322461	91.50	0.68	76.9	128.5	40.75	45	8.0:1	-20.0	384	T	F	JG1004-3602	FD1007-039
322462	92.00	1.18	76.9	128.5	40.75	45	8.0:1	-20.0	387	T	F	JG1004-3622	FD1008-045
322463	92.50	1.68	76.9	128.5	40.75	45	8.0:1	-20.0	390	T	F	JG1004-3642	FD1008-045
322464	93.00	2.18	76.9	128.5	40.75	45	8.0:1	-20.0	393	T	F	JG1004-3661	FD1009-045
322465	93.50	2.68	76.9	128.5	40.75	45	8.0:1	-20.0	396	T	F	JG1004-3681	FD1009-045
322466	94.00	3.18	76.9	128.5	40.75	45	8.0:1	-20.0	400	T	F	JG1004-3701	FD1009-045

FORD FOCUS ST 2.5L 20V TURBO

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312414	83.00	STD	93.2	143	28.4	51	8.5:1	-7.2	282	T	F	JG1001-3268	
312415	83.50	0.50	93.2	143	28.4	51	8.5:1	-7.2	285	T	F	JG1001-3287	
312416	84.00	1.00	93.2	143	28.4	51	8.5:1	-7.2	289	T	F	JG1001-3307	

HYUNDAI 2013+ GAMMA GDi 1.6 TURBO

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .020	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
361285	77.00	STD	85.4	130.7	27.9	34	9.5:1	-8.2	249	T	R	JG1004-3031	
361286	77.50	0.50	85.4	130.7	27.9	34	9.5:1	-8.7	249	T	R	JG1004-3051	

HYUNDAI GENESIS 2.0 THETA

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
298946	86.00	STD	86.0	146	30	50.5	9.0:1	-5.5	304	T	F	JG1004-3386	MI1005-039
361353	86.25	0.25	86.0	146	30	50.5	9.0:1	-5.9	305	T	F	JG1004-3396	MI1005-039
298947	86.50	0.50	86.0	146	30	50.5	9.0:1	-6.2	306	T	F	JG1004-3405	MI1005-039

HYUNDAI GENESIS 3.8 V6 - COUPE ONLY

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. ***Deck Clearance is -0.015***

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
299815	96.00	STD	87.0	149.6	31.55	47.5	9.0:1	-23.2	382	T	R	JC2806-3780	
299816	96.50	0.50	87.0	149.6	31.55	47.5	9.0:1	-24.0	387	T	R	JC2806-3799	

LAMBORGHINI - 2003-2008 GALLARDO V10 5.0L

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .069	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
308177	82.50	STD	92.8	154.00	27.6	46	9.0:1	-11.2	268	T	F	XC8255	

LAMBORGHINI - 2009 + GALLARDO V10 / AUDI R8 V10 5.2L FSI

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .069	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
308178	84.50	STD	92.8	154.00	27.6	46	9.0:1	-14.0	284	T	F	XC8450	
361280	85.00	0.50	92.8	154.00	27.6	46	9.0:1	-14.6		T	F	XC8500	
361281	84.50	STD	92.8	154.00	27.6	46	10.5:1	-3.7		T	F	XC8450	
361282	85.00	0.50	92.8	154.00	27.6	46	10.5:1	-4.7		T	F	XC8500	

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

LANCIA DELTA INTEGRALE EVO 16V

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .069	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312418	84.00	STD	90.0	145	39.65	42.7	8.0:1	-25.3	338	T	F	JG1004-3307	FT1003-063
312419	84.20	0.20	90.0	145	39.65	42.7	8.0:1	-25.3	339	T	F	JG1004-3327	FT1003-063
312420	84.40	0.40	90.0	145	39.65	42.7	8.0:1	-25.3	338	T	F	JG1004-3327	FT1003-063
312421	84.60	0.60	90.0	145	39.65	42.7	8.0:1	-25.3	343	T	F	JG1004-3327	FT1003-063
312422	84.80	0.80	90.0	145	39.65	42.7	8.0:1	-25.3	344	T	F	JG1004-3346	FT1003-063
351873	85.00	1.00	90.0	145	39.65	42.7	8.0:1	-25.3	347	T	F	JG1004-3346	FT1005-063
326411	84.00	STD	90.0	145	39.65	42.7	9.0:1	-13.5	353	T	F	JG1004-3307	FT1003-063
326412	84.20	0.20	90.0	145	39.65	42.7	9.0:1	-13.8	355	T	F	JG1004-3327	FT1003-063
326413	84.40	0.40	90.0	145	39.65	42.7	9.0:1	-14.0	357	T	F	JG1004-3327	FT1003-063
326414	84.60	0.60	90.0	145	39.65	42.7	9.0:1	-14.3	359	T	F	JG1004-3327	FT1003-063
326415	84.80	0.80	90.0	145	39.65	42.7	9.0:1	-14.6	361	T	F	JG1004-3346	FT1003-063
351874	85.00	1.00	90.0	145	39.65	42.7	9.0:1	-14.9	363	T	F	JG1004-3346	FT1005-063

MAZDA MIATA 1994-2005 BP 1.8 LITER

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
255773	83.50	0.50	85.0	132.95	30.6	50	9.0:1	-2.0	294	T	R	JG1004-3287	
255774	84.00	1.00	85.0	132.95	30.6	50	9.0:1	-2.7	301	T	R	JG1004-3307	
255775	84.50	1.50	85.0	132.95	30.6	50	9.0:1	-3.4	307	T	R	JG1004-3327	

2002-2006 MINI COOPER S

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312423	77.00	STD	85.8	131.5	26.5	33	8.3:1	-1.0	238	T	R	XC7700	
312424	77.25	0.25	85.8	131.5	26.5	33	8.3:1	-1.0	241	T	R	JG0004-3051	
312425	77.50	0.50	85.8	131.5	26.5	33	8.3:1	-1	243	T	R	JG0004-3051	

MITSUBISHI 1988-92 ECLIPSE / TALON / EVO 4G63 21MM PIN (6 BOLT)

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
208478	85.50	0.50	88.0	150	34.72	47	8.5:1	-13.2	317	T	R	JG2704-3366	
253995	86.00	1.00	88.0	150	34.72	47	8.5:1	-14.0	319	T	R	JG2804-3386	
270665	85.50	0.50	100.0	150	28.7	47	8.5:1	-22.0	285	T	R	JG1004-3366	
270668	86.00	1.00	100.0	150	28.7	47	8.5:1	-22.0	292	T	R	JG1004-3386	

MITSUBISHI 1993-99 ECLIPSE / TALON / 4G63 22MM PIN

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. **** Will not work on 2001-2007 Mitsubishi Evolution Engines***

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
297511	85.50	0.50	88.0	150	34.72	47	8.5:1	-13.2	311	T	F	JG1004-3366	
297512	86.00	1.00	88.0	150	34.72	47	8.5:1	-14.0	313	T	F	JG1004-3386	
302951	85.00	STD	88.0	150	34.72	47	10.0:1	-2.1/FT	313	T	F	JG1004-3346	
302952	85.50	0.50	88.0	150	34.72	47	10.0:1	-2.1/FT	315	T	F	JG1004-3366	
302953	86.00	1.00	88.0	150	34.72	47	10.0:1	-2.1/FT	317	T	F	JG1004-3386	
297506	85.50	0.50	100.0	150	28.7	47	8.5:1	-22.0	276	T	F	JG1004-3366	
297507	86.00	1.00	100.0	150	28.7	47	8.5:1	-23.3	278	T	F	JG1004-3386	

MITSUBISHI 2001-2007 EVOLUTION VII-IX / 4G63 22MM PIN

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. **** Will not work on 2001-2007 Mitsubishi Evolution Engines ** Gaskets for EVO IV-VIII Only***

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
297050	85.00	STD	88.0	150	34.7	43.5	9.0:1	-12.5	303	T	F	JG1004-3346	MI1000-039
297051	85.50	0.50	88.0	150	34.7	43.5	9.0:1	-13.3	306	T	F	JG1004-3366	MI1001-039
297052	86.00	1.00	88.0	150	34.7	43.5	9.0:1	-14	309	T	F	JG1004-3386	MI1001-039
361287	85.00	STD	88.0	150	34.7	43.5	10.0:1	-5.0	324	Ultra	F	JG1004-3346	MI1000-039
361288	85.50	0.50	88.0	150	34.7	43.5	10.0:1	-5.5	326	Ultra	F	JG1004-3366	MI1001-039
361289	86.00	1.00	88.0	150	34.7	43.5	10.0:1	-6.0	330	Ultra	F	JG1004-3386	MI1001-039
297007	85.00	STD	88.0	150	34.7	43.5	10.5:1	-2.1/FT	313	T	F	JG1004-3346	MI1000-039
297008	85.50	0.50	88.0	150	34.7	43.5	10.5:1	-2.1/FT	315	T	F	JG1004-3366	MI1001-039
297009	86.00	1.00	88.0	150	34.7	43.5	10.5:1	-2.1/FT	317	T	F	JG1004-3386	MI1001-039
297478	85.00	STD	94.0	150	31.7	43.5	9.0:1	-17.1	293	T	F	JG1004-3346	MI1000-039
297479	85.50	0.50	94.0	150	31.7	43.5	9.0:1	-17.9	296	T	F	JG1004-3366	MI1001-039
297480	86.00	1.00	94.0	150	31.7	43.5	9.0:1	-18.6	299	T	F	JG1004-3366	MI1001-039
297047	85.00	STD	100.0	150	28.7	43.5	9.0:1	-21.7	268	T	F	JG1004-3346	MI1000-039
297048	85.50	0.50	100.0	150	28.7	43.5	9.0:1	-22	272	T	F	JG1004-3366	MI1001-039
297049	86.00	1.00	100.0	150	28.7	43.5	9.0:1	-23.3	274	T	F	JG1004-3386	MI1001-039
361290	85.00	STD	100.0	150	28.7	43.5	10.0:1	-12.5	287	Ultra	F	JG1004-3346	MI1000-039
361291	85.50	0.50	100.0	150	28.7	43.5	10.0:1	-13.2	289	Ultra	F	JG1004-3366	MI1001-039
361292	86.00	1.00	100.0	150	28.7	43.5	10.0:1	-13.9	293	Ultra	F	JG1004-3386	MI1001-039

MITSUBISHI 4G64 WITH 4G63 HEAD 22MM PIN

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.
****Oil squirter modification needed for Asymmetrical FSR **Squirter can be bent or locating pin removed for clearance. Please make sure to check Rod to Oil Squirter clearance when relocating oil squirter***

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
352360	87.00	0.50	100.0	150	34.72	47	8.5:1	-24.0	314	T	R	JG1004-3425	
352361	87.50	1.00	100.0	150	34.72	47	8.5:1	-24.9	322	T	R	JG1004-3445	

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

MITSUBISHI 2007-UP EVO X 4B11T

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
296904	86.00	STD	86.0	143.75	33.35	50.5	9.0:1	-5.5	320	T	F	JG1004-3386	MI1005-039
361293	86.25	0.25	86.0	143.75	33.35	50.5	9.0:1	-5.8		T	F	JG1004-3396	MI1005-039
296905	86.50	0.50	86.0	143.75	33.35	50.5	9.0:1	-6.2	324	T	F	JG1004-3405	MI1005-039
317836	87.00	1.00	86.0	143.75	33.35	50.5	9.0:1	-6.8	328	T	F	JG1004-3425	MI1005-039
317837	88.00	2.00	86.0	143.75	33.35	50.5	9.0:1	-8.2	336	T	F	JG1004-3465	MI1005-039
317839	89.00	3.00	86.0	143.75	33.35	50.5	9.0:1	-9.5	350	T	F	JG1004-3543	MI1005-039
317838	90.00	4.00	86.0	143.75	33.35	50.5	9.0:1	-10.9	344	T	F	JG1004-3504	MI1005-039
361295	86.00	STD	86.0	143.75	33.35	50.5	10.0:1	1.4	371	Ultra	F	JG1004-3386	MI1005-039
361296	86.50	0.50	86.0	143.75	33.35	50.5	10.0:1	0.8	373	Ultra	F	JG1004-3405	MI1005-039
361297	87.00	1.00	86.0	143.75	33.35	50.5	10.0:1	0.2	376	Ultra	F	JG1004-3425	MI1005-039
317840	86.00	STD	86.0	143.75	33.35	50.5	10.0:1	1.4	338	T	F	JG1004-3386	MI1005-039
361294	86.25	0.25	86.0	143.75	33.35	50.5	10.0:1	1.1		T	F	JG1004-3396	MI1005-039
317841	86.50	0.50	86.0	143.75	33.35	50.5	10.0:1	0.8	342	T	F	JG1004-3405	MI1005-039
317842	87.00	1.00	86.0	143.75	33.35	50.5	10.0:1	0.2	348	T	F	JG1004-3425	MI1005-039
317843	88.00	2.00	86.0	143.75	33.35	50.5	10.0:1	-1.0	354	T	F	JG1004-3465	MI1005-039
317844	89.00	3.00	86.0	143.75	33.35	50.5	10.0:1	-2.1	360	T	F	JG1004-3504	MI1005-039
317845	90.00	4.00	86.0	143.75	33.35	50.5	10.0:1	-3.3	366	T	F	JG1004-3543	MI1005-039

MITSUBISHI 1990-2001 6G72 DOHC 24V

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
321330	91.10	STD	76.0	141	31.5	43	8.0:1	-15.5	342	T	F	JC2206-3587	
321331	91.50	0.40	76.0	141	31.5	43	8.0:1	-15.8	345	T	F	JG1006-3602	
321332	92.00	0.90	76.0	141	31.5	43	8.0:1	-16.5	347	T	F	JG1006-3622	
321333	91.10	STD	76.0	141	31.5	43	9.0:1	-6.5	355	T	F	JC2206-3587	
321334	91.50	0.40	76.0	141	31.5	43	9.0:1	-6.9	357	T	F	JG1006-3602	
321335	92.00	0.90	76.0	141	31.5	43	9.0:1	-7.5	359	T	F	JG1006-3622	

NISSAN 1982-1991 CA18DET

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
302299	83.00	STD	83.6	133	30	51	8.5:1	FT	293	T	F	JG1004-3268	
302300	83.50	0.50	83.6	133	30	51	8.5:1	FT	295	T	F	JG1004-3287	
302301	84.00	1.00	83.6	133	30	51	8.5:1	FT	297	T	F	JG1004-3307	

NISSAN FJ20

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
317882	89.00	STD	80.0	140	32	49.5	8.5:1	-10	327	T	F	JG1004-3504	
317883	89.50	0.50	80.0	140	32	49.5	8.5:1	-10.7	330	T	F	JG1004-3524	
317884	90.00	1.00	80.0	140	32	49.5	8.5:1	-11.4	333	T	F	JG1004-3543	
317885	89.00	STD	80.0	140	32	49.5	9.5:1	-2.2	343	T	F	JG1004-3504	
317886	89.50	0.50	80.0	140	32	49.5	9.5:1	-2.8	346	T	F	JG1004-3524	
317887	90.00	1.00	80.0	140	32	49.5	9.5:1	-3.4	349	T	F	JG1004-3543	

NISSAN SENTRA/200SX SE-R, SILVIA, 180SX & BLUEBIRD SR20DET

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
361302	86.00	STD	86.0	136.25	31.83	46.5	8.5:1	-13.0	318	Ultra	F	JG1004-3386	
361303	86.50	0.50	86.0	136.25	31.83	46.5	8.5:1	-13.6	320	Ultra	F	JG1004-3405	
361304	87.00	1.00	86.0	136.25	31.83	46.5	8.5:1	-14.3	322	Ultra	F	JG1004-3425	
298727	86.00	STD	86.0	136.25	31.83	46.5	8.5:1	-11.3	308	T	F	JG1004-3386	
361298	86.25	0.25	86.0	136.25	31.83	46.5	8.5:1	-11.5		T	F	JG1004-3396	
298728	86.50	0.50	86.0	136.25	31.83	46.5	8.5:1	-11.8	313	T	F	JG1004-3405	
298729	87.00	1.00	86.0	136.25	31.83	46.5	8.5:1	-12.4	316	T	F	JG1004-3425	
317917	88.00	2.00	86.0	136.25	31.83	46.5	8.5:1	-14.1	320	T	F	JG1004-3465	
317918	89.00	3.00	86.0	136.25	31.83	46.5	8.5:1	-15.5	326	T	F	JG1004-3504	
317919	90.00	4.00	86.0	136.25	31.83	46.5	8.5:1	-16.9	330	T	F	JG1004-3543	
361305	86.00	STD	86.0	136.25	31.83	46.5	10.0:1	-2.0	331	Ultra	F	JG1004-3386	
361306	86.50	0.50	86.0	136.25	31.83	46.5	10.0:1	-2.4	333	Ultra	F	JG1004-3405	
361307	87.00	1.00	86.0	136.25	31.83	46.5	10.0:1	-3.0	335	Ultra	F	JG1004-3425	
309212	86.00	STD	86.0	136.25	31.83	46.5	10.0:1	-2.0	313	T	F	JG1004-3386	
361299	86.25	STD	86.0	136.25	31.83	46.5	10.0:1	-2.2				JG1004-3396	
309213	86.50	0.50	86.0	136.25	31.83	46.5	10.0:1	-2.4	315	T	F	JG1004-3405	
309214	87.00	1.00	86.0	136.25	31.83	46.5	10.0:1	-3.0	317	T	F	JG1004-3425	
317920	88.00	2.00	86.0	136.25	31.83	46.5	10.0:1	-3.6	324	T	F	JG1004-3465	
317921	89.00	3.00	86.0	136.25	31.83	46.5	10.0:1	-4.7	330	T	F	JG1004-3504	
317922	90.00	4.00	86.0	136.25	31.83	46.5	10.0:1	-5.9	336	T	F	JG1004-3543	

NISSAN SR20VE/ SR20VET

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. ***Fits N1 Camshafts and Designed for 1mm oversized valves***

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .048	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
318012	86.00	STD	86.0	136.25	32	41.8	9.0:1	-12.9	309	T	F	JG1004-3386	
361300	86.25	0.25	86.0	136.25	32	41.8	9.0:1	-13.3		T	F	JG1004-3396	
318013	86.50	0.50	86.0	136.25	32	41.8	9.0:1	-13.6	314	T	F	JG1004-3405	
318014	87.00	1.00	86.0	136.25	32	41.8	9.0:1	-14.2	319	T	F	JG1004-3425	
318015	88.00	2.00	86.0	136.25	32	41.8	9.0:1	-15.5	325	T	F	JG1004-3465	
318016	89.00	3.00	86.0	136.25	32	41.8	9.0:1	-16.9	330	T	F	JG1004-3504	
318017	90.00	4.00	86.0	136.25	32	41.8	9.0:1	-18.2	335	T	F	JG1004-3543	
367892	86.00	STD	86.0	136.25	32	41.8	9.0:1	-12.9	320	Ultra	F	JG1004-3386	
367893	86.25	0.25	86.0	136.25	32	41.8	9.0:1	-13.3	322	Ultra	F	JG1004-3396	
367894	86.50	0.50	86.0	136.25	32	41.8	9.0:1	-13.6	324	Ultra	F	JG1004-3405	
367895	87.00	1.00	86.0	136.25	32	41.8	9.0:1	-14.2	326	Ultra	F	JG1004-3425	
318018	86.00	STD	86.0	136.25	32	41.8	12.5:1	6.0	318	V	F	JG1004-3386	
361301	86.25	0.25	86.0	136.25	32	41.8	12.5:1	5.8		V	F	JG1004-3396	
318019	86.50	0.50	86.0	136.25	32	41.8	12.5:1	5.6	320	V	F	JG1004-3405	
318020	87.00	1.00	86.0	136.25	32	41.8	12.5:1	5.2	321	V	F	JG1004-3425	
318021	88.00	2.00	86.0	136.25	32	41.8	12.5:1	4.4	331	V	F	JG1004-3465	
318022	89.00	3.00	86.0	136.25	32	41.8	12.5:1	3.5	330	V	F	JG1004-3504	
318023	90.00	4.00	86.0	136.25	32	41.8	12.5:1	2.6	340	V	F	JG1004-3543	

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

NISSAN 1991-98 240SX KA24DE

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
317924	89.00	STD	96.0	165	33.95	46	9.0:1	-21.8	329	T	F	JG1004-3504	
317925	89.50	0.50	96.0	165	33.95	46	9.0:1	-22.6	335	T	F	JG1004-3524	
317926	90.00	1.00	96.0	165	33.95	46	9.0:1	-23.3	341	T	F	JG1004-3543	
317927	89.00	STD	96.0	165	33.95	46	10.0:1	-13.5	333	T	F	JG1004-3504	
317928	89.50	0.50	96.0	165	33.95	46	10.0:1	-14.2	339	T	F	JG1004-3524	
317929	90.00	1.00	96.0	165	33.95	46	10.0:1	-14.9	345	T	F	JG1004-3543	
317930	89.00	STD	96.0	165	33.95	46	11.5:1	-4.0	344	V	F	JG1004-3504	
317931	89.50	0.50	96.0	165	33.95	46	11.5:1	-4.6	350	V	F	JG1004-3524	
317932	90.00	1.00	96.0	165	33.95	46	11.5:1	-5.1	356	V	F	JG1004-3543	

NISSAN 2002-UP SENTRA SE-R QR25DE

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
291879	89.00	STD	100.0	143	32	55	9.0:1	-15.4	348	T	R	JG1004-3504	
291880	89.50	0.50	100.0	143	32	55	9.0:1	-16.1	351	T	R	JG1004-3504	
291881	89.00	STD	100.0	143	32	55	10.8:1	-0.6	338	V	R	JG1004-3524	
291882	89.50	0.50	100.0	143	32	55	10.9:1	-0.6	344	V	R	JG1004-3524	

NISSAN 1990-1996 300ZX VG30DE(TT)

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
322287	87.00	STD	83.1	154.2	31.88	49.5	9.0:1	-4.9	314	T	F	JG1006-3425	
322289	87.50	0.50	83.1	154.2	31.88	49.5	9.0:1	-5.5	316	T	F	JG1006-3445	
322288	87.00	STD	83.1	154.2	31.88	49.5	11.0:1	7.4	326	V	F	JG1006-3425	
322290	87.50	0.50	83.1	154.2	31.88	49.5	11.0:1	7.0	328	V	F	JG1006-3445	

NISSAN R32-R34 SKYLINE RB25DET

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .048	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
361310	86.00	STD	71.7	121.5	31	62.5	8.5:1	15.5		T	F	JG1006-3386	
361311	86.25	0.25	71.7	121.5	31	62.5	8.5:1	15.3		T	F	JG1006-3396	
361312	86.50	0.50	71.7	121.5	31	62.5	8.5:1	15.0		T	F	JG1006-3405	
361313	87.00	1.00	71.7	121.5	31	62.5	8.5:1	14.5		T	F	JG1006-3425	

NISSAN R32-R34 SKYLINE RB26DETT

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .048	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
345617	86.00	STD	73.7	121.5	30.1	64.5	8.5:1	15.3	351	T	R	JG2806-3386	NI1000-059
209849	86.50	0.50	73.7	121.5	30.1	64.5	8.5:1	15.3	355	T	R	JC2106-3406	NI1000-059
209855	87.00	1.00	73.7	121.5	30.1	64.5	8.5:1	15.3	360	T	R	JC2106-3425	NI1000-059

NISSAN 2003-UP 350Z & G35 VQ35DE

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
321249	95.50	STD	81.4	144.2	29.6	56	8.5:1	-12.6	372	T	F	JG1006-3760	
321250	96.00	0.50	81.4	144.2	29.6	56	8.5:1	-13.4	376	T	F	JG1006-3780	
321251	95.50	STD	81.4	144.2	29.6	56	10.0:1	0.3	394	T	F	JG1006-3760	
321252	96.00	0.50	81.4	144.2	29.6	56	10.0:1	-0.2	396	T	F	JG1006-3780	
321253	95.50	STD	81.4	144.2	29.6	56	11.5:1	9.6	402	V	F	JG1006-3760	
321254	96.00	0.50	81.4	144.2	29.6	56	11.5:1	9.0	404	V	F	JG1006-3780	

NISSAN 2007-2012 VQ35HR

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. ***Deck Clearance is -0.020***

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .026	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
321257	95.50	STD	81.4	151.8	30.4	56	8.5:1	-13.0	371	T	F	JG1006-3760	
321258	96.00	0.50	81.4	151.8	30.4	56	8.5:1	-13.7	374	T	F	JG1006-3780	
321259	95.50	STD	81.4	151.8	30.4	56	10.0:1	0.1	395	T	F	JG1006-3760	
321260	96.00	0.50	81.4	151.8	30.4	56	10.0:1	-0.6	398	T	F	JG1006-3780	
321261	95.50	STD	81.4	151.8	30.4	56	11.5:1	9.2	409	V	F	JG1006-3760	
321262	96.00	0.50	81.4	151.8	30.4	56	11.5:1	8.7	411	V	F	JG1006-3780	

NISSAN 2007-UP VQ37VHR

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. ***Deck Clearance is -0.022***

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .026	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
321263	95.50	STD	86.0	149.4	30.4	50.5	8.5:1	-22.6	383	T	F	JG1006-3760	
321264	96.00	0.50	86.0	149.4	30.4	50.5	8.5:1	-23.3	386	T	F	JG1006-3780	
321265	95.50	STD	86.0	149.4	30.4	50.5	10.0:1	-8.8	415	T	F	JG1006-3760	
321266	96.00	0.50	86.0	149.4	30.4	50.5	10.0:1	-9.5	420	T	F	JG1006-3780	
321267	95.50	STD	86.0	149.4	30.4	50.5	11.5:1	1.0	431	V	F	JG1006-3760	
321268	96.00	0.50	86.0	149.4	30.4	50.5	11.5:1	0.4	433	V	F	JG1006-3780	

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

NISSAN 2008-UP GTR VR38DETT

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Deck Clearance is -0.010 ** NI1004-037 = Left Bank Gasket / NI1005-037 = Right Bank Gasket

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .030	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
321269	95.50	STD	88.4	165	34.3	64.25	9.0	-7.2	411	T	F	JG1006-3760	NI1004-037/NI1005-037
321270	95.50	STD	88.4	165	34.3	64.25	10.0:1	1.6	430	T	F	JG1006-3760	NI1004-037/NI1005-037
321271	95.50	STD	94.4	165	31.3	64.25	9.0:1	-12.6	390	T	F	JG1006-3760	NI1004-037/NI1005-037
321272	95.50	STD	94.4	165	31.3	64.25	10.0:1	-3.2	412	T	F	JG1006-3760	NI1004-037/NI1005-037

NISSAN TB48DE

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. ***Deck Clearance is -0.030" on all parts except for +23.8cc parts which are -0.010" deck clearance***

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .048	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
327828	99.50	STD	102	163.5	40.25	89	8.5:1	-0.8	473	T	R	JG1006-3917	NI1006-047
327829	100.00	0.5	102	163.5	40.25	89	8.5:1	-1.8	477	T	R	JG1006-3937	NI1006-047
327830	100.50	1.0	102	163.5	40.25	89	8.5:1	-2.7	482	T	R	JG1006-3957	NI1006-047
327831	99.50	STD	102	163.5	40.25	89	10.0:1	16.8	496	T	R	JG1006-3917	NI1006-047
327832	100.00	0.5	102	163.5	40.25	89	10.0:1	16.0	499	T	R	JG1006-3937	NI1006-047
327833	100.50	1.0	102	163.5	40.25	89	10.0:1	15.3	503	T	R	JG1006-3957	NI1006-047
327834	99.50	STD	102	163.5	40.75	89	11.2:1	23.8	498	V	R	JG1006-3917	NI1006-047
327835	100.00	0.5	102	163.5	40.75	89	11.3:1	23.8	502	V	R	JG1006-3937	NI1006-047
327836	100.50	1.0	102	163.5	40.75	89	11.4:1	23.8	506	V	R	JG1006-3957	NI1006-047
327837	99.50	STD	108	163.5	37.25	89	8.5:1	-7.0	452	T	R	JG1006-3917	NI1006-047
327838	100.00	0.5	108	163.5	37.25	89	8.5:1	-8.0	457	T	R	JG1006-3937	NI1006-047
327839	100.50	1.0	108	163.5	37.25	89	8.5:1	-8.8	461	T	R	JG1006-3957	NI1006-047
327840	99.50	STD	108	163.5	37.25	89	10.0:1	11.6	466	T	R	JG1006-3917	NI1006-047
327841	100.00	0.5	108	163.5	37.25	89	10.0:1	11.0	470	T	R	JG1006-3937	NI1006-047
327842	100.50	1.0	108	163.5	37.25	89	10.0:1	10.0	475	T	R	JG1006-3957	NI1006-047
327843	99.50	STD	108	163.5	37.25	89	11.3:1	23.8	471	V	R	JG1006-3917	NI1006-047
327844	100.00	0.5	108	163.5	37.25	89	11.4:1	23.8	474	V	R	JG1006-3937	NI1006-047
327845	100.50	1.0	108	163.5	37.25	89	11.5:1	23.8	477	V	R	JG1006-3957	NI1006-047

NISSAN/INFINITI 2004+ VK56DE

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .030	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
371790	98.00	STD	92.0	154.45	31.5	56	9.5:1	-17.3	422	T	F	XH9800	
371791	99.00	1.00	92.0	154.45	31.5	56	9.5:1	-18.9	424	T	F	JG6001-3905	
371792	98.00	STD	92.0	154.45	31.5	56	11.0:1	-5.1	434	V	F	XH9800	
371793	99.00	1.00	92.0	154.45	31.5	56	11.0:1	-6.4	436	V	F	JG6001-3905	

NISSAN/INFINITI 2010-UP VK56VD DIRECT INJECTION

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .030	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
371794	98.00	STD	92.0	154.45	31.5	54.5	9.5:1	-18.9		T	F	XH9800	
371795	99.00	1.00	92.0	154.45	31.5	54.5	9.5:1	-20.4		T	F	JG6001-3905	
371796	98.00	STD	92.0	154.45	31.5	54.5	11.0:1	-6.6		T	F	XH9800	
371797	99.00	1.00	92.0	154.45	31.5	54.5	11.0:1	-7.9		T	F	JG6001-3905	

NISSAN/INFINITI 2016-UP VR30DDTT

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .030	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
346348	86.00	STD	86.0	151.75	29.4		10.2:1	-3	411	T	F	JG1006-3386	

OPEL ASTRA, CORSA, TIGRA, VECTRA 1.6L GSI 16V X16EX/X16EXL

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .050	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312426	79.0	STD	81.5	129.75	28.2	34.5	11.5:1	3.2	253	U	R	XG7900	OP1002-039
312427	79.5	0.50	81.5	129.75	28.2	34.5	11.5:1	2.9	258	U	R	XG7950	OP1002-039
312428	80.0	1.00	81.5	129.75	28.2	34.5	11.5:1	2.5	260	U	R	XC8000	

OPEL ASTRA, CALIBRA, KADETT, VECTRA GSI 2.0L 16V C20XE / C20LE / C20LET

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
298736	86.00	STD	86.0	143.1	30.5	44	8.5:1	-16.2	306	T	F	JG1004-3386	OP1004-051
361355	86.25	0.25	86.0	143.1	30.5	44	8.5:1	-16.6	307	T	F	JG1004-3396	OP1004-051
298737	86.50	0.50	86.0	143.1	30.5	44	8.5:1	-16.9	308	T	F	JG1004-3405	OP1004-051
298738	87.00	1.00	86.0	143.1	30.5	44	8.5:1	-17.6	310	T	F	JG1004-3425	OP1004-051
312429	87.50	1.50	86.0	143.1	30.5	44	8.5:1	-17.6	317	T	F	JG1004-3445	
298740	86.00	STD	86.0	143.1	30.5	44	10.5:1	-2.2	306	V	F	JG1004-3386	OP1004-051
361356	86.25	0.25	86.0	143.1	30.5	44	10.5:1	-2.5	307	T	F	JG1004-3396	
298741	86.50	0.50	86.0	143.1	30.5	44	10.5:1	-2.7	308	V	F	JG1004-3405	OP1004-051
298739	87.00	1.00	86.0	143.1	30.5	44	10.5:1	-3.3	310	V	F	JG1004-3425	OP1004-051

PEUGEOT 205 1.6 8V XU5JA

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312435	83.00	STD	73.0	150.5	38.25		12.0:1	FT	335	V	F	JG1004-3268	
312436	83.50	0.50	73.0	150.5	38.25		12.0:1	FT	339	V	F	JG1004-3287	
312437	84.00	1.00	73.0	150.5	38.25		12.0:1	FT	343	V	F	JG1004-3307	

PEUGEOT 106 1.6L 8V TU5J2

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312431	78.50	STD	82.0	133.5	32.5		11.8:1	2.5	270	U	R	JC3004-3091	

PEUGEOT 106 1.6L 8V TU5J2

312432	83.00	STD	88.0	143	37.0		11.5:1	-3.7	319	V	F	JG1004-3268	
312433	83.50	0.50	88.0	143	37.0		11.5:1	-3.7	324	V	F	JG1004-3287	
312434	84.00	1.00	88.0	143	37.0		11.5:1	-3.7	327	V	F	JG1004-3307	

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

PORSCHE 911 2.0L

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 4032 & 2618 aluminum alloy, which has been optimized for aftermarket Nikasil cylinders. The JE Piston Porsche series now include low friction skirt coatings and are lighter than before, improving both performance and longevity.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Accumulator Grooves
Contact Reduction Grooves

Double Broach Oilers
Skirt Coating
Undercrown Milling for Weight Reduction
Pin fitting, wire locks, and rings included

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
353218	80.00	STD	66	130	33.9	68	9.5:1	34.1	338	M, U	R	JG1006-3150	
381241	80.00	STD	66	130	33.9	68	10.0:1	36.7	355	4032	R	JG1006-3150	
353221	80.00	STD	66	130	33.9	68	10.5:1	38.2	348	M, U	R	JG1006-3150	
353219	81.00	1.00	66	130	33.9	68	9.5:1	33.2	347	M, U	R	JG1006-3189	
381242	81.00	1.00	66	130	33.9	68	10.0:1	35.8	360	4032	R	JG1006-3189	
353220	81.00	1.00	66	130	33.9	68	10.5:1	37.4	340	M, U	R	JG1006-3189	

PORSCHE 911 2.2L

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 4032 & 2618 aluminum alloy, which has been optimized for aftermarket Nikasil cylinders. The JE Piston Porsche series now include low friction skirt coatings and are lighter than before, improving both performance and longevity.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Accumulator Grooves
Contact Reduction Grooves

Double Broach Oilers
Skirt Coating
Undercrown Milling for Weight Reduction
Pin fitting, wire locks, and rings included

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
353222	84.00	STD	66	130	33.9	68	9.5:1	30.6	356	M, U	R	JG1006-3307	
381243	84.00	STD	66	130	33.9	68	10.0:1	33.5	382	4032	R	JG1006-3307	
353223	84.00	STD	66	130	33.9	68	10.5:1	35.1	371	M, U	R	JG1006-3307	
353224	85.00	1.00	66	130	33.9	68	9.5:1	29.7	367	M, U	R	JG1006-3346	
381244	85.00	1.00	66	130	33.9	68	10.0:1	32	384	4032	R	JG1006-3346	
353225	85.00	1.00	66	130	33.9	68	10.5:1	34.3	377	M, U	R	JG1006-3346	
353226	87.50	3.50	66	130	33.9	68	9.5:1	27.4	370	M, U	R	JG1006-3445	
381245	87.50	3.50	66	130	33.9	68	10.0:1	29.9	390	4032	R	JG1006-3445	
353227	87.50	3.50	66	130	33.9	68	10.5:1	32.3	385	M, U	R	JG1006-3445	
381246	89.00	5.00	66	130	33.9	68	10.0:1	29.3	400	4032	R	JG1006-3504	
353228	89.00	5.00	66	130	33.9	68	10.5:1	31.1	395	M, U	R	JG1006-3504	

PORSCHE 911 2.4L

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 4032 & 2618 aluminum alloy, which has been optimized for aftermarket Nikasil cylinders. The JE Piston Porsche series now include low friction skirt coatings and are lighter than before, improving both performance and longevity.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Accumulator Grooves
Contact Reduction Grooves

Double Broach Oilers
Skirt Coating
Undercrown Milling for Weight Reduction
Pin fitting, wire locks, and rings included

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
353229	84.00	STD	70.4	127.8	33.9	68	9.5:1	27.7	346	M, U	R	JG1006-3307	
381247	84.00	STD	70.4	127.8	33.9	68	10.0:1	30.7	375	4032	R	JG1006-3307	
353230	84.00	STD	70.4	127.8	33.9	68	10.5:1	32.5	359	M, U	R	JG1006-3307	
353231	85.00	1.00	70.4	127.8	33.9	68	9.5:1	26.8	353	M, U	R	JG1006-3346	
381248	85.00	1.00	70.4	127.8	33.9	68	10.0:1	29.7	379	4032	R	JG1006-3346	
353232	85.00	1.00	70.4	127.8	33.9	68	10.5:1	31.7	370	M, U	R	JG1006-3346	
353233	87.50	3.50	70.4	127.8	33.9	68	9.5:1	24.3	369	M, U	R	JG1006-3445	
381249	87.50	3.50	70.4	127.8	33.9	68	10.0:1	27.7	390	4032	R	JG1006-3445	
353234	87.50	3.50	70.4	127.8	33.9	68	10.5:1	29.5	384	M, U	R	JG1006-3445	

PORSCHE 911 2.7L

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 4032 & 2618 aluminum alloy, which has been optimized for aftermarket Nikasil cylinders. The JE Piston Porsche series now include low friction skirt coatings and are lighter than before, improving both performance and longevity.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Accumulator Grooves
Contact Reduction Grooves

Double Broach Oilers
Skirt Coating
Undercrown Milling for Weight Reduction
Pin fitting, wire locks, and rings included

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
353235	90.00	STD	70.4	127.8	33.9	68	9.5:1	21.8	371	U	R	JG1006-3543	
381250	90.00	STD	70.4	127.8	33.9	68	10.0:1	25.3	390	4032	R	JG1006-3543	
353236	90.00	STD	70.4	127.8	33.9	68	10.5:1	27.3		U	R	JG1006-3543	
353237	92.00	2.00	70.4	127.8	33.9	68	9.5:1	19.7		U	R	JG1006-3622	
381251	92.00	2.00	70.4	127.8	33.9	68	10.0:1	23.3	400	4032	R	JG1006-3622	
353238	92.00	2.00	70.4	127.8	33.9	68	10.5:1	25.5		U	R	JG1006-3622	
353239	93.00	3.00	70.4	127.8	33.9	68	9.5:1	18.6	391	M, U	R	JG1006-3661	
381252	93.00	3.00	70.4	127.8	33.9	68	10.0:1	22.3	410	4032	R	JG1006-3661	
353240	93.00	3.00	70.4	127.8	33.9	68	10.5:1	24.5	406	M, U	R	JG1006-3661	

PORSCHE 911 3.0L TURBO

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 4032 & 2618 aluminum alloy, which has been optimized for aftermarket Nikasil cylinders. The JE Piston Porsche series now include low friction skirt coatings and are lighter than before, improving both performance and longevity.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Accumulator Grooves
Contact Reduction Grooves

Double Broach Oilers
Skirt Coating
Undercrown Milling for Weight Reduction
Pin fitting, wire locks, and rings included

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
353242	95.00	STD	70.4	127.8	33.9	90	6.5:1	6.5	403	T, M	R	JG1006-3740	
353243	95.00	STD	70.4	127.8	33.9	90	7.0:1	14	423	T, M	R	JG1006-3740	
353244	98.00	3.00	70.4	127.8	33.9	90	7.0:1	9.1		T, M	R	JG1006-3858	
353245	98.00	3.00	70.4	127.8	33.9	90	7.5:1	15.9		T, M	R	JG1006-3858	

PORSCHE 911 3.0L

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 4032 & 2618 aluminum alloy, which has been optimized for aftermarket Nikasil cylinders. The JE Piston Porsche series now include low friction skirt coatings and are lighter than before, improving both performance and longevity.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Accumulator Grooves
Contact Reduction Grooves

Double Broach Oilers
Skirt Coating
Undercrown Milling for Weight Reduction
Pin fitting, wire locks, and rings included

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
353246	95.00	STD	70.4	127.8	33.9	90	9.5:1	38.5		U	R	JG1006-3740	
381253	95.00	STD	70.4	127.8	33.9	90	10.0:1			4032	R	JG1006-3740	
353247	95.00	STD	70.4	127.8	33.9	90	10.5:1	44.7		U	R	JG1006-3740	
353248	95.00	STD	70.4	127.8	33.9	90	11.5:1	49.7		U	R	JG1006-3740	
353249	98.00	3.00	70.4	127.8	33.9	90	9.5:1	35.2		U	R	JG1006-3858	
381254	98.00	3.00	70.4	127.8	33.9	90	10.0:1			4032	R	JG1006-3858	
353250	98.00	3.00	70.4	127.8	33.9	90	10.5:1	41.7		U	R	JG1006-3858	
353251	98.00	3.00	70.4	127.8	33.9	90	11.5:1	47.1		U	R	JG1006-3858	
353252	100.00	5.00	70.4	127.8	33.9	90	9.5:1	32.9		U, M	R	JG1006-3937	
381255	100.00	5.00	70.4	127.8	33.9	90	10.0:1			4032	R	JG1006-3937	
353253	100.00	5.00	70.4	127.8	33.9	90	10.5:1	39.8		U, M	R	JG1006-3937	
353254	100.00	5.00	70.4	127.8	33.9	90	11.5:1	45.3		U, M	R	JG1006-3937	
381256	102.00	7.00	70.4	127.8	33.9	90	10.0:1			4032	R	JG3106-4020-2	
353255	102.00	7.00	70.4	127.8	33.9	90	10.5:1	37.7		U, M	R	JG3106-4020-2	
353256	102.00	7.00	70.4	127.8	33.9	90	11.5:1	43.5		U, M	R	JG3106-4020-2	

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

PORSCHE 911 3.2L

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 4032 & 2618 aluminum alloy, which has been optimized for aftermarket Nikasil cylinders. The JE Piston Porsche series now include low friction skirt coatings and are lighter than before, improving both performance and longevity.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Accumulator Grooves
Contact Reduction Grooves

Double Broach Oilers
Skirt Coating
Undercrown Milling for Weight Reduction
Pin fitting, wire locks, and rings included

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
353283	95.00	STD	74.4	127	32.8	90	9.5:1	35.1		U	R	JG1006-3740	
381257	95.00	STD	74.4	127		90	10.0:1			4032	R	JG1006-3740	
353284	95.00	STD	74.4	127	32.8	90	10.5:1	41.7		U	R	JG1006-3740	
353285	95.00	STD	74.4	127	32.8	90	11.5:1	47.0		U	R	JG1006-3740	
353286	98.00	3.00	74.4	127	32.8	90	9.5:1	31.6		U	R	JG1006-3858	
381258	98.00	3.00	74.4	127		90	10.0:1			4032	R	JG1006-3858	
353287	98.00	3.00	74.4	127	32.8	90	10.5:1	38.6		U	R	JG1006-3858	
353288	98.00	3.00	74.4	127	32.8	90	11.5:1	44.2		U	R	JG1006-3858	
353289	100.00	5.00	74.4	127	32.8	90	9.5:1	29.2		U	R	JG1006-3937	
381259	100.00	5.00	74.4	127		90	10.0:1			4032	R	JG1006-3937	
353290	100.00	5.00	74.4	127	32.8	90	10.5:1	36.5		U	R	JG1006-3937	
353291	100.00	5.00	74.4	127	32.8	90	11.5:1	42.3		U	R	JG1006-3937	
381260	102.00	7.00	74.4	127		90	10.0:1			4032	R	JG3106-4020-2	
353292	102.00	7.00	74.4	127	32.8	90	10.5:1	34.3	482	U, M	R	JG3106-4020-2	
353293	102.00	7.00	74.4	127	32.8	90	11.5:1	40.4		U, M	R	JG3106-4020-2	

PORSCHE 911 3.3L TURBO

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy, which has been optimized for aftermarket Nikasil cylinders. The JE Piston Porsche series now include low friction skirt coatings and are lighter than before, improving both performance and longevity.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Accumulator Grooves
Contact Reduction Grooves

Double Broach Oilers
Skirt Coating
Undercrown Milling for Weight Reduction
Pin fitting, wire locks, and rings included

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
353296	97.00	STD	74.4	127	32.8	90	7.0:1	5.8		T	R	JG1006-3819	
353297	97.00	STD	74.4	127	32.8	90	7.5:1	12.9		T	R	JG1006-3819	
353298	97.00	STD	74.4	127	32.8	90	8.0:1	18.9		T	R	JG1006-3819	
353299	97.00	STD	74.4	127	32.8	90	8.5:1	24.2		T	R	JG1006-3819	
353301	98.00	1.00	74.4	127	32.8	90	7.5:1	11.3		T	R	JG1006-3858	
353302	98.00	1.00	74.4	127	32.8	90	8.0:1	17.5		T	R	JG1006-3858	
353303	98.00	1.00	74.4	127	32.8	90	8.5:1	22.8		T	R	JG1006-3858	
353304	100.00	3.00	74.4	127	32.8	90	7.5:1	8.1		T	R	JG1006-3937	
353305	100.00	3.00	74.4	127	32.8	90	8.0:1	14.5		T	R	JG1006-3937	

PORSCHE 911 3.6L

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 4032 & 2618 aluminum alloy, which has been optimized for aftermarket Nikasil cylinders. The JE Piston Porsche series now include low friction skirt coatings and are lighter than before, improving both performance and longevity.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Accumulator Grooves
Contact Reduction Grooves

Double Broach Oilers
Skirt Coating
Undercrown Milling for Weight Reduction
Pin fitting, wire locks, and rings included

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
381261	100.00	STD	76.4	127	31.8	90	11.0:1			4032	R	JG1006-3937	
353306	100.00	STD	76.4	127	31.8	90	11.5:1	40.8		U	R	JG1006-3937	
353307	100.00	STD	76.4	127	31.8	90	12.5:1	45.8		U	R	JG1006-3937	
381262	102.00	2.00	76.4	127	31.8	90	11.0:1			4032	R	JG3106-4020-2	
353308	102.00	2.00	76.4	127	31.8	90	11.5:1	38.8		U	R	JG3106-4020-2	
353309	102.00	2.00	76.4	127	31.8	90	12.5:1	44.0		U	R	JG3106-4020-2	

PORSCHE 911 3.6L CONTINUED

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
381263	103.12	3.15	76.4	127	31.8	90	11.0:1			4032	R	JG31F6-4060-0	
353310	103.12	3.15	76.4	127	31.8	90	11.5:1	37.7	491	U, M	R	JG31F6-4060-0	
353311	103.12	3.15	76.4	127	31.8	90	12.5:1	43	505	U, M	R	JG31F6-4060-0	
381264	105.03	5.03	76.4	127	31.8	90	11.0:1			4032	R	JG7706-4135-5	
353312	105.03	5.03	76.4	127	31.8	90	11.5:1	35.7	501	U, M	R	JG7706-4135-5	
353313	105.03	5.03	76.4	127	31.8	90	12.5:1	41.2	517	U, M	R	JG7706-4135-5	

PORSCHE 996 3.6L TWIN TURBO M96.70

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy, which has been optimized for aftermarket Nikasil cylinders. The JE Piston Porsche series now include low friction skirt coatings and are lighter than before, improving both performance and longevity.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Accumulator Grooves
Contact Reduction Grooves

Double Broach Oilers
Skirt Coating
Undercrown Milling for Weight Reduction
Pin fitting, wire locks, and rings included

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
362143	100.00	STD	76.4	127	33.1		9.4:1	-25.5	427	T	F	JG3706-3937	

PORSCHE 997 3.6L TWIN TURBO M97.70

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy, which has been optimized for aftermarket Nikasil cylinders. The JE Piston Porsche series now include low friction skirt coatings and are lighter than before, improving both performance and longevity.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Accumulator Grooves
Contact Reduction Grooves

Double Broach Oilers
Skirt Coating
Undercrown Milling for Weight Reduction
Pin fitting, wire locks, and rings included

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
362143	100.00	STD	76.4	127	33.1		9.4:1	-25.5	427	T	F	JG3706-3937	

RENAULT CLIO F7RR

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312438	84.00	STD	90.0	150	25.0	Call	12.7:1	11.8	289	U	F	JG1004-3307	
312439	84.50	0.50	90.0	150	25.0	Call	12.7:1	11.8	292	U	F	JG1004-3327	

RENAULT CLIO F7R

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312440	82.70	STD	93.0	144	30.7	Call	8.5:1	-15.0	290	T	F	JG1004-3268	RN1002-051
312441	83.00	0.30	93.0	144	30.7	Call	8.5:1	-15.0	292	T	F	JG1004-3268	RN1002-051
312442	84.00	1.30	93.0	144	30.7	Call	8.5:1	-15.0	302	T	F	JG1004-3307	RN1003-051

RENAULT R5 840-30

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312443	76.00	STD	77.0	128	35.6	Call	7.0:1	6.0	282	T	R	XC7600	RN1004-071
312444	77.00	1.00	77.0	128	35.6	Call	7.0:1	6.0	289	T	R	XC7700	RN1004-071
312445	78.00	2.00	77.0	128	35.6	Call	7.0:1	6.0	299	T	R	XC7800	RN1006-071

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

RENAULT CLIO F7P

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .050	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312449	82.00	STD	83.5	144	35.5	45	8.0:1	-11.0	307	T	F	JG1004-3228	RN1002-051
312450	82.50	0.50	83.5	144	35.5	45	8.0:1	-11.5	312	T	F	JG1004-3250	RN1002-051
312451	83.00	1.00	83.5	144	35.5	45	8.0:1	-12.0	314	T	F	JG1004-3268	RN1002-051

RENAULT CLIO RS F4R

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312453	82.70	STD	93.0	144	30.2	41	12.8:1	4.8	310	U	F	JG1004-3268	RN1000-033
312454	83.00	0.30	93.0	144	30.2	41	12.8:1	4.8	311	U	F	JG1004-3268	RN1000-033
312455	84.00	1.30	93.0	144	30.2	41	12.8:1	4.8	319	U	F	JG1004-3307	RN1001-033

RENAULT CLIO WILLIAMS F7R

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
312457	82.70	STD	93.0	144	30.7	Call	12.5:1	4.5	313	U	F	JG1004-3268	RN1002-051
312458	83.00	0.30	93.0	144	30.7	Call	12.5:1	4.5	316	U	F	JG1004-3268	RN1002-051
312459	84.00	1.30	93.0	144	30.7	Call	12.5:1	4.5	323	U	F	JG1004-3307	RN1003-051

SUBARU BRZ FA20 / TOYOTA FRS 4U-GSE / TOYOTA GT-86 4U-GSE 2012+

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .026	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
315114	86.00	STD	86.0	129.3	32.75	39	9.5:1	-16.4	325	T	F	JG1004-3386	
359150	86.25	0.25	86.0	129.3	32.75	39	9.5:1	-16.7	319	T	F	JG1004-3396	
315115	86.50	0.50	86.0	129.3	32.75	39	9.5:1	-17.0	321	T	F	JG1004-3405	
315116	87.00	1.00	86.0	129.3	32.75	39	9.5:1	-17.7	322	T	F	JG1004-3425	
315117	86.00	STD	86.0	129.3	32.75	39	10.5:1	-10.2	312	T	F	JG1004-3386	
359151	86.25	0.25	86.0	129.3	32.75	39	10.5:1	-10.5	318	T	F	JG1004-3396	
315118	86.50	0.50	86.0	129.3	32.75	39	10.5:1	-10.7	318	T	F	JG1004-3405	
315119	87.00	1.00	86.0	129.3	32.75	39	10.5:1	-11.3	321	T	F	JG1004-3425	
367898	86.00	STD	86.0	129.3	32.75	39	10.5:1	-10.2	322	Ultra	F	JG1004-3386	
367899	86.25	0.25	86.0	129.3	32.75	39	10.5:1	-10.5	323	Ultra	F	JG1004-3396	
367900	86.50	0.50	86.0	129.3	32.75	39	10.5:1	-10.7	324	Ultra	F	JG1004-3405	
367901	87.00	1.00	86.0	129.3	32.75	39	10.5:1	-11.3	327	Ultra	F	JG1004-3425	
359152	86.00	STD	86.0	129.3	32.75	39	12.5:1	-1.0	317	T	F	JG1004-3386	
359153	86.25	0.25	86.0	129.3	32.75	39	12.5:1	-1.3	321	T	F	JG1004-3396	
359154	86.50	0.50	86.0	129.3	32.75	39	12.5:1	-1.5	322	T	F	JG1004-3405	
359155	87.00	1.00	86.0	129.3	32.75	39	12.5:1	-2.0	330	T	F	JG1004-3425	
315120	86.00	STD	86.0	129.3	32.75	39	13.5:1	2.5	315	V	F	JG1004-3386	
359156	86.25	0.25	86.0	129.3	32.75	39	13.5:1	2.2	317	T	F	JG1004-3396	
315121	86.50	0.50	86.0	129.3	32.75	39	13.5:1	2.0	317	V	F	JG1004-3405	
315122	87.00	1.00	86.0	129.3	32.75	39	13.5:1	1.6	322	V	F	JG1004-3425	

SUBARU 2012+ DIRECT INJECTION TURBO FA20DIT / FA20E / FA20F

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .026	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
361314	86.00	STD	86.0	129.3	32.7	38.6	10.0:1	-13.2	326	Ultra	F	JG1004-3386	
361315	86.25	0.25	86.0	129.3	32.7	38.6	10.0:1	-13.5	328	Ultra	F	JG1004-3396	
361316	86.50	0.50	86.0	129.3	32.7	38.6	10.0:1	-13.8	330	Ultra	F	JG1004-3405	
361317	87.00	1.00	86.0	129.3	32.7	38.6	10.0:1	-14.4	334	Ultra	F	JG1004-3425	
359157	86.00	STD	86.0	129.3	32.7	38.6	10.0:1	-13.2	323	T	F	JG1004-3386	
359158	86.25	0.25	86.0	129.3	32.7	38.6	10.0:1	-13.5	323	T	F	JG1004-3396	
359159	86.50	0.50	86.0	129.3	32.7	38.6	10.0:1	-13.8	325	T	F	JG1004-3405	
359160	87.00	1.00	86.0	129.3	32.7	38.6	10.0:1	-14.4	327	T	F	JG1004-3425	
359188	86.00	STD	86.0	129.3	32.7	38.6	10.6:1	-9.7	331	T	F	JG1004-3386	
359189	86.25	0.25	86.0	129.3	32.7	38.6	10.6:1	-10.0	332	T	F	JG1004-3396	
359190	86.50	0.50	86.0	129.3	32.7	38.6	10.6:1	-10.3	334	T	F	JG1004-3405	
359191	87.00	1.00	86.0	129.3	32.7	38.6	10.6:1	-10.8	337	T	F	JG1004-3425	

SUBARU 2002-2005 IMPREZA WRX EJ205

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .028	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
314437	92.00	STD	75.0	130.5	32.7	48	8.5:1	-11.0	359	T	F	JG1004-3622	SB1000-039
314438	92.50	0.50	75.0	130.5	32.7	48	8.5:1	-11.7	363	T	F	JG1004-3642	SB1000-039
314439	93.00	1.00	75.0	130.5	32.7	48	8.5:1	-12.4	367	T	F	JG1004-3661	SB1000-039
361318	92.00	STD	75.0	130.5	32.7	48	8.5:1	-11.0	365	Ultra	F	JG1004-3622	SB1000-039
361319	92.50	0.50	75.0	130.5	32.7	48	8.5:1	-11.7	367	Ultra	F	JG1004-3642	SB1000-039
361320	93.00	1.00	75.0	130.5	32.7	48	8.5:1	-12.4	369	Ultra	F	JG1004-3661	SB1000-039
314440	92.00	STD	75.0	130.5	32.7	48	9.5:1	-3.2	379	T	F	JG1004-3622	SB1000-039
314441	92.50	0.50	75.0	130.5	32.7	48	9.5:1	-3.8	382	T	F	JG1004-3642	SB1000-039
314442	93.00	1.00	75.0	130.5	32.7	48	9.5:1	-4.4	385	T	F	JG1004-3661	SB1000-039
361321	92.00	STD	75.0	130.5	32.7	48	9.5:1	-3.2	388	Ultra	F	JG1004-3622	SB1000-039
361322	92.50	0.50	75.0	130.5	32.7	48	9.5:1	-3.8	390	Ultra	F	JG1004-3642	SB1000-039
361323	93.00	1.00	75.0	130.5	32.7	48	9.5:1	-4.4	392	Ultra	F	JG1004-3661	SB1000-039
314446	92.00	STD	79.0	130.5	30.7	48	8.5:1	-14.6	350	T	F	JG1004-3622	SB1000-039
314447	92.50	0.50	79.0	130.5	30.7	48	8.5:1	-15.3	353	T	F	JG1004-3642	SB1000-039
314448	93.00	1.00	79.0	130.5	30.7	48	8.5:1	-16.0	356	T	F	JG1004-3661	SB1000-039
361324	92.00	STD	79.0	130.5	30.7	48	8.5:1	-14.6	361	Ultra	F	JG1004-3622	SB1000-039
361325	92.50	0.50	79.0	130.5	30.7	48	8.5:1	-15.3	363	Ultra	F	JG1004-3642	SB1000-039
361326	93.00	1.00	79.0	130.5	30.7	48	8.5:1	-16.0	365	Ultra	F	JG1004-3661	SB1000-039
314449	92.00	STD	79.0	130.5	30.7	48	9.5:1	-6.4	338	T	F	JG1004-3622	SB1000-039
314450	92.50	0.50	79.0	130.5	30.7	48	9.5:1	-7.0	341	T	F	JG1004-3642	SB1000-039
314451	93.00	1.00	79.0	130.5	30.7	48	9.5:1	-7.5	344	T	F	JG1004-3661	SB1000-039

SUBARU EJ22 Turbo 1991-1994

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. **** -0.012 Deck Clearance***

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .054	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
314350	97.00	STD	75.0	130.5	32.7	46.6	8.5:1	-14.7	410	T	R	XH9700	
314351	97.50	0.50	75.0	130.5	32.7	46.6	8.5:1	-15.4	414	T	R	XH9750	
314352	98.00	1.00	75.0	130.5	32.7	46.6	8.5:1	-16.0	418	T	R	XH9800	

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

SUBARU EJ25 DOHC 1996-1999

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .054	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
314335	99.50	STD	79.0	131.25	30.3	46	8.5:1	-24.4	392	T	F	JG4904-3917	
314336	99.75	0.25	79.0	131.25	30.3	46	8.5:1	-24.8	395	T	F	JG4904-3927	
314337	100.00	0.50	79.0	131.25	30.3	46	8.5:1	-25.1	400	T	F	JG4904-3937	
314338	99.50	STD	79.0	131.25	30.3	46	11.5:1	-1.0	416	T	R	JG4904-3917	
314339	99.75	0.25	79.0	131.25	30.3	46	11.5:1	-1.3	420	T	R	JG4904-3927	
314340	100.00	0.50	79.0	131.25	30.3	46	11.5:1	-1.5	424	T	R	JG4904-3937	

SUBARU EJ25 SOHC 1999-2005

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. ***-0.015 Deck Clearance***

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
314341	99.50	STD	79.0	131.6	29.5	50	8.5:1	-20.4	383	T	F	JG4904-3917	
314342	99.75	0.25	79.0	131.6	29.5	50	8.5:1	-20.8	386	T	F	JG4904-3927	
314343	100.00	0.50	79.0	131.6	29.5	50	8.5:1	-21.2	388	T	F	JG4904-3937	
314344	99.50	STD	79.0	131.6	29.5	50	11.5:1	3.0	412	T	R	JG4904-3917	
314345	99.75	0.25	79.0	131.6	29.5	50	11.5:1	2.7	410	T	R	JG4904-3927	
314346	100.00	0.50	79.0	131.6	29.5	50	11.5:1	2.5	412	T	R	JG4904-3937	

SUBARU EJ255 / EJ257 BLOCK WITH EJ20 HEAD "FSR"

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .026	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
291059	99.50	STD	79.0	130.5	30.7	48	8.5:1	-25.5	411	T	F	JG4904-3917	SB1001-039
296349	99.75	0.25	79.0	130.5	30.7	48	8.5:1	-26.0	413	T	F	JG4904-3927	SB1001-039
291060	100.00	0.50	79.0	130.5	30.7	48	8.5:1	-26.4	416	T	F	JG4904-3937	SB1001-039
367902	99.50	STD	79.0	130.5	30.7	48	8.5:1	-25.5	413	Ultra	F	JG4904-3917	SB1001-039
367903	99.75	0.25	79.0	130.5	30.7	48	8.5:1	-26.0	415	Ultra	F	JG4904-3927	SB1001-039
367904	100.00	0.50	79.0	130.5	30.7	48	8.5:1	-26.4	417	Ultra	F	JG4904-3937	SB1001-039
325249	99.50	STD	79.0	130.5	30.7	48	9.5:1	-16.4	411	T	F	JG4904-3917	SB1001-039
325250	99.75	0.25	79.0	130.5	30.7	48	9.5:1	-16.7	414	T	F	JG4904-3927	SB1001-039
325251	100.00	0.50	79.0	130.5	30.7	48	9.5:1	-17.0	416	T	F	JG4904-3937	SB1001-039

SUBARU 2004-2017 IMPREZA STI , LEGACY GT / OUTBACK XT 2005-2006 EJ257

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .026	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
361327	99.50	STD	79.0	130.5	30.7	57	8.5:1	-16.5	425	Ultra	F	JG4904-3917	SB1001-039
361328	99.75	0.25	79.0	130.5	30.7	57	8.5:1	-16.9	427	Ultra	F	JG4904-3927	SB1001-039
361329	100.00	0.50	79.0	130.5	30.7	57	8.5:1	-17.3	430	Ultra	F	JG4904-3937	SB1001-039
291061	99.50	STD	79.0	130.5	30.7	57	8.5:1	-16.5	407	T	F	JG4904-3917	SB1001-039
296348	99.75	0.25	79.0	130.5	30.7	57	8.5:1	-16.9	410	T	F	JG4904-3927	SB1001-039
291062	100.00	0.50	79.0	130.5	30.7	57	8.5:1	-17.3	413	T	F	JG4904-3937	SB1001-039
291063	99.50	STD	83.0	130.5	28.7	57	8.5:1	-20.7	398	T	F	JG4904-3917	SB1001-039
296352	99.75	0.25	83.0	130.5	28.7	57	8.5:1	-21.1	401	T	F	JG4904-3927	SB1001-039
291064	100.00	0.50	83.0	130.5	28.7	57	8.5:1	-21.5	404	T	F	JG4904-3937	SB1001-039

SUBARU 2004-2017 IMPREZA STI , LEGACY GT / OUTBACK XT 2005-2006 EJ257 CONTINUED

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .026	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
378134	99.50	STD	83.0	130.5	28.7	57	8.5:1	-20.7	398	Ultra	F	JG4904-3917	SB1001-039
378135	99.75	0.25	83.0	130.5	28.7	57	8.5:1	-21.1	401	Ultra	F	JG4904-3927	SB1001-039
378136	100.00	0.50	83.0	130.5	28.7	57	8.5:1	-21.5	404	Ultra	F	JG4904-3937	SB1001-039
361330	99.50	STD	79.0	130.5	30.7	57	9.5:1	-7.0	426	Ultra	F	JG4904-3917	SB1001-039
361331	99.75	0.25	79.0	130.5	30.7	57	9.5:1	-7.3	428	Ultra	F	JG4904-3927	SB1001-039
361332	100.00	0.50	79.0	130.5	30.7	57	9.5:1	-7.6	430	Ultra	F	JG4904-3937	SB1001-039
310936	99.50	STD	79.0	130.5	30.7	57	9.5:1	-7.0	423	T	F	JG4904-3917	SB1001-039
310937	99.75	0.25	79.0	130.5	30.7	57	9.5:1	-7.3	425	T	F	JG4904-3927	SB1001-039
310938	100.00	0.50	79.0	130.5	30.7	57	9.5:1	-7.6	427	T	F	JG4904-3937	SB1001-039

SUBARU 2006-2014 IMPREZA WRX , 2004-2013 FORESTER XT, LEGACY GT / OUTBACK XT 2007-2017, BAJA XT 2004-2006 EJ255

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .026	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
361327	99.50	STD	79.0	130.5	30.7	51	9.1:1	-16.5	425	Ultra	F	JG4904-3917	SB1001-039
361328	99.75	0.25	79.0	130.5	30.7	51	9.1:1	-16.9	427	Ultra	F	JG4904-3927	SB1001-039
361329	100.00	0.50	79.0	130.5	30.7	51	9.1:1	-17.3	430	Ultra	F	JG4904-3937	SB1001-039
291061	99.50	STD	79.0	130.5	30.7	51	9.1:1	-16.5	407	T	F	JG4904-3917	SB1001-039
296348	99.75	0.25	79.0	130.5	30.7	51	9.1:1	-16.9	410	T	F	JG4904-3927	SB1001-039
291062	100.00	0.50	79.0	130.5	30.7	51	9.1:1	-17.3	413	T	F	JG4904-3937	SB1001-039
291063	99.50	STD	83.0	130.5	28.7	51	9.1:1	-20.7	398	T	F	JG4904-3917	SB1001-039
296352	99.75	0.25	83.0	130.5	28.7	51	9.1:1	-21.1	401	T	F	JG4904-3927	SB1001-039
291064	100.00	0.50	83.0	130.5	28.7	51	9.1:1	-21.5	404	T	F	JG4904-3937	SB1001-039
361330	99.50	STD	79.0	130.5	30.7	51	10.3:1	-7.0	426	Ultra	F	JG4904-3917	SB1001-039
361331	99.75	0.25	79.0	130.5	30.7	51	10.3:1	-7.3	428	Ultra	F	JG4904-3927	SB1001-039
361332	100.00	0.50	79.0	130.5	30.7	51	10.3:1	-7.6	430	Ultra	F	JG4904-3937	SB1001-039
310936	99.50	STD	79.0	130.5	30.7	51	10.3:1	-7.0	423	T	F	JG4904-3917	SB1001-039
310937	99.75	0.25	79.0	130.5	30.7	51	10.3:1	-7.3	425	T	F	JG4904-3927	SB1001-039
310938	100.00	0.50	79.0	130.5	30.7	51	10.3:1	-7.6	427	T	F	JG4904-3937	SB1001-039

SUBARU EJ257 BILLET FSR

Features:
Dome/Dish requires no deburring or preparation
100% CNC machined billet piston
Specifically designed for high horsepower Subaru racing engines up to 1200hp

Manufactured from high quality, certified 2618-T6 aluminum alloy Internal and external strut braces
Premium 9310 steel wrist pins included (.905 x 2.250"), DLC upgrade available
Pin fitting, Tru Arc locks, and rings included

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .026	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
310927	99.50	STD	79.0	130.5	30.7	57	8.8:1	-14.1	392	T	F	JG4904-3917	SB1001-039
286463	100.00	0.50	79.0	130.5	30.7	57	8.8:1	-15.1	392	T	F	JG4904-3937	SB1001-039

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

TOYOTA 1FZ-FE

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .059	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
321311	100.0	STD	95.0	154	42	76	8.5:1	-10.8	473	T	R	JG1006-3937	TY1005-047
321312	100.5	0.50	95.0	154	42	76	8.5:1	-11.7	476	T	R	JG1006-3957	TY1005-047
321313	101.0	1.00	95.0	154	42	76	8.5:1	-12.6	479	T	R	JG1006-3976	TY1005-047
321314	100.0	STD	95.0	154	42	76	10.0:1	5.7	491	T	R	JG1006-3937	TY1005-047
321315	100.5	0.50	95.0	154	42	76	10.0:1	5.0	494	T	R	JG1006-3957	TY1005-047
321316	101.0	1.00	95.0	154	42	76	10.0:1	4.3	497	T	R	JG1006-3976	TY1005-047
321317	100.0	STD	95.0	154	42	76	11.5:1	17.6	493	V	R	JG1006-3937	TY1005-047
321318	100.5	0.50	95.0	154	42	76	11.5:1	17.0	497	V	R	JG1006-3957	TY1005-047
321319	101.0	1.00	95.0	154	42	76	11.5:1	16.4	499	V	R	JG1006-3976	TY1005-047
321320	100.0	STD	101.0	154	39	76	8.5:1	-17.1	459	T	R	JG1006-3937	TY1005-047
321321	100.5	0.50	101.0	154	39	76	8.5:1	-18.0	462	T	R	JG1006-3957	TY1005-047
321322	101.0	1.00	101.0	154	39	76	8.5:1	-19.0	466	T	R	JG1006-3976	TY1005-047
321323	100.0	STD	101.0	154	39	76	10.0:1	0.5	465	T	R	JG1006-3937	TY1005-047
321324	100.5	0.50	101.0	154	39	76	10.0:1	-0.2	471	T	R	JG1006-3957	TY1005-047
321325	101.0	1.00	101.0	154	39	76	10.0:1	-1.0	474	T	R	JG1006-3976	TY1005-047
321326	100.0	STD	101.0	154	39	76	11.5:1	13.1	455	V	R	JG1006-3937	TY1005-047
321327	100.5	0.50	101.0	154	39	76	11.5:1	12.5	457	V	R	JG1006-3957	TY1005-047
321328	101.0	1.00	101.0	154	39	76	11.5:1	11.8	459	V	R	JG1006-3976	TY1005-047

TOYOTA 1JZ-GTE

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .048	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
361451	86.00	STD	71.5	125.25	34	41	9.0:1	-3.2		T	F	JG1006-3386	
361452	86.25	0.25	71.5	125.25	34	41	9.0:1	-3.5		T	F	JG1006-3396	
361453	86.50	0.50	71.5	125.25	34	41	9.0:1	-3.7		T	F	JG1006-3405	
361454	87.00	1.00	71.5	125.25	34	41	9.0:1	-4.2		T	F	JG1006-3425	

TOYOTA 2AR-FE

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
310886	90.00	STD	98.0	157.5	34.8	50	9.0:1	-26.7	358	T	R	JG1004-3543	
310888	90.50	0.50	98.0	157.5	34.8	50	9.0:1	-27.5	360	T	R	JG1004-3563	
310887	90.00	STD	98.0	157.5	34.8	50	11.0:1	-11.1	348	V	R	JG1004-3543	
310889	90.50	0.50	98.0	157.5	34.8	50	11.0:1	-11.8	350	V	R	JG1004-3563	

TOYOTA 2A-ZFE

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
361358	88.50	STD	96.0	149.5	33	40.2	9.0:1	-26.6		T	R	JG1004-3484	
310320	89.00	0.50	96.0	149.5	33	40.2	9.0:1	-27.1	333	T	R	JG1004-3504	
361359	88.50	STD	96.0	149.5	33	40.2	11.0:1	-11.8		V	R	JG1004-3484	
310321	89.00	0.50	96.0	149.5	33	40.2	11.0:1	-12.2	318	V	R	JG1004-3504	

TOYOTA 2JZ-GE / 2JZ-GTE

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
314301	86.00	STD	86.0	142	34	44.5	8.5:1	-15.5	312	T	F	JG1006-3386	TY1004-051
361333	86.25	0.25	86.0	142	34	44.5	8.5:1	-15.9		T	F	JG1006-3396	TY1004-051
296932	86.50	0.50	86.0	142	34	44.5	8.5:1	-16.4	304	T	F	JG1006-3405	TY1004-051
296933	87.00	1.00	86.0	142	34	44.5	8.5:1	-17.1	306	T	F	JG1006-3425	TY1004-051
361341	86.00	STD	86.0	142	34	44.5	9.0:1	-9.8	354	Ultra	F	JG1006-3386	TY1004-051
361342	86.25	0.25	86.0	142	34	44.5	9.0:1	-10.1	356	Ultra	F	JG1006-3396	TY1004-051
361343	86.50	0.50	86.0	142	34	44.5	9.0:1	-10.4	358	Ultra	F	JG1006-3405	TY1004-051
361344	87.00	1.00	86.0	142	34	44.5	9.0:1	-11.0	360	Ultra	F	JG1006-3425	TY1004-051
314302	86.00	STD	86.0	142	34	44.5	9.5:1	-7.7	330	T	F	JG1006-3386	TY1004-051
361334	86.25	0.25	86.0	142	34	44.5	9.5:1	-8.0		T	F	JG1006-3396	TY1004-051
314303	86.50	0.50	86.0	142	34	44.5	9.5:1	-8.3	334	T	F	JG1006-3405	TY1004-051
314304	87.00	1.00	86.0	142	34	44.5	9.5:1	-8.9	337	T	F	JG1006-3425	TY1004-051
326320	86.00	STD	94.0	142	30	44.5	8.5:1	-21.9	290	T	F	JG1006-3386	TY1004-051
361335	86.25	0.25	94.0	142	30	44.5	8.5:1	-22.1		T	F	JG1006-3396	TY1004-051
326321	86.50	0.50	94.0	142	30	44.5	8.5:1	-22.7	293	T	F	JG1006-3405	TY1004-051
326322	87.00	1.00	94.0	142	30	44.5	8.5:1	-23.4	296	T	F	JG1006-3425	TY1004-051
337050	86.00	STD	94.0	142	30	44.5	9.5:1	-13.3	304	T	F	JG1006-3386	TY1004-051
361336	86.25	0.25	94.0	142	30	44.5	9.5:1	-13.6		T	F	JG1006-3396	TY1004-051
337051	86.50	0.50	94.0	142	30	44.5	9.5:1	-14.0	306	T	F	JG1006-3405	TY1004-051
337052	87.00	1.00	94.0	142	30	44.5	9.5:1	-14.7	310	T	F	JG1006-3425	TY1004-051

TOYOTA 2ZZ-GE - MUST SLEEVE BLOCK

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. **** 211.75mm Block Height **Block requires aftermarket sleeves for compatibility***

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .020	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
361455	82.00	STD	85.0	137.9	31.2	38	9.5:1	-11.1	300	T	FSR	JG1004-3228	
361456	82.50	0.50	85.0	137.9	31.2	38	9.5:1	-11.7	303	T	FSR	JG1004-3250	
361457	83.00	1.00	85.0	137.9	31.2	38	9.5:1	-12.3	306	T	FSR	JG1004-3268	
361458	82.00	STD	85.0	137.9	31.2	38	12.5:1	2.7	321	V	FSR	JG1004-3228	
361459	82.50	0.50	85.0	137.9	31.2	38	12.5:1	2.2	324	V	FSR	JG1004-3250	
361460	83.00	1.00	85.0	137.9	31.2	38	12.5:1	1.8	327	V	FSR	JG1004-3268	

TOYOTA 3S-GE BEAMS

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. ****Oil squirter modification may be required***

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .031	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
361461	86.00	STD	86.0	138	33.8	33	9.5:1	-13.8	325	T	FSR	JG1004-3386	
361462	86.25	0.25	86.0	138	33.8	33	9.5:1	-14.2	327	T	FSR	JG1004-3396	
361463	86.50	0.50	86.0	138	33.8	33	9.5:1	-14.4	328	T	FSR	JG1004-3405	
361464	87.00	1.00	86.0	138	33.8	33	9.5:1	-15.0	330	T	FSR	JG1004-3425	
361465	86.00	STD	86.0	138	33.8	33	12.5:1	1.5		V	FSR	JG1004-3386	
361466	86.25	0.25	86.0	138	33.8	33	12.5:1	1.3		V	FSR	JG1004-3396	
361467	86.50	0.50	86.0	138	33.8	33	12.5:1	1.1		V	FSR	JG1004-3405	
361468	87.00	1.00	86.0	138	33.8	33	12.5:1	0.7		V	FSR	JG1004-3425	

JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

TOYOTA 3S-GTE

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
298701	86.00	STD	86.0	138	35	50	9.0:1	-6.0	318	T	F	JG1004-3386	TY1000-039
361357	86.25	0.25	86.0	138	35	50	9.0:1	-6.4	319	T	F	JG1004-3396	TY1000-039
298702	86.50	0.50	86.0	138	35	50	9.0:1	-6.7	320	T	F	JG1004-3405	TY1000-039
298703	87.00	1.00	86.0	138	35	50	9.0:1	-7.3	322	T	F	JG1004-3425	TY1000-039
367908	86.00	STD	86.0	138	35	50	9.0:1	-6.0	335	Ultra	F	JG1004-3386	TY1000-039
367909	86.25	0.25	86.0	138	35	50	9.0:1	-6.4	336	Ultra	F	JG1004-3396	TY1000-039
367910	86.50	0.50	86.0	138	35	50	9.0:1	-6.7	337	Ultra	F	JG1004-3405	TY1000-039
367911	87.00	1.00	86.0	138	35	50	9.0:1	-7.3	340	Ultra	F	JG1004-3425	TY1000-039

TOYOTA 3S-GTE HEAD / 5S-FE BLOCK

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
252064	87.50	0.50	91.0	138	32.5	50	9.0:1	-11.6	338	T	R	JG1004-3445	
361469	88.00	1.00	91.0	138	32.5	50	9.0:1	-12.5	341	T	R	JG1004-3465	

TOYOTA 4A-GE 16V 20MM PIN

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. **** 191mm Block Height***

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .048	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
361470	81.00	STD	77.0	122	30.5	36	11.0:1	3.2	290	U	F	JG1004-3189	TY1001-039
361471	81.50	0.50	77.0	122	30.5	36	11.0:1	2.7	291	U	F	JG1004-3209	TY1002-039
361472	82.00	1.00	77.0	122	30.5	36	11.0:1	2.3	293	U	F	JG1004-3228	TY1002-039

TOYOTA 4A-GE 20V 20MM PIN SILVER TOP

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. **** 191mm Block Height***

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .048	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
361473	81.00	STD	77.0	122	30.5	36	12.0:1	6.8	288	U	F	JG1004-3189	
361474	81.50	0.50	77.0	122	30.5	36	12.0:1	6.5	290	U	F	JG1004-3209	
361475	82.00	1.00	77.0	122	30.5	36	12.0:1	6.1	297	U	F	JG1004-3228	

TOYOTA 4A-GE 20V 20MM PIN BLACK TOP

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy. **** 191mm Block Height***

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .048	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
361473	81.00	STD	77.0	122	30.5	38	11.5:1	6.8	288	U	F	JG1004-3189	
361474	81.50	0.50	77.0	122	30.5	38	11.5:1	6.5	290	U	F	JG1004-3209	
361475	82.00	1.00	77.0	122	30.5	38	11.5:1	6.1	297	U	F	JG1004-3228	

TOYOTA FRS 4U-GSE / TOYOTA GT-86 4U-GSE / SUBARU BRZ FA20 2012+

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .026	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
315114	86.00	STD	86.0	129.3	32.75	39	9.5:1	-16.4	325	T	F	JG1004-3386	
359150	86.25	0.25	86.0	129.3	32.75	39	9.5:1	-16.7	319	T	F	JG1004-3396	
315115	86.50	0.50	86.0	129.3	32.75	39	9.5:1	-17.0	321	T	F	JG1004-3405	
315116	87.00	1.00	86.0	129.3	32.75	39	9.5:1	-17.7	322	T	F	JG1004-3425	
315117	86.00	STD	86.0	129.3	32.75	39	10.5:1	-10.2	312	T	F	JG1004-3386	
359151	86.25	0.25	86.0	129.3	32.75	39	10.5:1	-10.5	318	T	F	JG1004-3396	
315118	86.50	0.50	86.0	129.3	32.75	39	10.5:1	-10.7	318	T	F	JG1004-3405	
315119	87.00	1.00	86.0	129.3	32.75	39	10.5:1	-11.3	321	T	F	JG1004-3425	
367898	86.00	STD	86.0	129.3	32.75	39	10.5:1	-10.2		Ultra	F	JG1004-3386	
367899	86.25	0.25	86.0	129.3	32.75	39	10.5:1	-10.5		Ultra	F	JG1004-3396	
367900	86.50	0.50	86.0	129.3	32.75	39	10.5:1	-10.7		Ultra	F	JG1004-3405	
367901	87.00	1.00	86.0	129.3	32.75	39	10.5:1	-11.3		Ultra	F	JG1004-3425	
359152	86.00	STD	86.0	129.3	32.75	39	12.5:1	-1.0	317	T	F	JG1004-3386	
359153	86.25	0.25	86.0	129.3	32.75	39	12.5:1	-1.3	321	T	F	JG1004-3396	
359154	86.50	0.50	86.0	129.3	32.75	39	12.5:1	-1.5	322	T	F	JG1004-3405	
359155	87.00	1.00	86.0	129.3	32.75	39	12.5:1	-2.0	330	T	F	JG1004-3425	
315120	86.00	STD	86.0	129.3	32.75	39	13.5:1	2.5	315	V	F	JG1004-3386	
359156	86.25	0.25	86.0	129.3	32.75	39	13.5:1	2.2	317	T	F	*	
315121	86.50	0.50	86.0	129.3	32.75	39	13.5:1	2.0	317	V	F	JG1004-3405	
315122	87.00	1.00	86.0	129.3	32.75	39	13.5:1	1.6	322	V	F	JG1004-3425	

TOYOTA 1987-92 SUPRA TURBO 7M-GTE

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

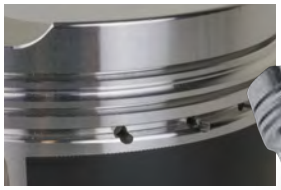
Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
302000	83.50	0.50	91.0	152	32.75	40	9.0:1	-16.2	291	T	F	JG1006-3287	
302001	84.00	1.00	91.0	152	32.75	40	9.0:1	-16.9	293	T	F	JG1006-3307	

TOYOTA 2020+ B58B30C

JE designs are specifically engineered for extreme applications up to, and including, professional competition. In this environment, the higher compression ratios, highest boost or heavy nitrous usage necessitate the higher tensile strength 2618 aluminum alloy.

Features:
Dome/Dish requires no deburring or preparation and feature smooth flowing radii for excellent flame travel.
Pin fitting, wire locks, and rings included.

Part #	Bore Size	Oversize (mm)	Stroke (mm)	Rod Length	C/D (mm)	Head CC's	C/R with .040	Dish/ Dome CC's	Gram Weight	Footnote	Skirt	Ring Set #	Pro Seal Head Gasket
371718	82.00	STD	94.6	148.2	33.2	36	10.5:1	-11.1	314	T	F	JG1201-3228	
371720	83.00	1.00	94.6	148.2	33.2	36	10.5:1	-12.3	317	T	F	JG1201-3268	



JE Sport Compact Footnotes: **F** - FSR (Forged Side Relief); **G** - Stock Block Must Be Re-Sleeved; **L** - Limited Availability; **M** - Made To Order; **N** - Must sleeve block; **R** - Full Round Skirt; **T** - Accepts Turbo and Nitrous; **U** - Not Designed for use with Turbo or Nitrous; **V** - Accepts Nitrous; **Ultra** - Ultra Series Pistons

PRO SEAL
PERFORMANCE SEALING PRODUCTS

Pro Seal Rings are available in a wide variety of bore sizes and material types. From street/strip applications to the ultimate in high end performance, the JE Pro Seal line is the most complete ring program in the industry.

PROFESSIONAL RACE SERIES

For the professional racer Pro Seal now offers ring combinations with reduced axial heights and radial widths. The combination of reduced radial and axial heights enable these rings better cylinder wall conformability. These steel rings utilize advanced materials and coatings, which help reduce friction and provide better ring seal. These ring sets include, Ultra Finish Rings (UFR), Critical Finish Rings (CFR), and Critical Tolerance Rings (CTR).

ULTRA FINISH RINGS

Pro Seal Ultra Finish Rings (UFR) are held to the most exacting tolerances in the industry. Specifically designed to compliment our Ultra Groove® custom piston options, these rings are finished to within +/-.000050" axial height to deliver unprecedented ring groove fit and sealing properties. The lapped Ultra Finish process also yields extremely flat, smooth ring sides that result in a surface finish of less than 4µRa (4 microinches).

CRITICAL FINISH RINGS

JE ProSeal Critical Finish Rings (CFR) present an alternative to Ultra Finish Rings with the same surface finish (< 4µRa) and a lapped axial height held within +/-.00015" at a more economical price.

CRITICAL TOLERANCE RINGS

Pro Seal Critical Tolerance Rings (CTR) are held to +/-.00015 axial height and an industry standard (<40µRa) surface finish. An economical alternative to our Critical Finish rings Pro Seal CTR's are available in many of our most popular ring types. Call your Pro Seal sales representative for availability.

PRO STEEL RING SETS - J750, J680

All new from Pro Seal, steel ring sets utilizing a high strength alloy steel top ring providing superior bore conformity, complimented by the outstanding seal and wear characteristics of a high velocity plasma moly inlay coating. Top ring weights are under 10 grams achievable as a result of reduced ring radials and short axial heights helping to minimize cylinder wall drag. Optional 2nd ring Napier hook profile design help to improve oil control and efficiency.

"HNS" HARDENED NITROUS SERIES

J820

Specially designed for use with turbo and nitrous applications these HNS top rings have 20% more tensile strength than conventional ductile iron top rings. They are available in 1/16" axial heights in both standard and reduced radial widths. D017 Dykes are in stock with custom Dykes or backcut sizes available.

PREMIUM RACE SERIES

J100, J200, J300, J400, J500, J600, J614, J615, J616, J640, J670, J690, J714, J880, J912, JG SERIES, JC SERIES

JE Premium Race Series rings feature the highest quality ductile iron top ring with the latest technology plasma-moly inlay. Taper faced reverse torsional second rings or Gapless® seconds are combined with either standard or low tension oil control rings.

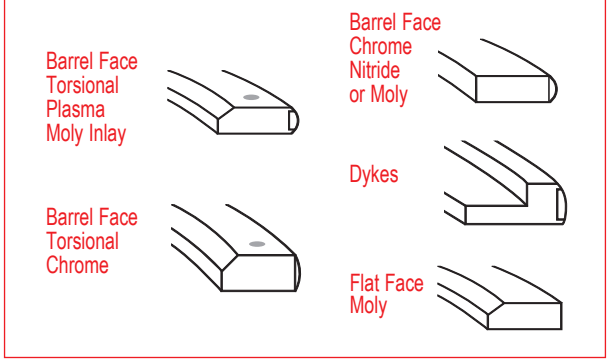
SPORTSMAN SERIES - S100S

Pro Seal Sportsman ring packages are manufactured in our most popular bore sizes, designed with the sportsman racer in mind. Featuring a ductile iron plasma-moly inlay top, premium iron taper faced second and standard tension oil rings, these rings are only available in sets with 1/16, 1/16, 3/16 axial heights.

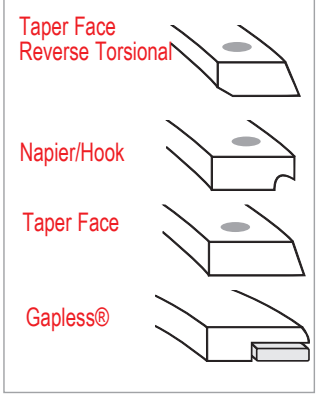
CUSTOM RING OPTIONS (SEE PAGE 168)

Pro Seal's ring manufacturing capabilities can provide custom ring solutions to your specific high performance needs. Our Custom Ring Department is armed with the latest equipment for ring design, manufacture and analysis. Pro Seal offers custom back-cutting to any desired radial thickness, custom chamfering to convert any neutral ring into a torsional ring. JE Pro Seal can also manufacture custom Dykes rings, and machine special axial heights on any ring. If you can't find the ring you're looking for in the catalog, give your JE sales representative a call, chances are we can make it.

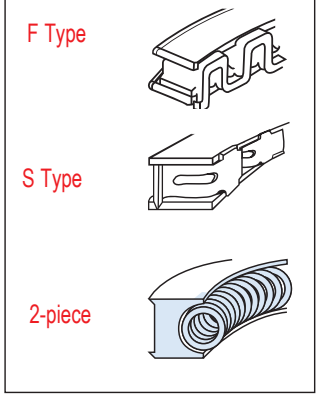
TOP RING STYLES



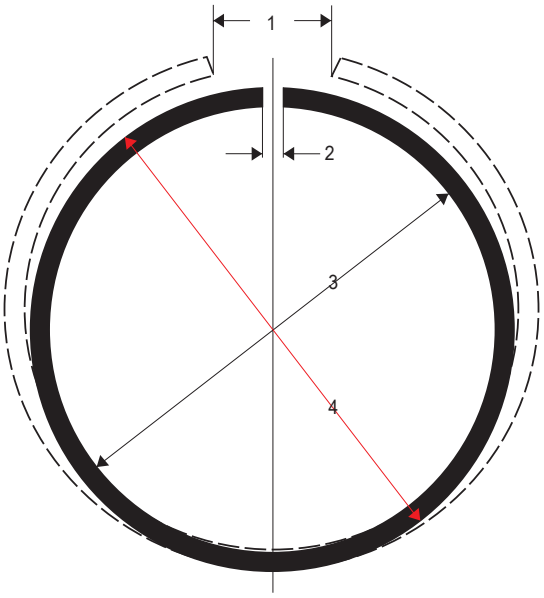
SECOND RINGS

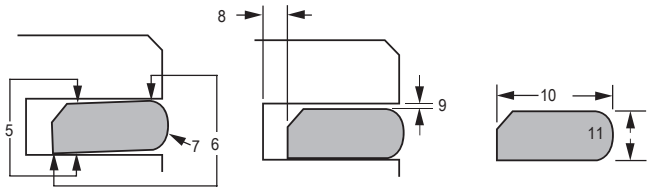


OIL RINGS



RING DIMENSIONS

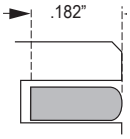




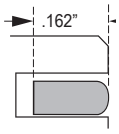
1. **FREE GAP:** The end gap clearance when the ring is not compressed
2. **END GAP:** The end gap clearance when the ring is compressed to the bore diameter
3. **INSIDE DIAMETER:** The inside diameter of the ring at bore diameter
4. **OUTSIDE DIAMETER:** The outside diameter of the ring at bore diameter
5. **RING AXIAL SIDES:** The top and bottom surfaces of the ring
6. **TORSIONAL TWIST:** The installed position of the ring due to a chamfered area on either ring side that helps the ring cross-seal
7. **RING FACE:** The section of the ring that contacts the cylinder wall
8. **BACK CLEARANCE:** Distance between the inside diameter of the ring and the back of the ring groove when the ring is flush with the ring land
9. **AXIAL CLEARANCE:** The distance between the ring axial height and the piston ring groove width
10. **RADIAL WIDTH:** The width of the ring in the radial direction
11. **AXIAL HEIGHT:** The height or the thickness of the ring in the axial direction

RING TERMINOLOGY

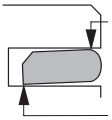
D-wall: A specification established by the Society of Automotive Engineers (S.A.E.) that dictates the radial width of a standard automotive piston ring by the use of the following formula; Bore diameter ÷ 22 = radial thickness. (4.000" ÷ 22=.182")



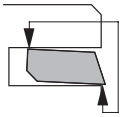
Back-cut: Used to describe a compression ring that has less than S.A.E. standard D-Wall radial thickness. Back-cutting is used to reduce natural radial ring tension. In applications with tight top ring land to piston intake valve pocket clearance problems, back cut rings allow the rings to be moved up toward the top of the piston which improves combustion efficency and provides more power.



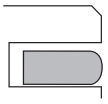
Positive Twist: An asymmetric change in the ring cross section that causes it to twist in an upward direction (towards the piston crown aiding ring sealing of the top and bottom of the ring groove. Positive twist is used only on top compression rings.



Reverse Twist: An asymmetric change in the ring cross section causing the ring to twist downward (towards the piston skirt) that enhances the second compression ring's oil scraping properties.

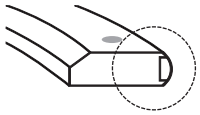


Neutral: A term used to describe a piston ring that has no torsional bias or twist.

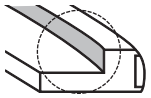


RINGFACE SHAPES

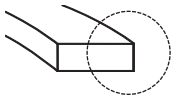
Barrel Face: Term used to describe the curved section of the ring that is in contact with the cylinder wall. Used only on top compression rings.



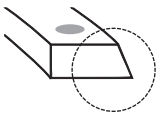
Dykes: A step cut into a top compression ring that helps to direct gas pressure to the shaded area on the back side of the ring, improving ring to cylinder wall seal.



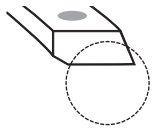
Flat Face: Simple flat rectanglular shape

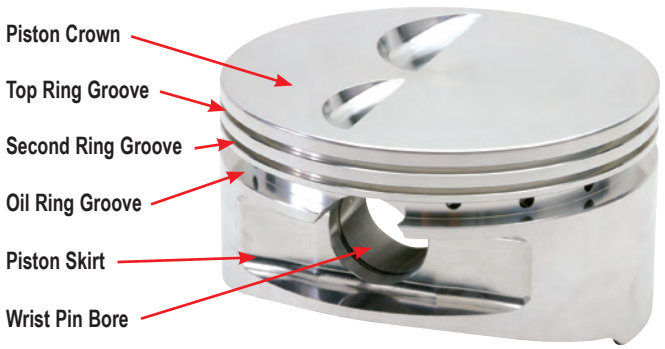


Taper Face: Describes the angled face of the second compression ring that scrapes excess oil from the cylinder wall surface. Used only on second rings.



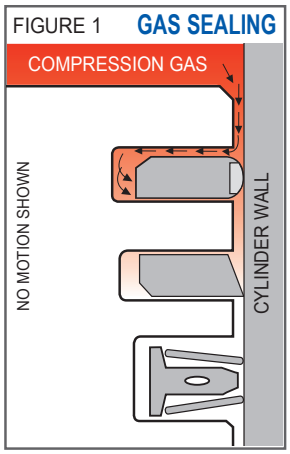
Napier: A special hooked shape found on the underside of some second compression rings used to more efficiently remove excess oil from the cylinder walls.

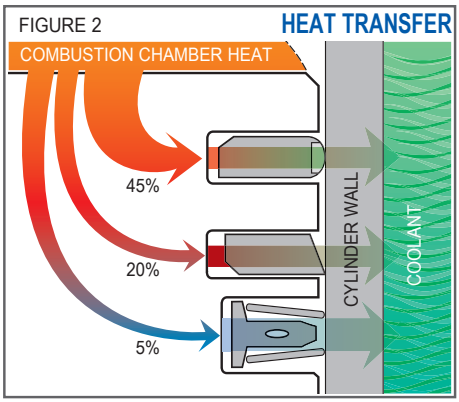


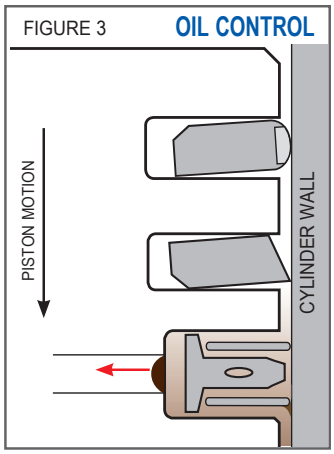


RING FUNCTIONS

Piston rings serve three basic functions in an automotive engine, gas sealing, heat transfer, and oil control. The primary duty of the top compression ring is to provide a seal that prevents combustion gas or pressure from bypassing the piston. This is achieved by maintaining contact with the cylinder wall at all times. The second compression ring also assists the top ring in its sealing function, although its main purpose is to provide a secondary form of oil control for oil that has bypassed the oil ring (fig. 1). Secondly, both compression rings and the oil control ring transfer the heat of combustion from the piston to the cylinder wall where it is then transferred to the cooling system (fig. 2). Lastly, the second compression and oil ring also serve as an oil control system regulating the film of oil on the cylinder wall. As the piston moves downward, the sharp edges of the second ring and the two rails scrape the top layer of oil off the cylinder wall, leaving only a very thin layer behind. The excess oil is discharged by three methods. Most simply gets scraped by the lower oil ring rail back down into the oil pan. Some excess gets forced into "drain back" holes in the oil ring groove, to the interior of the piston and then back to the oil pan. If the piston has "pressurized pin oilers", the remainder gets forced into holes in the oil ring groove through the pin bosses into the wrist pin reservoir, then directly onto the wrist pin.







RINGS TRANSFER 70% OF COMBUSTION CHAMBER HEAT INTO THE CYLINDER WALL

(All figures shown are close approximations)

TOP RINGS

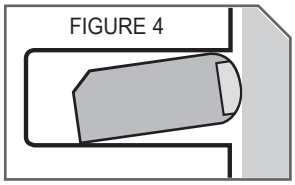
The top compression ring is responsible for creating a seal with the cylinder wall to maintain combustion chamber pressure. The top ring also transfers up to 45% of the heat generated by the combustion process to the cylinder wall en route to the engine cooling system. Pro Seal top compression rings are available in a variety of shapes (see illustrations below), sizes and material types that allow you to choose the most efficient and economical ring to suit your application.

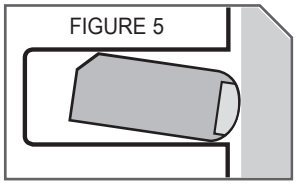
Most Pro Seal top compression rings have a barrel face with a positive torsional twist. This twisted configuration takes up the axial clearance in the groove, providing a better cross sealing.

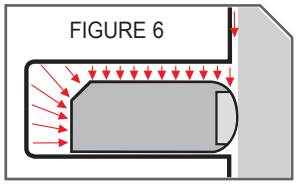
During most of the intake stroke, the piston ring twists upward because of the chamfer while the barrel face utilizes its lower half to maintain contact with the cylinder wall (fig. 4).

On the compression and exhaust strokes, the ring may sit flat on the groove surface (fig. 6) or be twisted upwards (fig. 4) or downwards (fig. 5), depending on the size of the chamfer, inertia forces at top and bottom of stroke and combustion chamber pressures (most notable when piston is near top dead center).

A third position is achieved during the power/combustion stroke. Although inertial forces direct the ring upward, combustion pressure forces the ring to the bottom of the ring groove and forward against the cylinder wall.

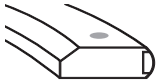




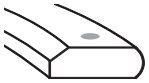


Illustrations are exagerated for demonstration purposes

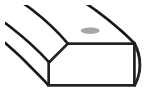
TOP RING SHAPES AND TYPES



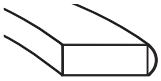
Barrel Face
Torsional
Plasma Moly Inlay



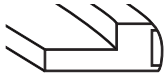
Barrel Face
Torsional
HNS and Tool Steel



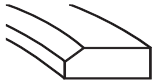
Barrel Face
Torsional
Chrome



Barrel Face
Chrome
Nitride or Moly



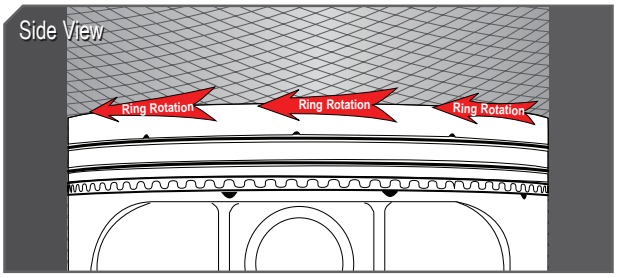
Dykes

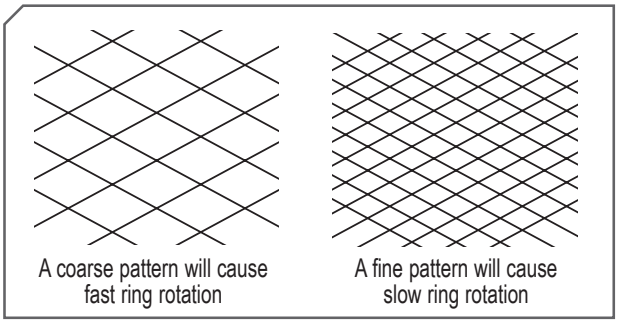


Flat Face
Torsional

RING ROTATION

Ring rotation is critical for the distribution of heat to lower temperature sections of the piston and the cylinder wall. If the rings were stationary in the ring groove, the piston and cylinder wall would experience excessive heat in localized areas. This condition can cause scuffing of the cylinder wall, premature wear, piston to ring microwelding and possibly ring butting. The rate at which the ring rotates is determined by the piston rods, friction between the ring sides, bore finish, and cross hatch angle.





GAS PORTING

Combustion pressure can be directed behind the top ring with the addition of vertical or lateral gas ports on the piston. Vertical gas ports are small holes drilled into the top (or deck side) of the piston that lead to the back of the top ring groove. These holes allow combustion pressure to enter the top ring groove directly behind the ring on the combustion stroke forcing the ring face against the cylinder wall for maximum seal (fig. 7). Lateral gas ports perform the same function by providing a pathway for the combustion pressure to enter the ring groove with less interference (fig. 8). Gas ports are extremely beneficial when using reduced radial width and low tension top rings. They aid in ring seal on the combustion stroke while reducing friction and drag on the remaining strokes that can rob the engine of horsepower. As a general rule, vertical gas ports are mainly used in drag race applications while lateral gas ports are used for circle track and endurance racing (vertical gas ports tend to plug with carbon more than lateral gas ports and are usually application specific).

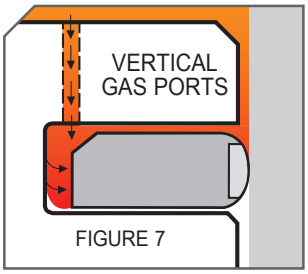


FIGURE 7

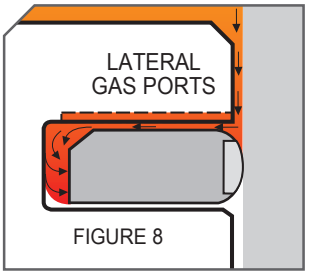
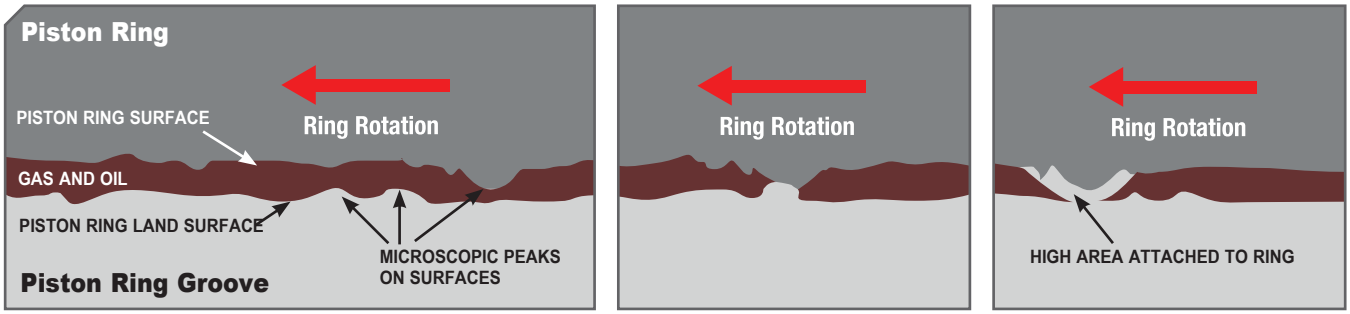


FIGURE 8

WHAT IS MICROWELDING?

Micro-welding occurs when piston material from the ring groove transfers onto the axial side surface of the ring itself. As a result, ring rotation begins to deteriorate followed by increased blow-by due to the ring losing bore conformity and torsional twist. As material transfer continues, axial clearance disappears and the ring will eventually become lodged in place, having welded itself to the groove. Micro-welding is typically seen only on top rings and is most common where the axial clearance between the ring and its groove become too tight for the conditions or application. In order to help alleviate this problem, JE offers our exclusive Ultra Groove machining process to vastly reduce the microscopic waves and bumps left by conventional machining methods. To further improve ring groove quality, JE offers hard anodizing of the piston top ring groove, which creates a very hard, durable contact surface. When combined with our UFR or CFR rings, axial clearances can be greatly reduced while also significantly reducing the possibility of micro-welding.



SECOND RINGS

The most conventional second ring shape is a taper faced reverse-torsional twist. The tapered face of the ring acts as a wiper that scrapes excess oil from the cylinder wall (fig. 9). It is important to prevent oil from entering the combustion process as this can lead to detonation which in turn increases carbon build up and raises both piston and oil temperatures. The chamfer machined in the back, under-side of the ring produces a twist in the ring, which enhances its cross-sealing properties.

Second rings are also available from Pro Seal in the Napier or "hook" style ring face. This design is considered superior to a tapered face design as the hook shape actually channels oil flow back down the cylinder wall and away from the underside of the ring (fig. 10).

FIGURE 9: TAPER FACE RING

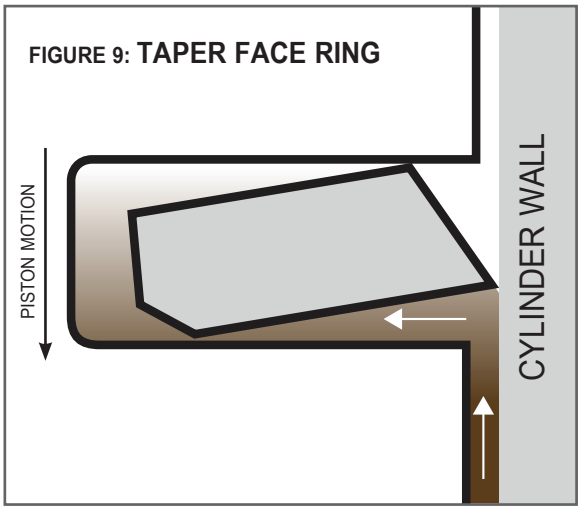
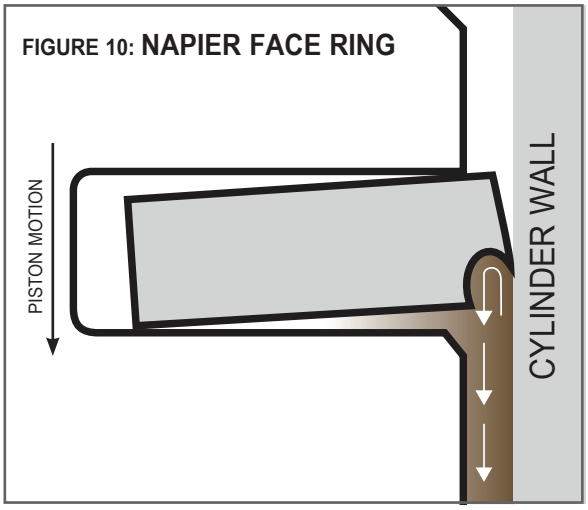


FIGURE 10: NAPIER FACE RING



OIL RINGS

The function of an oil ring is to remove oil from the cylinder wall. In most cases, an oil ring is actually three pieces, consisting of two rails with an expander in between them. As an engine's rotating assembly continuously slings oil and creates a heavy oil mist within the crank case, oil accumulates on the cylinder walls, crank, rods, and piston skirts. However, the oil film will tend to remain in contact with the cylinder wall as the piston slides across it, so a method of scraping and scavenging this oil is necessary to keep it out of the combustion chamber. While both the oil ring rails and the 2nd ring perform this scraping function, only the oil ring has a method for scavenging this oil. A three-piece mechanism all its own, the oil ring uses piston motion to create a "pumping" action which redirects accumulated oil to drain back holes or wrist pin oiling holes drilled in the piston.

Pro Seal oil rings are offered in either high, standard or low tension versions. High and standard tension rings are most commonly used in street/strip wet sump style engines and engines using forced induction or bolt-on power adders. Pro Seal is the first to offer standard tension oil rings with a 3mm axial height.

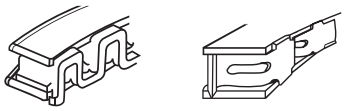
Low tension oil rings are most commonly used in dry sump applications. The advantage of a low tension oil ring is less friction along the cylinder wall, which generally leads to more power. Because the scavenging section of the dry sump system remove so much oil from the crank case and cylinder walls, low tension rings are sufficient to provide proper oil control.

Most Pro Seal oil rings are equipped with chrome plated rails (non-chrome plated rails are also available). Titanium Nitride coating (TiN) of oil ring rails is also available as a custom option for any Pro Seal Oil ring. This coating provides additional wear resistance for extreme applications, has a very low coefficient of friction, and is compatible with Nikasil bores.

Pro Seal Oil Rings are available with two different types of expanders. The "F Type" style expander (fig. 11) is most commonly used in low tension oil rings and features a wave shaped pattern that alternates between the top and bottom oil ring rails. The "S Type" style expander is more common in standard tension oil rings and uses holes in the humps (fig. 4) to provide an oil passageway to the back side of the ring and ultimately out through the oil drain back holes. In some instances, specifically in horizontally opposed cylinder orientation, a 2-piece oil ring is preferred. Two-piece oil rings are the original equipment ring for Porsche® and are usually compatible with Nikasil bores. They consist of a cast iron "M-shaped" outer ring with spiralspring spacer inside (fig. 12). JE offers OE replacement ring sets with 2-piece oil rings in popular bore sizes for Porsche and other engines. Please call your JE sales representative for further information.

FIGURE 11

REAR ISOMETRIC VIEW

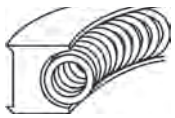


F TYPE OIL RING

S TYPE OIL RING

FIGURE 12

REAR ISOMETRIC VIEW



2-PIECE OIL RING

RING FACE COATINGS

JE offers a variety of ring face coatings specifically designed for individual operating requirements. The main types are Plasma Moly, CrN (Chromium Nitride), TiN (Titanium Nitride), and base ring material gas nitriding. These face coatings provide a wear and scuff resistant face against the cylinder wall while also providing a very low coefficient of friction. These coatings are applied using PVD and PACVD (Plasma Assisted Chemical Vapor Deposition) processes and are the premier ring coatings available today. Contact your Pro Seal sales representative for more details.

CrN (Chromium Nitride) – A thin film applied to the ring face which provides a moderate level of surface hardness with an extremely low coefficient of friction.

GAS NITRIDED – A process used to harden the perimeter of a ring where nitrogen atoms penetrate the base material and form an extremely hard outer layer that provides excellent wear and scuff resistance.

TiN (Titanium Nitride) – Similar to CrN coating; TiN is generally harder than CrN but w/ similar wear resistance.

RING AXIAL SIDE COATINGS

All non-stainless steel Pro Seal rings have a corrosive resistant coating that is specifically designed to enhance oil retention and to help prevent scuffing during early engine operation or "break in". Plasma Moly filled ductile iron rings are coated with a manganese phosphate while steel rings are coated with an iron oxide compound known as Ferrox. Both of these coatings prevent rust from accumulating while the rings are in the package and provide a porous outer layer that retains oil upon installation, to insure proper lubrication at engine start up.

RING MATERIALS

Most U.S. domestic original equipment engines use cast iron top and second compression rings. This material is fine for low rpm applications with a relatively low compression ratio.

Pro Seal rings are constructed from either ductile iron, steel, or stainless steel for greater strength and elasticity. Ductile iron is a very versatile material that is good for most high performance applications. These rings are available with either a plasma moly inlay face or hardened for nitrous, turbo and blown applications.

Steel and stainless steel rings are better suited for extremely high rpm applications. The higher tensile strength of steel also helps it to withstand the added abuse of high power output engines. Both steel and stainless steel are commonly used in applications where extremely thin and narrow rings are required.

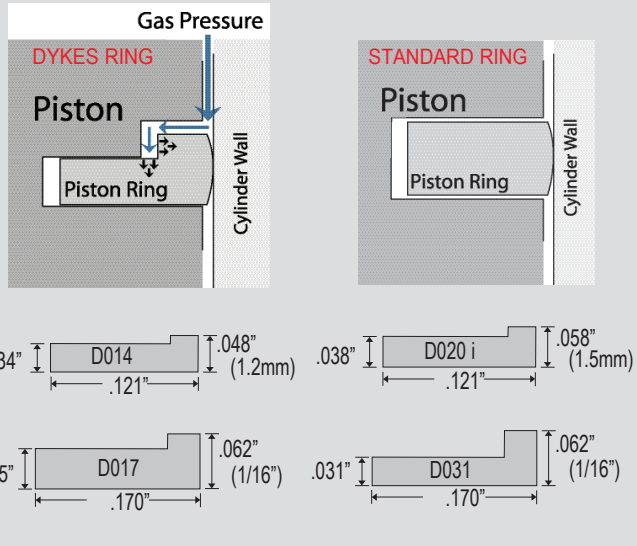
Use the performance matrix on page 162 to help determine which ring material and style suits your racing engine or call your Pro Seal sales representative.

PLASMA-MOLY – Is a face coating which provides a hard, wear resistant surface on a barrel shaped ring face that is able to maintain a very low coefficient of friction. The process involves spraying an alloyed powder that contains various chemistries of Molybdenum, Nickel, Chromium and small amounts of other trace elements, into a small channel on the face of the ring by forcing the powder through an electrical arc in the presence of compressed Argon or other gases. Under extreme heat, this powder turns into molten droplets and is carried to the ring on a stream of shielding gas, filling the inlay groove, bonding to the face of the ring.

ABOUT DYKES RINGS

If you want maximum ring seal for your drag racing application, talk to your JE salesman about Dykes Rings. On the power and compression strokes of your engine, the gas pressure loads the ring against the cylinder wall and the bottom of the ring groove to create a better seal for increased horsepower. On the remaining two strokes, the ring relaxes giving you the reduced pressure created by the ring's natural radial tension thus reducing frictional drag.

The four most common types of Dyke cut top rings are the D017, the D031, the D014 and the D020 i. All D017 and D031 rings have an axial height of 1/16". The D014 and the D020i are metric rings and have axial heights of 1.2mm and 1.5mm respectively. Both the D017 and the D014 are for use on forced induction and nitrous applications. Although the D020 i can be used on forced induction engines as well, it is generally used on naturally aspirated engines. The D031 ring is for use only on naturally aspirated engines.



RING GAP FILING PROCEDURES

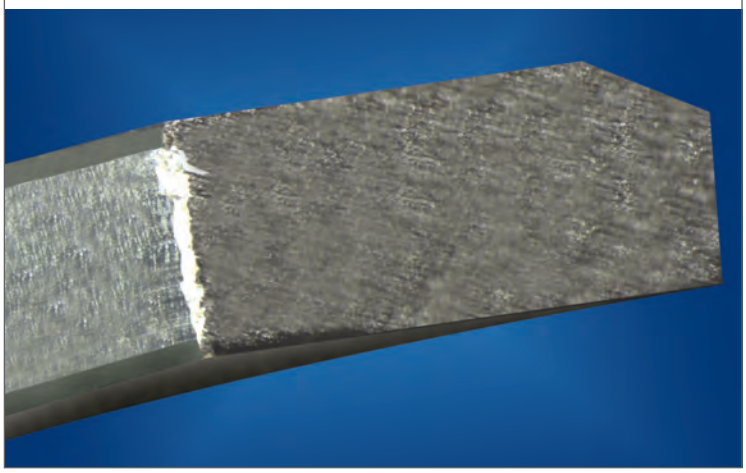
- Check the ring gap chart (below) to determine the appropriate end gap for your bore size and application.
- The prefered method of ring grinding is to use a quality electric ring grinding machine. Where costs are a consideration the use of a manual hand crank style grinder works.
- Always file from the ring face towards the inside diameter of the ring to avoid chipping and/or marring the face coating.
- File only one end of the ring, using the unfiled end as a reference point.
- Deburr all gap edges with a soft stone or Cratex type product.

RING GAP CHART

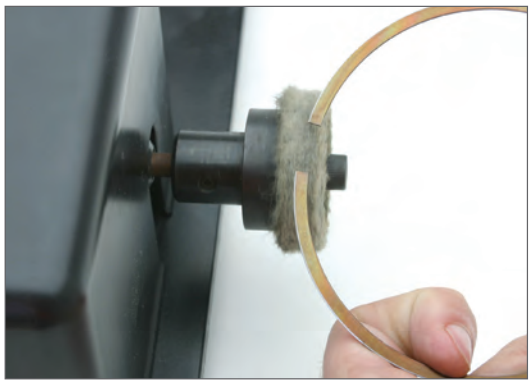
	Minimum Gap Per Inch of Bore		
	Top Ring	2nd Ring	Oil Ring Rail
Application	Bore x	Bore x	Min. Gap
High-Perf. Street/Strip	.0045”	.0050”	.015”
Street Moderate Turbo/Nitrous	.0050”	.0055”	.015”
Late Model Stock	.0050”	.0053”	.015”
Circle Track/Drag Race	.0055”	.0057”	.015”
Nitrous Race Only	.0070”	.0073”	.015”
Blown Race Only	.0060”	.0063”	.015”

NOTE: The chart above is a general end gaps guideline. Each ring should be fitted to the particular cylinder in which they are to be installed. A difference in bore diameter of .001” should increase the ring gap by a factor of pi (3.1416, example: .001 x 3.1416 = .0031). The gap on the second ring should always be larger than the top ring end gap, this will help to reduce top ring flutter.

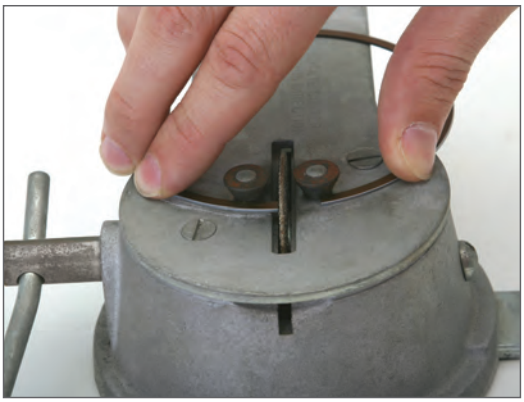
Magnified photo of incorrectly ground ring end gap. Please use extreme caution when hand grinding, it is possible to chip/flake the plasma moly out of the inlay groove.



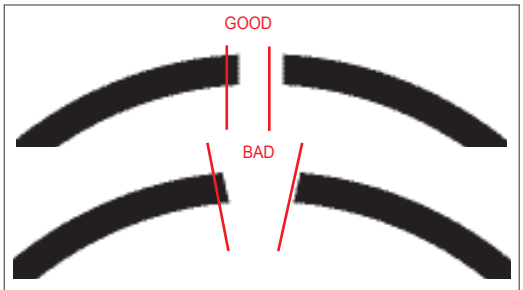
ELECTRIC RING GRINDER



ELECTRIC STYLE DEBURR WHEEL



MANUAL STYLE RING GRINDER



USE EXTREME CAUTION WHEN GRINDING RING END GAPS, TOO COARSE OF A STONE OR CUTTER CAN REMOVE MATERIAL TOO QUICKLY. BE SURE TO KEEP RING END GAPS SQUARE.

RING INSTALLATION

- Check each ring in its corresponding piston groove to ensure proper axial and radial clearance (fig. 1 & 2)
- Always install Pro Seal rings with indicator marks facing up (Sportsman rings without indicator should be installed as shown in fig. 3)
- Always use a ring expander when installing rings (see photos)
- Spiraling rings into ring grooves can damage both the ring and piston ring groove
- Lubricate new rings with light assembly oil or motor oil before installation
- Stagger end gaps on each compression ring, oil rails and expanders (fig. 4)

RING EXPANDER

axial clearance less than .001" requires top ring groove coating

Figure 1

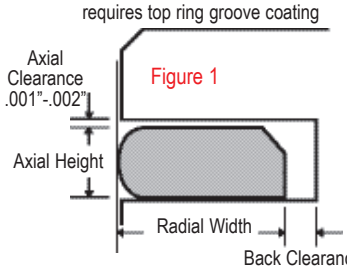
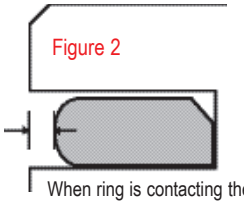
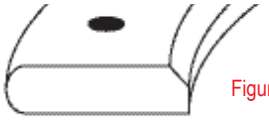


Figure 2

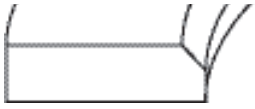


When ring is contacting the back of the groove, the ring face must not protrude past the piston lands

Figure 3

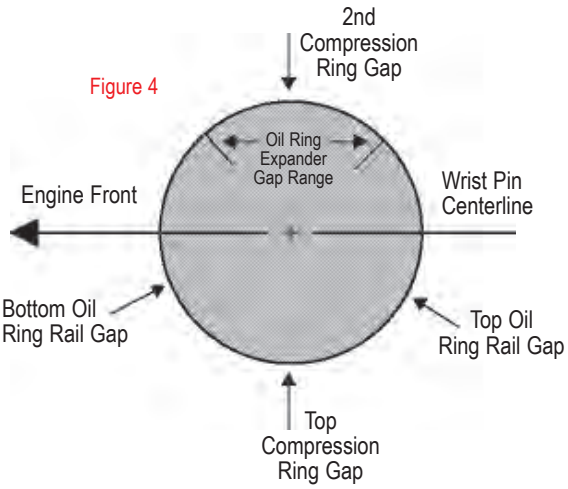


Top ring with indicator



Sportsman Top ring, install with bevel facing up

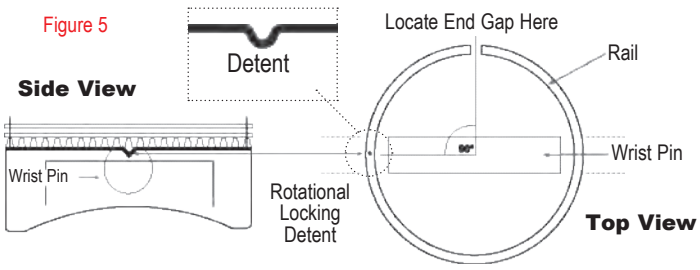
Figure 4



RAIL SUPPORTS

Pro Seal rail supports feature a special locking detent to prevent rotation of the oil rail. This detent should be positioned directly in line with the wrist pin (fig. 5). Keep the rail support gap 90º from the wrist pin bore opening.

Figure 5



RING SETS CONTAINING OIL RAILS WITH A TAB

When installed in a horizontally opposed engine, rail gaps should be installed as shown below (fig. 7). The rail tab must be installed below the oil ring expander with the tab facing toward the bottom of the ring groove extending into the split oil drain back hole (fig. 6). Use caution to not install the rail tab into the wrist pin oil hole.

Figure 6

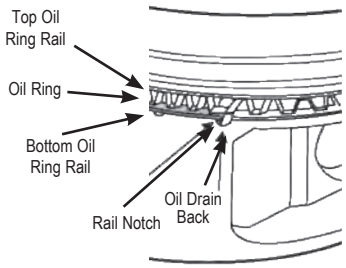
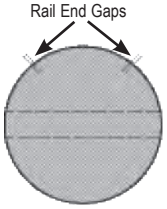


Figure 7

Example: Subaru



PERFORMANCE MATRIX

Use the performance/application matrix below to assist in selecting the ring type appropriate for your application. The installation/application column lists a variety of racing series and/or types with the corresponding ring type highlighted to the right. Color-coding has been used to indicate the proper application for each ring type listed for that series or usage/engine type. Blue indicates heavy use; red indicates moderate use, and yellow, infrequent use. If there is no color block associated with the ring type then it is usually not recommended for that application.

APPLICATION / RING TYPE	ULTRA FINISH	CRITCAL TOLERANCE	CUSTOM BACKCUT	STEEL PLASMA MOLY	HARDENED DUCTILE IRON DYKES CUT	HARDENED DUCTILE IRON	STEEL GAS NITRIDED	STEEL CHROME FACE	PLASMA MOLY BACKCUT	PLASMA MOLY	PLASMA MOLY SPORTSMAN
NASCAR CUP/BUSCH/IRL											
ARCA, ASA, WOO SPRINT CARS											
DIRT LATE MODEL											
LIMITED SPRINT, OVAL DIRT TRACK											
NHRA PRO STOCK											
NHRA COMP ELIMINATOR											
IMPORT DRAG, NMRA, NMCA											
12/24 HR ENDURANCE											
NHRA SUPER STOCK											
HIGH PERFORMANCE MARINE											
HEAVY DUTY OFF ROAD											
HIGH PERFORMANCE STREET/STRIP											
MID PERFORMANCE STREET/STRIP											
SPORTSMAN ENTHUSIAST											
O.E.M./DAILY USE											
	ULTRA/CRITICAL FINISH	CRITCAL TOLERANCE	CUSTOM BACKCUT	SERIES 750	SERIES 880H	SERIES 800-870	SERIES JG	SERIES JC, JXC	SERIES 600-690, 700-770, 900-960	SERIES 100-500	SERIES S100S

- Widely used in this category
- Good for some applications
- Infrequently used in this category
- Cost/performance prohibitive for this category

RING SET TYPE DECODER

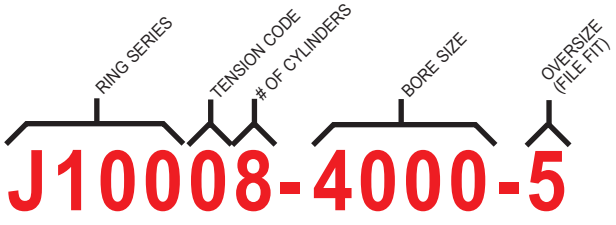
TOP RING CODES

CODE	DESCRIPTION (MATERIAL, COATING, SHAPE)
CMB	Carbon Steel, Plasma Moly, Barrel Face, D-wall, Torsional
CMR	Carbon Steel, Plasma Moly, Barrel Face, Back Cut, Torsional
CNN	Carbon Steel, Nitride, Flat Face, Neutral twist
CNR	Carbon Steel, Nitride, Barrel Face, Back Cut, Torsional
CNS	Carbon Steel, Nitride, Barrel Face, Back Cut, Neutral
CUB	Carbon Steel, Chrome, Barrel Face, D-wall, Torsional
CUR	Carbon Steel, Chrome, Barrel Face, Back Cut, Torsional
CUS	Carbon Steel, Chrome, Barrel Face, Back Cut, Neutral
DMB	Ductile Iron, Plasma Moly, Barrel Face, D-wall, Torsional
DMD	Ductile Iron, Plasma Moly, Dykes
DMK	Ductile Iron, Plasma Moly, Flat Face, Torsional
DMR	Ductile Iron, Plasma Moly, Barrel Face, Back Cut, Torsional
DNS	Ductile Iron, Nitride, Barrel Face, Back Cut, Neutral
DUH	Ductile Iron, Chrome, Barrel Face D-wall, Neutral
HPB	Hard Ductile Iron, Phospate, Barrel Face, D-wall, Torsional
HPD	Hard Ductile Iron, Phospate, Dykes
HPR	Hard Ductile Iron, Phospate, Barrel Face, Back Cut, Torsional
IEB	Iron, Moly Fill, Barrel Face, D-wall, Torsional
IES	Iron, Moly Fill, Barrel Face, Back Cut, Neutral
IMB	Iron, Plasma Moly, Barrel Face, D-wall, Torsional
IMH	Iron, Plasma Moly, Barrel Face D-wall, Neutral
IPA	Iron, Phospate, Taper Face, Back Cut, Neutral
IPL	Iron, Phospate, Taper Face, Positive Twist
SAS	Stainless Steel, IP (CrN-soft), Barrel Face, Back Cut, Neutral
SDR	Stainless Steel, Composite Nitride, Barrel Face, Back Cut, Torsional
SGR	Stainless Steel, Titan Nitride, Barrel Face, Back Cut, Neutral
SNS	Stainless Steel, Nitride, Barrel Face, Back Cut, Neutral

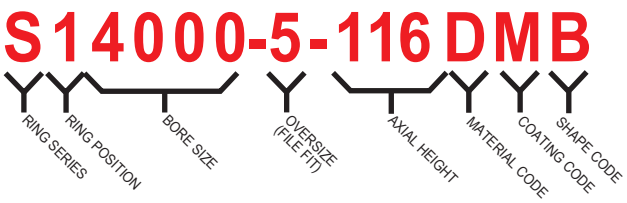
SECOND RING CODES

CODE	DESCRIPTION (MATERIAL, COATING, SHAPE)
CUA	Carbon Steel, Chrome, Taper Face, Back Cut, Neutral
DPA	Ductile Iron, Phospate, Taper Face, Back Cut, Neutral
DPC	Ductile Iron, Phospate, Taper Face, Back Cut, Reverse Torsional
DPE	Ductile Iron, Phospate, Napier, Back Cut, Neutral
IFA	Iron, Ferroxide, Taper Face, Back Cut, Neutral
IFM	Iron, Ferroxide, Taper Face, Neutral
IFQ	Iron, Ferroxide, Tapered Under Cut, Neutral
IFU	Iron, Ferroxide, Tapered Undercut-NonContinous Neutral
IMT	Iron, Ferroxide, Taper Face, D-wall, Reverse Torsional
INM	Iron, Nitride, Taper Face, Neutral
IPA	Iron, Phospate, Taper Face, Back Cut, Neutral
IPC	Iron, Phospate, Taper Face, Back Cut, Reverse Torsional
IPE	Iron, Phospate, Napier, Back Cut, Neutral
IPG	Iron, Phospate, Gapless
IPK	Iron, Phospate, Flat Face, Torsional
IPL	Iron, Phospate, Taper Face, Positive Twist
IPQ	Iron, Phospate, Tapered Under Cut, Neutral
IPT	Iron, Phospate, Taper Face, D-wall, Reverse Torsional
IPU	Iron, Phospate, Tapered Undercut-NonContinous Neutral
IPX	Iron, Phospate,
IUA	Iron, Chrome, Taper Face, Back Cut, Neutral
IUL	Iron, Chrome, Taper Face, Positive Twist
IUM	Iron, Chrome, Taper Face, Neutral
IUQ	Iron, Chrome, Tapered Under Cut, Neutral
IUS	Iron, Chrome, Barrel Face, Back Cut, Neutral
IUU	Iron, Chrome, Tapered Undercut-NonContinous Neutral
SNA	Stainless Steel, Nitride, Taper Face, Back Cut, Neutral

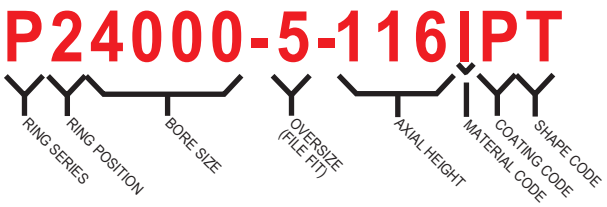
RING SERIES PART NUMBER BREAKDOWN



TOP RING PART NUMBER BREAKDOWN



SECOND RING PART NUMBER BREAKDOWN



OIL RING PART NUMBER BREAKDOWN

OIL RING TENSION CODE LEGEND

Code	Oil Tension in Pounds	Code	Oil Tension in Pounds
A	1-2	J	17-18
B	3-4	K	19-20
C	5-6	L	21-22
D	7-8	M	23-24
E	9-10	N	25-26
F	11-12	P	27-28
G	13-14	Q	29-30
H	15-16		

SHAPE CODES (OIL RINGS)

F	Flexvent
P	2 Piece
S	SS50U Style
U	U-flex

OIL RING TYPES

CODE	DESCRIPTION (MATERIAL, COATING, SHAPE)
CNF	Carbon Steel, Nitride, Flex Vent
CNS	Carbon Steel, Nitride, SS50U Style
CUF	Carbon Steel, Chrome, Full Seal, Flex Vent
CUS	Carbon Steel, Chrome, SS50U Style
IPD	Iron, Phosphate, 2pc W/Inner Spring Dbl Bevel
SCF	Stainless Steel, IP (CrN-Hard), Flex Vent
SNF	Stainless Steel, Nitride, Flex Vent

PRO SEAL DIAMETRIC RING CHART

			TOP RING			SECOND RING			OIL RING				
Series	Bore	Bore in mm	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	# in Set	Ring Set Part #
JC36	2.283	57.99	1.0mm	0.093	CUS	1.2mm	0.106	IPA	2.5mm	0.103	CUS	1	JC3601-2283
XA	2.362	59.99	.8mm	0.101	CUS	.8mm	0.101	DPA	1.5mm	0.095	CUF	1	XA6000
XA	2.441	62.00	.8mm	0.101	CUS	.8mm	0.101	DPA	1.5mm	0.095	CUF	1	XA6200
XA	2.520	64.01	.8mm	0.101	CUS	.8mm	0.101	DPA	1.5mm	0.095	CUF	1	XA6400
XA	2.559	65.00	.8mm	0.101	CUS	.8mm	0.101	DPA	1.5mm	0.095	CUF	1	XA6500
XC	2.559	65.00	1.0mm	0.107	CUS	1.2mm	0.115	IPA	2.8mm	0.119	CUS	1	XC6500
XC	2.579	65.51	1.0mm	0.107	CUS	1.2mm	0.115	IPA	2.8mm	0.117	CUS	1	XC6550
JC38	2.598	65.99	.8mm	0.109	CUR	2 Ring			1.5mm	0.095	CUF	1	JC3801-2598
XA	2.598	65.99	.8mm	0.109	CUS	.8mm	0.109	DPA	1.5mm	0.095	CUF	1	XA6600
XC	2.598	65.99	1.0mm	0.107	CUS	1.2mm	0.115	IPA	2.8mm	0.117	CUS	1	XC6600
XA	2.618	66.50	.8mm	0.109	CUS	.8mm	0.109	DPA	1.5mm	0.095	CUF	1	XA6650
XA	2.637	66.98	.8mm	0.109	CUS	.8mm	0.109	DPA	1.5mm	0.095	CUF	1	XA6700
XC	2.638	67.01	1.0mm	0.107	CUS	1.2mm	0.115	IPA	2.8mm	0.117	CUS	1	XC6700
XA	2.657	67.49	.8mm	0.109	CUS	.8mm	0.109	DPA	1.5mm	0.095	CUF	1	XA6750
JC38	2.677	68.00	.8mm	0.109	CUR	2 Ring			1.5mm	0.095	CUF	1	JC3801-2677
XA	2.677	68.00	.8mm	0.109	CUS	.8mm	0.109	DPA	1.5mm	0.095	CUF	1	XA6800
XC	2.677	68.00	1.0mm	0.107	CUS	1.2mm	0.115	IPA	2.8mm	0.117	CUS	1	XC6800
JC38	2.688	68.28	.8mm	0.109	CUR	2 Ring			1.5mm	0.095	CUF	1	JC3801-2688
XA	2.716	68.99	.8mm	0.109	CUS	.8mm	0.109	DPA	1.5mm	0.095	CUF	1	XA6900
JC38	2.756	70.00	.8mm	0.109	CUR	2 Ring			1.5mm	0.095	CUF	1	JC3801-2756
XA	2.756	70.00	.8mm	0.109	CUS	.8mm	0.117	DPA	1.5mm	0.095	CUF	1	XA7000
XC	2.756	70.00	1.0mm	0.107	CUS	1.2mm	0.123	IPA	2.8mm	0.117	CUS	1	XC7000
XC	2.795	70.99	1.0mm	0.107	CUS	1.2mm	0.123	IPA	2.8mm	0.117	CUS	1	XC7100
XA	2.834	71.98	.8mm	0.109	CUS	.8mm	0.117	DPA	1.5mm	0.095	CUF	1	XA7200
XC	2.834	71.98	1.0mm	0.107	CUS	1.2mm	0.130	IPA	2.8mm	0.117	CUS	1	XC7200
JC47	2.855	72.52	1.0mm	0.115	CUS	1.2mm	0.115	IPC	2.8mm	0.125	CUF	4	JC4704-2855
JG10	2.874	73.00	1.0mm	0.110	CNS	1.2mm	0.122	DPE	2.8mm	0.116	CNF	4	JG1004-2874
XA	2.874	73.00	.8mm	0.109	CUS	.8mm	0.117	DPA	1.5mm	0.095	CUF	1	XA7300
XC	2.874	73.00	1.0mm	0.107	CUS	1.2mm	0.130	IPA	2.8mm	0.117	CUS	1	XC7300
JG10	2.894	73.51	1.0mm	0.110	CNS	1.2mm	0.130	DPE	2.8mm	0.128	CNF	4	JG1004-2894
XA	2.894	73.51	.8mm	0.109	CUS	.8mm	0.117	DPA	1.5mm	0.095	CUF	1	XA7350
XA	2.913	73.99	.8mm	0.109	CUS	.8mm	0.117	DPA	1.5mm	0.095	CUF	1	XA7400
XC	2.914	74.02	1.0mm	0.107	CUS	1.2mm	0.130	IPA	2.8mm	0.117	CUS	1	XC7400
XA	2.933	74.50	.8mm	0.109	CUS	.8mm	0.117	DPA	1.5mm	0.095	CUF	1	XA7450
JG10	2.953	75.01	1.0mm	0.110	CNS	1.2mm	0.130	DPE	2.8mm	0.128	CNF	4	JG1004-2953
XC	2.953	75.01	1.0mm	0.107	CUS	1.2mm	0.130	IPA	2.8mm	0.117	CUS	1	XC7500
XC	2.953	75.01	1.0mm	0.109	CUS	1.0mm	0.123	DPA	2.0mm	0.132	CUS	1	XG7500
JXC	2.963	75.26	1.0mm	0.114	CUS	1.2mm	0.118	IPT	2.8mm	0.125	CUF	4	JXC0F4-2963-0
JC23	2.972	75.49	1.2mm	0.119	CUS	1.5mm	0.135	IFM	3.0mm	0.115	CUS	4	JC2304-2972
JG10	2.972	75.49	1.0mm	0.110	CNS	1.2mm	0.130	DPE	2.8mm	0.128	CNF	4	JG1004-2972
JXC	2.972	75.49	1.0mm	0.118	CUS	1.2mm	0.130	IPT	2.8mm	0.130	CUF	4	JXC0F4-2972-2
XC	2.972	75.49	1.0mm	0.107	CUS	1.2mm	0.130	IPA	2.8mm	0.119	CUS	1	XC7550
JC34	2.992	76.00	1.2mm	0.116	CUS	2 Ring			2.0mm	0.132	CUF	1	JC3401-2992
JG10	2.992	76.00	1.0mm	0.110	CNS	1.2mm	0.130	DPE	2.8mm	0.128	CNF	4	JG1004-2992
XC	2.992	76.00	1.0mm	0.117	CUS	1.2mm	0.138	IPA	2.8mm	0.130	CUS	1	XC7600
XG	2.992	76.00	1.0mm	0.116	CUS	1.0mm	0.124	DPA	2.0mm	0.132	CUS	1	XG7600
XC	3.012	76.50	1.0mm	0.117	CUS	1.2mm	0.138	IPA	2.8mm	0.130	CUS	1	XC7650
XG	3.012	76.50	1.0mm	0.124	CUS	1.0mm	0.124	DPA	2.0mm	0.132	CUS	1	XG7650
JC33	3.031	76.99	.9mm	0.108	CUR	2 Ring			1.5mm	0.094	CUF	1	JC3301-3031
JC35	3.031	76.99	.8mm	0.113	CUR	2 Ring			1.5mm	0.106	CUF	1	JC3501-3031
XC	3.031	76.99	1.0mm	0.117	CUS	1.2mm	0.138	IPA	2.8mm	0.130	CUS	1	XC7700
XG	3.031	76.99	1.0mm	0.124	CUS	1.0mm	0.124	DPA	2.0mm	0.132	CUS	1	XG7700
XU	3.031	76.99	.9mm	0.108	CUR	.8mm	0.110	CUA	1.5mm	0.094	CUF	1	XU7700
JC16	3.051	77.50	1.2mm	0.135	CUS	1.5mm	0.131	IUQ	4.0mm	0.131	CUS	4	JC1604-3051
JG00	3.051	77.50	1.2mm	0.119	CNS	1.2mm	0.143	IUL	2.8mm	0.127	CNS	4	JG0004-3051
JC34	3.071	78.00	1.2mm	0.124	CUS	2 Ring			2.0mm	0.132	CUF	1	JC3401-3071
JC42	3.071	78.00	1.2mm	0.123	CUS	1.2mm	0.126	IPC	2.8mm	0.130	CUF	4	JC42F4-3071
JG10	3.071	78.00	1.0mm	0.110	CNS	1.2mm	0.130	DPE	2.8mm	0.128	CNF	4	JG1004-3071
JG70	3.071	78.00	.9mm	0.115	SNS	2 Ring			1.5mm	0.106	SNF	1	JG7001-3071
XC	3.071	78.00	1.0mm	0.122	CUS	1.2mm	0.138	IPA	2.8mm	0.128	CUS	1	XC7800

PRO SEAL DIAMETRIC RING CHART

			TOP RING			SECOND RING			OIL RING				
Series	Bore	Bore in mm	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	# in Set	Ring Set Part #
XG	3.071	78.00	1.0mm	0.124	CUS	1.0mm	0.124	DPA	2.0mm	0.132	CUS	1	XG7800
JC30	3.091	78.51	1.2mm	0.123	CUS	1.5mm	0.135	IUA	2.8mm	0.115	CUS	4	JC3004-3091
JC30	3.091	78.51	1.2mm	0.123	CUS	1.5mm	0.135	IUA	2.8mm	..115	CUS	6	JC3006-3091
JG10	3.091	78.51	1.0mm	0.118	CNS	1.2mm	0.130	DPE	2.8mm	0.128	CNF	4	JG1004-3091
JC10	3.110	78.99	1.2mm	0.109	CUS	1.2mm	0.131	IPQ	3.0mm	0.105	CUS	4	JC1004-3110
JC34	3.110	78.99	1.2mm	0.124	CUS	2 Ring			2.0mm	0.132	CUF	1	JC3401-3110
JG10	3.110	78.99	1.0mm	0.118	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	4	JG1004-3110
XC	3.110	78.99	1.0mm	0.123	CUS	1.2mm	0.138	IPA	2.8mm	0.128	CUS	1	XC7900
XG	3.110	78.99	1.0mm	0.124	CUS	1.0mm	0.124	DPA	2.0mm	0.132	CUS	1	XG7900
XG	3.130	79.50	1.0mm	0.124	CUS	1.0mm	0.124	DPA	2.0mm	0.132	CUS	1	XG7950
JC34	3.150	80.01	1.2mm	0.124	CUS	2 Ring			2.0mm	0.132	CUF	1	JC3401-3150
JG10	3.150	80.01	1.0mm	0.126	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	4	JG1004-3150
JG10	3.150	80.01	1.0mm	0.126	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	6	JG1006-3150
JG70	3.150	80.01	.9mm	0.115	SNS	2 Ring			1.5mm	0.106	SNF	1	JG7001-3150
XC	3.150	80.01	1.0mm	0.130	CUS	1.2mm	0.138	IPA	2.8mm	0.130	CUS	1	XC8000
XG	3.150	80.01	1.0mm	0.124	CUS	1.0mm	0.124	DPA	2.0mm	0.132	CUS	1	XG8000
XC	3.169	80.49	1.0mm	0.130	CUS	1.2mm	0.138	IPA	2.8mm	0.130	CUS	1	XC8050
J180	3.188	80.98	1/16"	0.141	IMB	1/16"	0.151	IPT	4.0mm	0.150	CUF	2	J180F2-3188
JG10	3.189	81.00	1.0mm	0.126	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	4	JG1004-3189
JG10	3.189	81.00	1.0mm	0.126	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	5	JG1005-3189
JG10	3.189	81.00	1.0mm	0.126	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	6	JG1006-3189
JG90	3.189	81.00	1.2mm	0.119	CNS	1.5mm	0.139	IFM	3.0mm	0.117	CNS	4	JG9004-3189
XC	3.189	81.00	1.0mm	0.130	CUS	1.2mm	0.138	IPA	2.8mm	0.130	CUS	1	XC8100
XG	3.189	81.00	1.0mm	0.124	CUS	1.0mm	0.132	DPA	2.0mm	0.132	CUS	1	XG8100
J180	3.198	81.23	1/16"	0.135	IMB	1/16"	0.135	IPT	4.0mm	0.150	CUF	2	J180F2-3198
JG90	3.199	81.25	1.2mm	0.119	CNS	1.5mm	0.139	IFM	3.0mm	0.117	CNS	4	JG9004-3199
JXC0	3.199	81.25	1.0mm	0.127	CUS	1.2mm	0.135	IPT	2.8mm	0.130	CUF	4	JXC0F4-3199-0
XC	3.199	81.25	1.0mm	0.127	CUS	1.2mm	0.135	IPA	2.8mm	0.111	CUS	1	XC8125
JG48	3.203	81.36	.8mm	0.110	SNR	2 Ring			1.5mm	0.104	SAF	1	JG4801-3023
J180	3.208	81.48	1/16"	0.147	IMB	1/16"	0.147	IPT	4.0mm	0.150	CUF	2	J180F2-3208
JC26	3.209	81.51	1.0mm	0.127	CUR	1.2mm	0.135	IPU	2.8mm	0.111	CUS	4	JC2604-3209
JG10	3.209	81.51	1.0mm	0.126	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	4	JG1004-3209
JG10	3.209	81.51	1.0mm	0.126	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	5	JG1005-3209
JG10	3.209	81.51	1.0mm	0.126	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	6	JG1006-3209
JG90	3.209	81.51	1.2mm	0.119	CNS	1.5mm	0.139	IFM	3.0mm	0.117	CNS	4	JG9004-3209
JXC0	3.209	81.51	1.0mm	0.126	CUS	1.2mm	0.138	IPT	2.8mm	0.130	CUF	4	JXC0F4-3209-2
XC	3.209	81.51	1.0mm	0.130	CUS	1.2mm	0.138	IPA	2.8mm	0.130	CUS	1	XC8150
J180	3.218	81.74	1/16"	0.147	IMB	1/16"	0.147	IPT	4.0mm	0.150	CUF	2	J180F2-3218
J180	3.228	81.99	1/16"	0.152	IMB	1/16"	0.152	IPT	4.0mm	0.155	CUF	2	J180F2-3228
JG10	3.228	81.99	1.0mm	0.126	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	4	JG1004-3228
JG10	3.228	81.99	1.0mm	0.126	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	5	JG1005-3228
JG10	3.228	81.99	1.0mm	0.126	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	6	JG1006-3228
JXC0	3.228	81.99	1.0mm	0.130	CUS	1.2mm	0.142	IPT	2.8mm	0.130	CUF	4	JXC0F4-3228-0
JXC0	3.228	81.99	1.0mm	0.130	CUS	1.2mm	0.142	IPT	2.8mm	0.130	CUF	6	JXC0F6-3228-0
XC	3.228	81.99	1.0mm	0.130	CUS	1.2mm	0.142	IPA	2.8mm	0.130	CUS	1	XC8200
XG	3.228	81.99	1.0mm	0.124	CUS	1.0mm	0.132	DPA	2.0mm	0.132	CUS	1	XG8200
JG26	3.240	82.30	1.2mm	0.127	CNS	1.5mm	0.155	IUM	3.0mm	0.117	CNS	4	JG2604-3240
JXC0	3.248	82.50	1.0mm	0.130	CUS	1.2mm	0.142	IPT	2.8mm	0.130	CUF	4	JXC0F4-3248-2
JG10	3.250	82.55	1.0mm	0.126	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	4	JG1004-3250
JG10	3.250	82.55	1.0mm	0.126	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	5	JG1005-3250
XC	3.250	82.55	1.0mm	0.130	CUS	1.2mm	0.142	IPA	2.8mm	0.130	CUS	1	XC8255
JG10	3.268	83.01	1.0mm	0.126	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	4	JG1004-3268
JG10	3.268	83.01	1.0mm	0.126	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	5	JG1005-3268
JG10	3.268	83.01	1.0mm	0.126	CNS	1.2mm	0.138	DPE	2.8mm	0.128	CNF	6	JG1006-3268
JG29	3.268	83.01	1.2mm	0.126	CNR	1.5mm	0.146	IPQ	3.0mm	0.130	CNS	4	JG2904-3268
XC	3.268	83.01	1.0mm	0.130	CUS	1.2mm	0.142	IPA	2.8mm	0.128	CUS	1	XC8300
XG	3.268	83.01	1.0mm	0.124	CUS	1.0mm	0.132	DPA	2.0mm	0.132	CUS	1	XG8300
JC60	3.287	83.49	1.5mm	0.135	CUR	1.5mm	0.147	IFM	3.0mm	0.115	CNS	4	JC6004-3287
JG10	3.287	83.49	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	4	JG1004-3287
JG10	3.287	83.49	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	5	JG1005-3287

PRO SEAL DIAMETRIC RING CHART

			TOP RING			SECOND RING			OIL RING				
Series	Bore	Bore in mm	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	# in Set	Ring Set Part #
JG10	3.287	83.49	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	6	JG1006-3287
XC	3.287	83.49	1.0mm	0.130	CUS	1.2mm	0.142	IPA	2.8mm	0.128	CUS	1	XC8350
J640	3.307	84.00	1.5mm	0.141	DMB	1.5mm	0.157	IPT	4.0mm	0.135	CUF	4	J640F4-3307
JG10	3.307	84.00	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	4	JG1004-3307
JG10	3.307	84.00	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	4	JG1004-3307-AL
JG10	3.307	84.00	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	5	JG1005-3307
JG10	3.307	84.00	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	6	JG1006-3307
JG10	3.307	84.00	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	6	JG1006-3307-AL
JXC0	3.307	84.00	1.0mm	0.126	CUS	1.2mm	0.142	IPT	2.8mm	0.130	CUF	4	JXC0F4-3307-2
JXC0	3.307	84.00	1.0mm	0.126	CUS	1.2mm	0.142	IPT	2.8mm	0.130	CUF	6	JXC0F6-3307-2
XC	3.307	84.00	1.0mm	0.130	CUS	1.2mm	0.142	IPA	2.8mm	0.128	CUS	1	XC8400
J640	3.317	84.25	1.5mm	0.141	DMB	1.5mm	0.157	IPT	4.0mm	0.140	CUF	4	J640F4-3317
J640	3.327	84.51	1.5mm	0.141	DMB	1.5mm	0.150	IPT	4.0mm	0.135	CUF	4	J640F4-3327
JG10	3.327	84.51	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	4	JG1004-3327
JG10	3.327	84.51	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	6	JG1006-3327
JG10	3.327	84.51	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	6	JG1006-3327-AL
XC	3.327	84.51	1.0mm	0.130	CUS	1.2mm	0.142	IPA	2.8mm	0.128	CUS	1	XC8450
JG10	3.346	84.99	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	4	JG1004-3346
JG10	3.346	84.99	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	6	JG1006-3346
JXC0	3.346	84.99	1.0mm	0.126	CUS	1.2mm	0.142	IPT	2.8mm	0.130	CUF	4	JXC0F4-3346-2
XC	3.346	84.99	1.0mm	0.130	CUS	1.2mm	0.142	IPA	2.8mm	0.130	CUS	1	XC8500
J640	3.347	85.01	1.5mm	0.141	DMB	1.5mm	0.150	IPT	4.0mm	0.135	CUF	4	J640F4-3347
JG27	3.347	85.01	1.2mm	0.127	CNS	1.5mm	0.155	IUU	3.0mm	0.117	CNS	4	JG2704-3347
XK	3.347	85.01	1.0mm	0.130	CNS	1.2mm	0.142	IPC	2.0mm	0.118	CUF	1	XR8500
J670	3.366	85.50	1.5mm	0.153	DMH	1.5mm	0.152	IPT	4.0mm	0.135	CUF	4	J670F4-3366
JC19	3.366	85.50	1.2mm	0.130	CUS	1.5mm	0.152	IPT	3.0mm	0.105	CUF	4	JC1904-3366
JC80	3.366	85.50	1.2mm	0.131	CUS	1.2mm	0.150	IPT	2.8mm	0.135	CUF	1	JC80F1-3366
JG10	3.366	85.50	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	4	JG1004-3366
JG10	3.366	85.50	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	6	JG1006-3366
JG27	3.366	85.50	1.2mm	0.127	CNS	1.5mm	0.155	IUU	3.0mm	0.117	CNS	4	JG2704-3366
JC19	3.376	85.75	1.2mm	0.130	CUS	1.5mm	0.152	IPT	3.0mm	0.105	CUF	4	JC1904-3376
JG27	3.376	85.75	1.2mm	0.127	CNS	1.5mm	0.155	IUU	3.0mm	0.117	CNS	4	JG2704-3376
J614	3.386	86.00	1.5mm	0.152	DMB	1.5mm	0.159	IPQ	4.0mm	0.145	CUF	4	J614F4-3386
JC00	3.386	86.00	1.2mm	0.119	CUS	1.2mm	0.139	IPA	2.8mm	0.117	CUS	4	JC0004-3386
JC19	3.386	86.00	1.2mm	0.133	CUS	1.5mm	0.154	IPT	3.0mm	0.105	CUF	4	JC1904-3386
JC19	3.386	86.00	1.2mm	0.133	CUS	1.5mm	0.154	IPT	3.0mm	0.105	CUF	6	JC1906-3386
JC27	3.386	86.00	1.2mm	0.119	CUS	1.2mm	0.139	IFQ	3.0mm	0.117	CUS	4	JC2704-3386
JC29	3.386	86.00	1.5mm	0.127	CUR	1.5mm	0.149	IUM	3.0mm	0.123	CUS	4	JC2904-3386
JG10	3.386	86.00	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	4	JG1004-3386
JG10	3.386	86.00	1.0mm	0.126	CNS	1.2mm	0.142	DPE	2.8mm	0.128	CNF	6	JG1006-3386
JG12	3.386	86.00	1.2mm	0.120	PVD	1.2mm	0.118	CPE	2.0mm	0.126	CNF	4	JG1204-3386
JG12	3.386	86.00	1.2mm	0.120	PVD	1.2mm	0.118	CPE	2.0mm	0.126	CNF	6	JG1204-3386
JG28	3.386	86.00	1.2mm	0.127	CNR	1.5mm	0.155	IUQ	3.0mm	0.105	CNS	4	JG2804-3386
JG28	3.386	86.00	1.2mm	0.127	CNR	1.5mm	0.155	IUQ	3.0mm	0.105	CNS	6	JG2806-3386
XC	3.386	86.00	1.0mm	0.130	CUS	1.2mm	0.142	IPA	2.8mm	0.130	CUS	1	XC8600
XK	3.386	86.00	1.0mm	0.130	CNS	1.2mm	0.142	IPC	2.0mm	0.118	CUF	1	XR8600
JG10	3.396	86.26	1.0mm	0.134	CNS	1.2mm	0.146	DPE	2.8mm	0.128	CNF	4	JG1004-3396
JC11	3.405	86.49	1.5mm	0.153	DUH	1.5mm	0.161	IPX	4.0mm	0.145	CUF	4	JC11F4-3405
JC11	3.405	86.49	1.5mm	0.153	DUH	1.5mm	0.161	IPX	4.0mm	0.145	CUF	6	JC11F6-3405
JG10	3.405	86.49	1.0mm	0.134	CNS	1.2mm	0.146	DPE	2.8mm	0.128	CNF	4	JG1004-3405
JG10	3.405	86.49	1.0mm	0.134	CNS	1.2mm	0.146	DPE	2.8mm	0.128	CNF	6	JG1006-3405
JG12	3.405	86.49	1.2mm	0.120	PVD	1.2mm	0.118	CPE	2.0mm	0.126	CNF	4	JG1204-3405
JG12	3.405	86.49	1.2mm	0.120	PVD	1.2mm	0.118	CPE	2.0mm	0.126	CNF	6	JG1204-3405
J614	3.406	86.51	1.5mm	0.153	DMB	1.5mm	0.161	IPQ	4.0mm	0.145	CUF	4	J614F4-3406
JC21	3.406	86.51	1.2mm	0.127	CUR	1.5mm	0.155	IPQ	3.0mm	0.105	CUS	4	JC2104-3406
JC21	3.406	86.51	1.2mm	0.127	CUR	1.5mm	0.155	IPQ	3.0mm	0.105	CUS	6	JC2106-3406
J615	3.425	87.00	1.5mm	0.142	DMB	1.5mm	0.142	IPK	4.0mm	0.135	CUF	4	J615F4-3425
JC00	3.425	87.00	1.2mm	0.131	CUS	1.2mm	0.144	IPT	2.8mm	0.105	CUF	4	JC0004-3425
JC21	3.425	87.00	1.2mm	0.127	CUR	1.5mm	0.155	IPQ	3.0mm	0.105	CUS	4	JC2104-3425
JC21	3.425	87.00	1.2mm	0.127	CUR	1.5mm	0.155	IPQ	3.0mm	0.105	CUS	6	JC2106-3425

PRO SEAL DIAMETRIC RING CHART

			TOP RING			SECOND RING			OIL RING				
Series	Bore	Bore in mm	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	# in Set	Ring Set Part #
JG10	3.425	87.00	1.0mm	0.134	CNS	1.2mm	0.146	DPE	2.8mm	0.128	CNF	4	JG1004-3425
JG10	3.425	87.00	1.0mm	0.134	CNS	1.2mm	0.146	DPE	2.8mm	0.128	CNF	6	JG1006-3425
XC	3.425	87.00	1.0mm	0.130	CUS	1.2mm	0.150	IPA	2.8mm	0.130	CUS	1	XC8700
JC48	3.425	87.00	1.5mm	0.143	CUS	1.5mm	0.155	IFU	4.0mm	0.135	CUS	4	JC4804-3425
JG12	3.425	87.00	1.2mm	0.120	PVD	1.2mm	0.118	CPE	2.0mm	0.126	CNF	4	JG1204-3425
JG12	3.425	87.00	1.2mm	0.120	PVD	1.2mm	0.118	CPE	2.0mm	0.126	CNF	6	JG1204-3425
JC80	3.445	87.50	1.2mm	0.139	CUS	1.2mm	0.144	IPT	2.8mm	0.105	CUF	4	JC8004-3445
JG10	3.445	87.50	1.0mm	0.134	CNS	1.2mm	0.146	DPE	2.8mm	0.128	CNF	4	JG1004-3445
JG10	3.445	87.50	1.0mm	0.134	CNS	1.2mm	0.146	DPE	2.8mm	0.128	CNF	6	JG1006-3445
JG22	3.445	87.50	1.5mm	0.135	CNS	1.5mm	0.151	IFU	4.0mm	0.117	CUS	4	JG2204-3445
XC	3.445	87.50	1.0mm	0.130	CUS	1.2mm	0.150	IPA	2.8mm	0.130	CUS	1	XC8750
J670	3.445	87.50	1.5mm	0.130	CMS	1.5mm	0.142	IPK	4.0mm	0.135	CUF	4	J670F4-3445
JG12	3.445	87.50	1.2mm	0.120	PVD	1.2mm	0.118	CPE	2.0mm	0.126	CNF	4	JG1204-3445
JG12	3.445	87.50	1.2mm	0.120	PVD	1.2mm	0.118	CPE	2.0mm	0.126	CNF	6	JG1204-3445
JC12	3.465	88.01	1.2mm	0.139	CUS	1.2mm	0.144	IPT	3.0mm	0.155	CUF	4	JC1204-3465
JG10	3.465	88.01	1.0mm	0.134	CNS	1.2mm	0.146	DPE	2.8mm	0.128	CNF	4	JG1004-3465
JG10	3.465	88.01	1.0mm	0.134	CNS	1.2mm	0.146	DPE	2.8mm	0.128	CNF	6	JG1006-3465
JM10	3.465	88.01	1.2mm	0.143	CMB	1.2mm	0.144	IPT	3.0mm	0.155	CUF	4	JM1004-3465
XC	3.465	88.01	1.0mm	0.130	CUS	1.2mm	0.150	IPA	2.8mm	0.130	CUS	1	XC8800
JG10	3.484	88.49	1.0mm	0.134	CNS	1.2mm	0.146	DPE	2.8mm	0.128	CNF	4	JG1004-3484
JG22	3.484	88.49	1.5mm	0.135	CNS	1.5mm	0.151	IFU	4.0mm	0.117	CUS	6	JG2206-3484
XC	3.484	88.49	1.0mm	0.130	CUS	1.2mm	0.150	IPA	2.8mm	0.130	CUS	1	XC8850
J120	3.498	88.85	1/16"	0.162	IMB	1/16"	0.156	IPT	3/16"	0.182	CUF	2	J120F2-3498
J140	3.498	88.85	1/16"	0.156	IMH	1/16"	0.156	IPT	5/32"	0.182	CUF	2	J140F2-3498
J140	3.503	88.98	1/16"	0.153	IMH	1/16"	0.156	IPT	5/32"	0.182	CUF	2	J140F2-3503
JG10	3.504	89.00	1.0mm	0.134	CNS	1.2mm	0.150	DPE	2.8mm	0.128	CNF	4	JG1004-3504
JG10	3.504	89.00	1.0mm	0.134	CNS	1.2mm	0.150	DPE	2.8mm	0.128	CNF	4	JG1004-3504-AL
JG10	3.504	89.00	1.0mm	0.134	CNS	1.2mm	0.150	DPE	2.8mm	0.128	CNF	6	JG1006-3504
JG12	3.504	89.00	1.2mm	0.120	PVD	1.2mm	0.118	CPE	2.0mm	0.126	CNF	4	JG1204-3504
JG12	3.504	89.00	1.2mm	0.120	PVD	1.2mm	0.118	CPE	2.0mm	0.126	CNF	6	JG1204-3504
JG20	3.504	89.00	1.5mm	0.135	CNS	1.5mm	0.161	IUM	4.0mm	0.133	CUS	4	JG2004-3504
XC	3.504	89.00	1.0mm	0.130	CUS	1.2mm	0.154	IPA	2.8mm	0.130	CUS	1	XC8900
J140	3.508	89.10	1/16"	0.156	IMH	1/16"	0.156	IPT	5/32"	0.187	CUF	2	J140F2-3508
XC	3.514	89.26	1.0mm	0.130	CUS	1.2mm	0.154	IPA	2.8mm	0.130	CUS	1	XC8925
J120	3.518	89.36	1/16"	0.162	IMB	1/16"	0.156	IPT	3/16"	0.192	CUF	2	J120F2-3518
J140	3.518	89.36	1/16"	0.157	IMH	1/16"	0.157	IPT	5/.32"	0.192	CUF	2	J140F2-3518
JC70	3.524	89.51	1.2mm	0.133	CUR	1.2mm	0.155	IFM	2.5mm	0.117	CUS	4	JC7004-3524
JG10	3.524	89.51	1.0mm	0.134	CNS	1.2mm	0.150	DPE	2.8mm	0.128	CNF	4	JG1004-3524
JG20	3.524	89.51	1.5mm	0.135	CNS	1.5mm	0.161	IUM	4.0mm	0.133	CUS	4	JG2004-3524
XC	3.524	89.51	1.0mm	0.130	CUS	1.2mm	0.154	IPA	2.8mm	0.130	CUS	1	XC8950
J120	3.528	89.61	1/16"	0.162	IMB	1/16"	0.156	IPT	3/16"	0.192	CUF	2	J120F2-3528
J140	3.528	89.61	1/16"	0.157	IMH	1/16"	0.157	IPT	5/32"	0.187	CUF	2	J140F2-3528
XC	3.534	89.76	1.0mm	0.130	CUS	1.2mm	0.154	IPA	2.8mm	0.130	CUS	1	XC8975
J120	3.538	89.87	1/16"	0.162	IMB	1/16"	0.156	IPT	3/16"	0.192	CUF	2	J120F2-3538
JG10	3.543	89.99	1.0mm	0.134	CNS	1.2mm	0.150	DPE	2.8mm	0.128	CNF	4	JG1004-3543
JG10	3.543	89.99	1.0mm	0.134	CNS	1.2mm	0.150	DPE	2.8mm	0.128	CNF	6	JG1006-3543
JG12	3.543	89.99	1.2mm	0.120	PVD	1.2mm	0.118	CPE	2.0mm	0.126	CNF	4	JG1204-3543
JG12	3.543	89.99	1.2mm	0.120	PVD	1.2mm	0.118	CPE	2.0mm	0.126	CNF	6	JG1204-3543
XC	3.543	89.99	1.0mm	0.130	CUS	1.2mm	0.154	IPA	2.8mm	0.130	CUS	1	XC9000
JG32	3.551	90.20	1.2mm	0.135	CNS	1.5mm	0.159	IFC	3.0mm	0.127	CUF	1	JG3201-3551-0
JG32	3.551	90.20	1.2mm	0.135	CNS	1.5mm	0.159	IFC	3.0mm	0.127	CUF	8	JG3208-3551-0
JG10	3.563	90.50	1.0mm	0.134	CNS	1.2mm	0.150	DPE	2.8mm	0.128	CNF	4	JG1004-3563
JG10	3.563	90.50	1.0mm	0.134	CNS	1.2mm	0.150	DPE	2.8mm	0.128	CNF	8	JG1008-3563
XC	3.563	90.50	1.0mm	0.130	CUS	1.2mm	0.154	IPA	2.8mm	0.130	CUS	1	XC9050
J101	3.571	90.70	1.5mm	0.143	CMS	1.5mm	0.166	IPT	3.0mm	0.145	CUS	8	J101F8-3571
JG32	3.571	90.70	1.2mm	0.135	CNS	1.5mm	0.159	IFC	3.0mm	0.127	CUF	1	JG3201-3571-0
JG32	3.571	90.70	1.2mm	0.135	CNS	1.5mm	0.159	IFC	3.0mm	0.127	CUF	8	JG3208-3571-0
JG10	3.583	91.01	1.0mm	0.134	CNS	1.2mm	0.150	DPE	2.8mm	0.128	CNF	4	JG1004-3583
XC	3.583	91.01	1.0mm	0.140	CUS	1.2mm	0.158	IPA	2.8mm	0.130	CUS	1	XC9100
JC22	3.587	91.11	1.2mm	0.135	CUS	1.5mm	0.155	IUM	3.0mm	0.119	CUS	4	JC2204-3587

PRO SEAL DIAMETRIC RING CHART

			TOP RING			SECOND RING			OIL RING				
Series	Bore	Bore in mm	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	# in Set	Ring Set Part #
JC22	3.587	91.11	1.2mm	0.135	CUS	1.5mm	0.155	IUM	3.0mm	0.119	CUS	6	JC2206-3587
JG24	3.587	91.11	1.5mm	0.135	CNS	1.5mm	0.155	IUA	4.0mm	0.133	CNS	4	JG2404-3587
JG10	3.602	91.50	1.0mm	0.134	CNS	1.2mm	0.150	DPE	2.8mm	0.128	CNF	4	JG1004-3602
JG10	3.602	91.50	1.0mm	0.134	CNS	1.2mm	0.150	DPE	2.8mm	0.128	CNF	6	JG1006-3602
JC22	3.606	91.59	1.2mm	0.135	CUS	1.5mm	0.155	IUM	3.0mm	0.119	CUS	6	JC2206-3606
J610	3.622	92.00	1.5mm	0.136	DMB	1.5mm	0.151	IPT	3.0mm	0.125	CUF	4	J610F4-3622
J614	3.622	92.00	1.5mm	0.137	DMB	1.5mm	0.162	IPQ	4.0mm	0.135	CUF	4	J614F4-3622
JC90	3.622	92.00	1.2mm	0.135	CUS	1.5mm	0.151	IFA	3.0mm	0.155	CUF	4	JC9004-3622
JG10	3.622	92.00	1.0mm	0.142	CNS	1.2mm	0.154	DPE	2.8mm	0.128	CNF	4	JG1004-3622
JG10	3.622	92.00	1.0mm	0.142	CNS	1.2mm	0.154	DPE	2.8mm	0.128	CNF	6	JG1006-3622
JG10	3.622	92.00	1.0mm	0.142	CNS	1.2mm	0.154	DPE	2.8mm	0.128	CNF	8	JG1008-3622
JG10	3.622	92.00	1.0mm	0.142	CNS	1.2mm	0.154	DPE	2.8mm	0.128	CNF	8	JG1008-3622-AL
XC	3.622	92.00	1.0mm	0.138	CUS	1.2mm	0.162	IPA	2.8mm	0.130	CUS	1	XC9200
J140	3.625	92.08	1/16"	0.170	IMH	1/16"	0.170	IPT	5/.32"	0.182	CUF	2	J140F2-3625
J150	3.625	92.08	1/16"	0.170	IMH	1/16"	0.170	IPT	3/16"	0.182	CUF	2	J150F2-3625
J150	3.625	92.08	1/16"	0.170	IMH	1/16"	0.170	IPT	3/16"	0.182	CUF	4	J150F4-3625
J150	3.625	92.08	1/16"	0.170	IMH	1/16"	0.170	IPT	3/16"	0.182	CUF	6	J150F6-3625
JG24	3.626	92.10	1.5mm	0.135	CNS	1.5mm	0.155	IUA	4.0mm	0.133	CNS	4	JG2404-3626
J160	3.635	92.33	1/16"	0.170	DMK	1/16"	0.170	IPT	3/16"	0.187	CUF	1	J160F1-3635
J170	3.635	92.33	1/16"	0.170	DMK	1/16"	0.170	IPT	5/32"	0.177	CUF	2	J170F2-3635
J614	3.642	92.51	1.5mm	0.137	DMB	1.5mm	0.162	IPQ	4.0mm	0.140	CUF	4	J614F4-3642
J912	3.642	92.51	1.2mm	0.135	CUS	1.5mm	0.151	IPC	3.0mm	0.135	CUF	4	J91204-3642
JC24	3.642	92.51	1.2mm	0.135	CUR	1.5mm	0.151	IPA	3.0mm	0.127	CUS	4	JC2404-3642
JG10	3.642	92.51	1.0mm	0.142	CNS	1.2mm	0.154	DPE	2.8mm	0.128	CNF	4	JG1004-3642
JG10	3.642	92.51	1.0mm	0.142	CNS	1.2mm	0.154	DPE	2.8mm	0.128	CNF	6	JG1006-3642
JG10	3.642	92.51	1.0mm	0.142	CNS	1.2mm	0.154	DPE	2.8mm	0.128	CNF	8	JG1008-3632
JG10	3.642	92.51	1.0mm	0.142	CNS	1.2mm	0.154	DPE	2.8mm	0.128	CNF	8	JG1008-3642
JG25	3.642	92.51	1.5mm	0.135	CNS	1.5mm	0.162	IUM	4.0mm	0.133	CNS	6	JG2506-3642
J120	3.645	92.58	1/16"	0.171	IMB	1/16"	0.171	IPT	3/16"	0.182	CUF	1	J120F1-3645
JG10	3.652	92.76	1.0mm	0.142	CNS	1.2mm	0.158	DPE	2.8mm	0.128	CNF	6	JG1006-3652
JG10	3.652	92.76	1.0mm	0.142	CNS	1.2mm	0.158	DPE	2.8mm	0.128	CNF	8	JG1008-3652
JG25	3.652	92.76	1.5mm	0.135	CNS	1.5mm	0.162	IUM	4.0mm	0.133	CNS	4	JG2504-3652
J120	3.655	92.84	1/16"	0.171	IMB	1/16"	0.171	IPT	3/16"	0.182	CUF	1	J120F1-3655
JC18	3.661	92.99	1.5mm	0.143	CUR	1.5mm	0.161	IPU	3.0mm	0.117	CUS	4	JC1804-3661
JC18	3.661	92.99	1.5mm	0.143	CUR	1.5mm	0.161	IPU	3.0mm	0.117	CUS	6	JC1806-3661
JG10	3.661	92.99	1.0mm	0.142	CNS	1.2mm	0.158	DPE	2.8mm	0.128	CNF	4	JG1004-3661
JG10	3.661	92.99	1.0mm	0.142	CNS	1.2mm	0.158	DPE	2.8mm	0.128	CNF	6	JG1006-3661
JG10	3.661	92.99	1.0mm	0.142	CNS	1.2mm	0.158	DPE	2.8mm	0.128	CNF	6	JG1006-3661
JG10	3.661	92.99	1.0mm	0.142	CNS	1.2mm	0.158	DPE	2.8mm	0.128	CNF	8	JG1008-3661
JG40	3.661	92.99	1.0mm	0.126	SNS	1.2mm	0.150	IUS	2.5mm	0.130	SNF	8	JG4008-3661
JG41	3.661	92.99	1.0mm	0.126	SAS	1.2mm	0.146	SNA	2.5mm	0.130	SCF	8	JG4108-3661
JG41	3.661	92.99	1.0mm	0.126	SAS	1.2mm	0.146	SNA	2.5mm	0.130	SCF	8	JG4108-3661
XC	3.661	92.99	1.0mm	0.138	CUS	1.2mm	0.166	IPA	2.8mm	0.130	CUS	1	XC9300
J120	3.665	93.09	1/16"	0.171	IMB	1/16"	0.171	IPT	3/16"	0.182	CUF	1	J120F1-3665
J120	3.665	93.09	1/16"	0.171	IMB	1/16"	0.171	IPT	3/16"	0.182	CUF	6	J120F6-3665
JG10	3.681	93.50	1.0mm	0.142	CNS	1.2mm	0.158	DPE	2.8mm	0.128	CNF	4	JG1004-3681
J600	3.691	93.75	1.5mm	0.137	DMR	1.5mm	0.150	IPC	3.0mm	0.150	CUF	4	J60004-3691
J620	3.700	93.98	1.5mm	0.162	DMK	1.5mm	0.162	IPT	3.0mm	0.152	CUF	4	J62004-3700
J630	3.700	93.98	1.5mm	0.162	DMK	1.5mm	0.162	IPT	4.0mm	0.162	CUF	4	J630F4-3700
JG10	3.701	94.01	1.0mm	0.142	CNS	1.2mm	0.158	DPE	2.8mm	0.128	CNF	4	JG1004-3701
JG10	3.701	94.01	1.0mm	0.142	CNS	1.2mm	0.158	DPE	2.8mm	0.128	CNF	6	JG1006-3701
JG10	3.701	94.01	1.0mm	0.142	CNS	1.2mm	0.158	DPE	2.8mm	0.128	CNF	8	JG1006-3701
XC	3.701	94.01	1.0mm	0.138	CUS	1.2mm	0.162	IPA	2.8mm	0.130	CUS	1	XC9400
JG10	3.711	94.25	1.0mm	0.142	CNS	1.2mm	0.158	DPE	2.8mm	0.128	CNF	4	JG1004-3711
J620	3.740	95.00	1.5mm	0.164	DMK	1.5mm	0.164	IPT	3.0mm	0.150	CUF	4	J62004-3740
J650	3.740	95.00	1.5mm	0.160	IPL	1.75mm	0.160	IPE	3.5mm	0.160	IPD	6	J650U6-3740
JG10	3.740	95.00	1.0mm	0.142	CNS	1.2mm	0.158	DPE	2.8mm	0.128	CNF	6	JG1006-3740
XH	3.740	95.00	1.2mm	0.147	CUS	1.5mm	0.167	IPA	4.0mm	0.136	CUS	1	XH9500
XJ	3.740	95.00	1.2mm	0.155	DNS	1.5mm	0.167	IPA	4.0mm	0.134	CNS	1	XJ9500
XS	3.740	95.00	1.2mm	0.147	CUS	1.5mm	0.167	IPA	2.0mm	0.113	CUF	1	XS9500

PRO SEAL DIAMETRIC RING CHART

			TOP RING			SECOND RING			OIL RING				
Series	Bore	Bore in mm	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	# in Set	Ring Set Part #
ZS	3.740	95.00	1.2mm	0.147	CUS	2 Ring			2.0mm	0.113	CUF	1	ZS9500
J180	3.750	95.25	1/16"	0.164	IMB	1/16"	0.164	IPT	4.0mm	0.135	CUF	1	J180F1-3750
XK	3.750	95.25	1.5mm	0.176	DMH	1.5mm	0.176	IPT	2.5mm	0.150	CUF	1	XK3750
XK	3.755	95.38	1.5mm	0.176	DMH	1.5mm	0.176	IPT	2.5mm	0.150	CUF	1	XK3755
J180	3.760	95.50	1/16"	0.164	IMB	1/16"	0.164	IPT	4.0mm	0.140	CUF	1	J180F1-3760
JC28	3.760	95.50	1.2mm	0.141	CUS	1.2mm	0.166	IFM	2.5mm	0.113	CUS	6	JC2806-3760
JC28	3.760	95.50	1.2mm	0.141	CUS	1.2mm	0.166	IFM	2.5mm	0.113	CUS	8	JC2808-3760
JC32	3.760	95.50	1.2mm	0.141	CUS	2 Ring			2.5mm	0.115	CUS	1	JC3201-3760
JG10	3.760	95.50	1.0mm	0.142	CNS	1.2mm	0.158	DPE	2.8mm	0.128	DPE	6	JG1006-3760
JG37	3.760	95.50	.95mm	0.127	CNN	1.2mm	0.170	IPT	2.0mm	0.106	CUF	1	JG3701-3760
ZV	3.760	95.50	.95mm	0.127	CNN	2 Ring			2.0mm	0.106	CUF	1	ZV9550
J100	3.766	95.66	1/16"	0.172	DMB	1/16"	0.172	IPT	3/16"	0.190	CUS	8	J100F8-3766-5
J180	3.770	95.76	1/16"	0.164	IMB	1/16"	0.164	IPT	4.0mm	0.145	CUF	1	J180F1-3770
JC28	3.770	95.76	1.2mm	0.141	CUS	1.2mm	0.166	IFM	2.5mm	0.113	CUS	6	JC2806-3770
JC28	3.770	95.76	1.2mm	0.141	CUS	1.2mm	0.166	IFM	2.5mm	0.113	CUS	8	JC2808-3770
XH	3.779	95.99	1.2mm	0.147	CUS	1.5mm	0.167	IPA	4.0mm	0.136	CUS	1	XH9600
XS	3.779	95.99	1.2mm	0.147	CUS	1.5mm	0.167	IPA	2.0mm	0.108	CUF	1	XS9600
ZV	3.779	95.99	.95mm	0.127	CNN	2 Ring			2.0mm	0.106	CUF	1	ZV9600
J620	3.780	96.01	1.5mm	0.165	DMK	1.5mm	0.165	IPT	3.0mm	0.150	CUF	4	J62004-3780
J630	3.780	96.01	1.5mm	0.165	DMK	1.5mm	0.165	IPT	4.0mm	0.140	CUF	4	J630F4-3780
JC28	3.780	96.01	1.2mm	0.141	CUS	1.2mm	0.166	IFM	2.5mm	0.113	CUS	6	JC2806-3780
JC28	3.780	96.01	1.2mm	0.141	CUS	1.2mm	0.166	IFM	2.5mm	0.113	CUS	8	JC2808-3780
JG10	3.780	96.01	1.0mm	0.142	CNS	1.2mm	0.158	DPE	2.8mm	0.128	DPE	6	JG1006-3780
JG50	3.780	96.01	.95mm	0.127	CNN	1.5mm	0.165	IPT	2.0mm	0.106	CUF	1	JG5001-3780
JC28	3.789	96.24	1.2mm	0.141	CUS	1.2mm	0.166	IFM	2.5mm	0.113	CUS	6	JC2806-3789
JC28	3.789	96.24	1.2mm	0.141	CUS	1.2mm	0.166	IFM	2.5mm	0.113	CUS	8	JC2808-3789
J160	3.796	96.42	1/16"	0.176	DMK	1/16"	0.176	IPT	3/16"	0.192	CUF	8	J160F8-3796
JC28	3.799	96.49	1.2mm	0.141	CUS	1.2mm	0.166	IFM	2.5mm	0.113	CUS	6	JC2806-3799
JC28	3.799	96.49	1.2mm	0.141	CUS	1.2mm	0.166	IFM	2.5mm	0.113	CUS	8	JC2808-3799
J100	3.810	96.77	1/16"	0.178	DMB	1/16"	0.178	IPT	3/16"	0.190	CUF	2	J10002-3810-5
J100	3.810	96.77	1/16"	0.178	DMB	1/16"	0.178	IPT	3/16"	0.190	CUS	4	J10004-3810-5
J100	3.810	96.77	1/16"	0.178	DMB	1/16"	0.178	IPT	3/16"	0.190	CUS	6	J10006-3810-5
J100	3.810	96.77	1/16"	0.178	DMB	1/16"	0.178	IPT	3/16"	0.190	CUS	4	J100S4-3810-5
J640	3.810	96.77	1.5mm	0.179	DMB	1.5mm	0.165	IPT	4.0mm	0.125	CUF	4	J64004-3810
J190	3.818	96.98	1/16"	0.179	IMH	1/16"	0.179	IPT	5/32"	0.182	CUF	1	J190F1-3818
JG10	3.819	97.00	1.0mm	0.143	CNS	1.2mm	0.159	DPE	2.8mm	0.126	CNF	4	JG1004-3819
JG10	3.819	97.00	1.0mm	0.143	CNS	1.2mm	0.159	DPE	2.8mm	0.126	CNF	6	JG1006-3819
XH	3.819	97.00	1.2mm	0.147	CUS	1.5mm	0.171	IPA	4.0mm	0.138	CUS	1	XH9700
XS	3.819	97.00	1.2mm	0.147	CUS	1.5mm	0.171	IPA	2.0mm	0.128	CUF	1	XS9700
ZS	3.819	97.00	1.2mm	0.147	CUS	2 Ring			2.0mm	0.128	CUF	1	ZS9700
J100	3.820	97.03	1/16"	0.178	DMB	1/16"	0.178	IPT	3/16"	0.192	CUS	4	J100F4-3820-5
J100	3.820	97.03	1/16"	0.178	DMB	1/16"	0.178	IPT	3/16"	0.192	CUS	6	J100F6-3820-5
S100	3.820	97.03	1/16"	0.179	DMB	1/16"	0.179	IPT	3/16"	0.182	CUF	8	S100S8-3820-5
J100	3.820	97.03	1/16"	0.178	DMB	1/16"	0.178	IPT	3/16"	0.192	CUS	2	J100F2-3820-5
J190	3.823	97.10	1/16"	0.179	IMH	1/16"	0.179	IPT	5/32"	0.187	CUF	1	J190F1-3823
J190	3.823	97.10	1/16"	0.179	IMH	1/16"	0.179	IPT	5/32"	0.187	CUF	1	J190F1-3823
J100	3.830	97.28	1/16"	0.178	DMB	1/16"	0.178	IPT	3/16"	0.192	CUS	2	J100F2-3830-5
J100	3.830	97.28	1/16"	0.178	DMB	1/16"	0.178	IPT	3/16"	0.192	CUS	6	J100F6-3830-5
J616	3.830	97.28	1.5mm	0.167	DMH	1.5mm	0.171	IPT	4.0mm	0.131	CUS	4	J616F4-3830
S100	3.830	97.28	1/16"	0.179	DMB	1/16"	0.179	IPT	3/16"	0.187	CUF	8	S100S8-3830-5
J190	3.833	97.36	1/16"	0.180	IMH	1/16"	0.180	IPT	5/32"	0.192	CUF	1	J190F1-3833
J190	3.833	97.36	1/16"	0.180	IMH	1/16"	0.180	IPT	5/32"	0.192	CUF	1	J190F1-3833
XH	3.833	97.36	1.2mm	0.147	CUS	1.5mm	0.171	IPA	4.0mm	0.159	CUS	1	XH9735
XH	3.838	97.49	1.2mm	0.147	CUS	1.5mm	0.171	IPA	4.0mm	0.138	CUS	1	XH9750
J190	3.843	97.61	1/16"	0.180	IMH	1/16"	0.180	IPT	5/32"	0.187	CUF	1	J190F1-3843
J190	3.843	97.61	1/16"	0.180	IMH	1/16"	0.180	IPT	5/32"	0.187	CUF	1	J190F1-3843
XH	3.843	97.61	1.2mm	0.147	CUS	1.5mm	0.171	IPA	4.0mm	0.159	CUS	1	XH9761
J612	3.858	97.99	1.5mm	0.167	IPL	1.5mm	0.167	IPL	3.0mm	0.156	IPD	6	J612U6-3858
JG10	3.858	97.99	1.0mm	0.145	CNS	1.2mm	0.165	DPE	2.8mm	0.128	CNF	6	JG1006-3858
XH	3.858	97.99	1.2mm	0.147	CUS	1.5mm	0.171	IPA	4.0mm	0.138	CUS	1	XH9800

PRO SEAL DIAMETRIC RING CHART

			TOP RING			SECOND RING			OIL RING				
Series	Bore	Bore in mm	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	# in Set	Ring Set Part #
XS	3.858	97.99	1.2mm	0.147	CUS	1.5mm	0.171	IPA	2.0mm	0.128	CUF	1	XS9800
ZV	3.858	97.99	.95mm	0.127	CNN	2 Ring			2.0mm	0.106	CUF	1	ZV9800
J150	3.875	98.43	1/16"	0.183	IMH	1/16"	0.183	IPT	3/16"	0.192	CUF	6	J150F6-3875-5
XK	3.875	98.43	1.5mm	0.181	DMH	1.5mm	0.181	IPT	2.5mm	0.150	CUF	1	XK3875
XK	3.880	98.55	1.5mm	0.181	DMH	1.5mm	0.181	IPT	2.5mm	0.150	CUF	1	XK3880
JG50	3.898	99.01	.95mm	0.127	CNN	1.5mm	0.165	IPT	2.0mm	0.106	CUF	1	JG5001-3898
ZV	3.898	99.01	.95mm	0.127	CNN	2 Ring			2.0mm	0.106	CUF	1	ZV9900
J680	3.900	99.06	1.5mm	0.145	CMR	1.5mm	0.165	IPT	3.0mm	0.150	CUF	8	J68008-3900-3
JG60	3.905	99.19	1.5mm	0.142	CNR	1.5mm	0.158	IPQ	3.0mm	0.150	CUF	8	JG6008-3905
J680	3.910	99.31	1.5mm	0.151	CMR	1.5mm	0.168	IPT	3.0mm	0.155	CUF	8	J68008-3910-3
JC14	3.917	99.49	1.2mm	0.147	CUS	1.5mm	0.166	IPT	2.8mm	0.140	CUF	4	JC14F4-3917
JG10	3.917	99.50	1.0mm	0.150	CNS	1.2mm	0.165	DPE	2.8mm	0.128	CNF	6	JG1006-3917
JG49	3.917	99.49	1.2mm	0.150	CNR	1.2mm	0.165	IPE	2.5mm	0.116	CUS	4	JG4904-3917
JG49	3.927	99.75	1.2mm	0.150	CNR	1.2mm	0.165	IPE	2.5mm	0.116	CUS	4	JG4904-3927
J660	3.937	100.00	1.5mm	0.165	IPA	1.75mm	0.165	IPE	3.0mm	0.150	IPD	6	J660U6-3937
JG10	3.937	100.00	1.0mm	0.150	CNS	1.2mm	0.165	DPE	2.8mm	0.128	CNF	6	JG1006-3937
JG37	3.937	100.00	.95mm	0.127	CNN	1.2mm	0.170	IPT	2.0mm	0.106	CUF	1	JG3701-3937
XH	3.937	100.00	1.2mm	0.155	CUS	1.5mm	0.175	IPA	4.0mm	0.160	CUS	1	XH10000
XS	3.937	100.00	1.2mm	0.155	CUS	1.5mm	0.175	IPA	2.0mm	0.128	CUF	1	XS10000
JG49	3.937	100.00	1.2mm	0.150	CNR	1.2mm	0.165	IPE	2.5mm	0.116	CUS	4	JG4904-3937
JC44	3.938	100.03	1.2mm	0.147	CUS	1.2mm	0.170	IPT	2.5mm	0.120	CUS	4	JC4404-3938
JC44	3.938	100.03	1.2mm	0.147	CUS	1.2mm	0.170	IPT	2.5mm	0.120	CUS	6	JC4406-3938
J100	3.940	100.08	1/16"	0.179	DMB	1/16"	0.175	IPT	3/16"	0.195	CUF	8	J100F8-3935-5
S100	3.945	100.20	1/16"	0.187	DMK	1/16"	0.187	IPT	3/16"	0.187	CUF	8	S100S8-3945-5
JG10	3.957	100.50	1.0mm	0.150	CNS	1.2mm	0.165	DPE	2.8mm	0.128	CNF	4	JG1004-3957
JG10	3.957	100.50	1.0mm	0.150	CNS	1.2mm	0.165	DPE	2.8mm	0.128	CNF	6	JG1006-3956
JG10	3.976	100.99	1.0mm	0.150	CNS	1.2mm	0.163	DPE	2.8mm	0.128	CNF	6	JG1006-3976
XH	3.976	100.99	1.2mm	0.155	CUS	1.5mm	0.175	IPA	4.0mm	0.160	CUS	1	XH10100
ZS	3.976	100.99	.95mm	0.127	CNN	2 Ring			2.0mm	0.106	CUF	0	ZS10100
J100	4.000	101.60	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J10008-4000-5
J100	4.000	101.60	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J100F8-4000-5
J103	4.000	101.60	1/16"	0.187	DMB	1/16"	0.172	DPE	3/16"	0.150	CUF	8	J10308-4000-5
J103	4.000	101.60	1/16"	0.187	DMB	1/16"	0.172	DPE	3/16"	0.190	CUS	8	J103F8-4000-5
J200	4.000	101.60	.043"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J20008-4000-5
J300	4.000	101.60	1/16"	0.187	DMB	1/16"	0.187	IPT	3.0mm	0.152	CUF	8	J30008-4000-5
J410	4.000	101.60	.043"	0.151	CMR	1/16"	0.190	IPT	3.0mm	0.152	CUF	8	J41008-4000-5
J500	4.000	101.60	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.150	CUF	8	J50008-4000-5
J500	4.000	101.60	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.190	CUS	8	J500F8-4000-5
J619	4.000	101.60	1.5mm	0.160	DMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J61908-4000-5
J712	4.000	101.60	.043"	0.151	CMR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71208-4000-5
J714	4.000	101.60	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4000-5
J750	4.000	101.60	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4000-5
J820	4.000	101.60	1/16"	0.187	HPB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J82008-4000-5
J820	4.000	101.60	1/16"	0.187	HPB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J820F8-4000-5
J926	4.000	101.60	1.2mm	0.145	CMR	1.2mm	0.156	DPE	3.0mm	0.152	CUF	8	J92608-4000-5
J950	4.000	101.60	1.2mm	0.152	SGR	1/16"	0.187	IPT	3.0mm	0.152	CUF	8	J95008-4000-3
JG31	4.000	101.60	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	6	JG3106-4000-7
JG31	4.000	101.60	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	JG3108-4000-7
JG77	4.000	101.60	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4000-5
S100	4.000	101.60	1/16"	0.190	DMB	1/16"	0.190	IPT	3/16"	0.192	CUF	8	S100S8-4000-5
J100	4.010	101.85	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.155	CUF	8	J10008-4010-0
J100	4.010	101.85	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J100F8-4010-0
J300	4.010	101.85	1/16"	0.187	DMB	1/16"	0.187	IPT	3.0mm	0.152	CUF	8	J30008-4010-0
JG31	4.010	101.85	1.2mm	0.151	CNR	1.5mm	0.170	IPC	3.0mm	0.152	CUF	8	JG3108-4010-4
JG33	4.010	101.85	1.2mm	0.151	CNR	1.2mm	0.155	DPE	3.0mm	0.152	CUF	8	JG3308-4010-4
J660	4.016	102.01	1.5mm	0.165	IPA	1.75mm	0.165	IPE	3.0mm	0.150	IPD	6	J660U6-4016
JC34	4.016	102.01	1.2mm	0.154	CUS	2 Ring			2.0mm	0.128	CUF	1	JC3401-4016
JG10	4.016	102.01	1.0mm	0.150	CNS	1.2mm	0.177	DPE	2.8mm	0.128	CNF	4	JG1004-4016
XH	4.016	102.01	1.2mm	0.155	CUS	1.5mm	0.175	IPA	4.0mm	0.160	CUS	1	XH10200
J100	4.020	102.11	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J10008-4020-5

PRO SEAL DIAMETRIC RING CHART

			TOP RING			SECOND RING			OIL RING				
Series	Bore	Bore in mm	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	# in Set	Ring Set Part #
J100	4.020	102.11	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J100F8-4020-5
J300	4.020	102.11	1/16"	0.187	DMB	1/16"	0.187	IPT	3.0mm	0.152	CUF	8	J30008-4020-5
J500	4.020	102.11	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.150	CUF	8	J50008-4020-5
J500	4.020	102.11	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.190	CUS	8	J500F8-4020-5
J700	4.020	102.11	.043"	0.160	DMR	.043"	0.165	IPC	3.0mm	0.152	CUF	8	J70008-4020-5
J70T	4.020	102.11	.043"	0.160	DMR	1.5mm	0.165	IPC	3.0mm	0.152	CUF	8	J70T08-4020-5
J714	4.020	102.11	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4020-5
J750	4.020	102.11	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	6	J75006-4020-5
J750	4.020	102.11	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4020-5
J926	4.020	102.11	1.2mm	0.146	CMR	1.2mm	0.155	DPE	3.0mm	0.152	CUF	8	J92608-4020-5
JG31	4.020	102.11	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	6	JG3106-4020-2
JG31	4.020	102.11	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	JG3108-4020-2
JG77	4.020	102.11	.043"	0.171	CNR	.043"	0.172	DPE	3.0mm	0.152	CUF	8	JG7708-4020-5
S100	4.020	102.11	1/16"	0.189	DMB	1/16"	0.189	IPT	3/16"	0.192	CUF	8	S100S8-4020-5
J962	4.020	102.11	1.2mm	0.145	CMR	1.2mm	0.155	DPE	3.0mm	0.152	CUF	8	J96208-4020-5
J100	4.030	102.36	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J10008-4030-5
J100	4.030	102.36	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J100F8-4030-5
J103	4.030	102.36	1/16"	0.187	DMB	1/16"	0.174	DPE	3/16"	0.150	CUF	8	J10308-4030-5
J103	4.030	102.36	1/16"	0.187	DMB	1/16"	0.174	DPE	3/16"	0.190	CUS	8	J103F8-4030-5
J300	4.030	102.36	1/16"	0.187	DMB	1/16"	0.187	IPT	3.0mm	0.152	CUF	8	J30008-4030-5
J300	4.030	102.36	1/16"	0.187	DMB	1/16"	0.187	IPT	3.0mm	0.146	CUF	8	J300F8-4030-5
J500	4.030	102.36	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.150	CUF	8	J50008-4030-5
J500	4.030	102.36	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.190	CUS	8	J500F8-4030-5
J601	4.030	102.36	1.5mm	0.160	DMR	.043"	0.165	IPC	3.0mm	0.152	CUF	8	J60108-4030-5
J601	4.030	102.36	1.5mm	0.160	DMR	.043"	0.165	IPC	3.0mm	0.146	CUF	8	J601F8-4030-5
J714	4.030	102.36	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4030-5
J714	4.030	102.36	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J714F8-4030-5
J750	4.030	102.36	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4030-5
J750	4.030	102.36	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.146	CUF	8	J750F8-4030-5
J820	4.030	102.36	1/16"	0.187	HPB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J82008-4030-5
J820	4.030	102.36	1/16"	0.187	HPB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J820F8-4030-5
J840	4.030	102.36	.043"	0.187	HPB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J84008-4030-5
J840	4.030	102.36	.043"	0.187	HPB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J840F8-4030-5
J911	4.030	102.36	1.2mm	0.160	DMR	.043"	0.165	IPC	3.0mm	0.146	CUF	8	J911F8-4030-5
J926	4.030	102.36	1.2mm	0.146	CMR	1.2mm	0.155	DPE	3.0mm	0.152	CUF	8	J92608-4030-5
J926	4.030	102.36	1.2mm	0.145	CMR	1.2mm	0.155	DPE	3.0mm	0.146	CUF	8	J926F8-4030-5
J950	4.030	102.36	1.2mm	0.152	SGR	1/16"	0.187	IPT	3.0mm	0.152	CUF	8	J95008-4030-3
J950	4.030	102.36	1.2mm	0.152	SGR	1/16"	0.187	IPT	3.0mm	0.146	CUF	8	J950F8-4030-3
JG31	4.030	102.36	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.146	CUF	6	JG31F6-4030-2
JG31	4.030	102.36	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.146	CUF	8	JG31F8-4030-2
JG33	4.030	102.36	1.2mm	0.150	CNR	1.5mm	0.155	IPE	3.0mm	0.152	CUF	8	JG3308-4030-2
JG76	4.030	102.36	.043"	0.171	CNR	1/16"	0.187	IPT	3.0mm	0.146	HCUF	8	JG76F8-4030-5
JG77	4.030	102.36	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4030-5
JG77	4.030	102.36	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.146	CUF	8	JG77F8-4030-5
S100	4.030	102.36	1/16"	0.189	DMB	1/16"	0.189	IPT	3/16"	0.192	CUF	8	S100S8-4030-5
J100	4.040	102.62	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J10008-4040-5
J100	4.040	102.62	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J100F8-4040-5
J103	4.040	102.62	1/16"	0.187	DMB	1/16"	0.174	DPE	3/16"	0.150	CUF	8	J10308-4040-5
J103	4.040	102.62	1/16"	0.187	DMB	1/16"	0.174	DPE	3/16"	0.190	CUS	8	J103F8-4040-5
J300	4.040	102.62	1/16"	0.187	DMB	1/16"	0.187	IPT	3.0mm	0.152	CUF	8	J30008-4040-5
J300	4.040	102.62	1/16"	0.187	DMB	1/16"	0.187	IPT	3.0mm	0.146	CUF	8	J300F8-4040-5
J500	4.040	102.62	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.150	CUF	8	J50008-4040-5
J500	4.040	102.62	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.190	CUS	8	J500F8-4040-5
J714	4.040	102.62	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4040-5
J714	4.040	102.62	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J714F8-4040-5
J750	4.040	102.62	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4040-5
J750	4.040	102.62	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.155	CUF	8	J750F8-4040-5
J820	4.040	102.62	1/16"	0.187	HPB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J82008-4040-5
J820	4.040	102.62	1/16"	0.187	HPB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J820F8-4040-5
J911	4.040	102.62	1.2mm	0.160	DMR	.043"	0.165	IPC	3.0mm	0.152	CUF	8	J91108-4040-5

PRO SEAL DIAMETRIC RING CHART

			TOP RING			SECOND RING			OIL RING				
Series	Bore	Bore in mm	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	# in Set	Ring Set Part #
J911	4.040	102.62	1.2mm	0.160	DMR	.043"	0.165	IPC	3.0mm	0.146	CUF	8	J911F8-4040-5
J926	4.040	102.62	1.2mm	0.146	CMR	1.2mm	0.156	DPE	3.0mm	0.152	CUF	8	J92608-4040-5
J926	4.040	102.62	1.2mm	0.145	CMR	1.2mm	0.146	DPE	3.0mm	0.155	CUF	8	J926F8-4040-5
JG31	4.040	102.62	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.146	CUF	6	JG31F6-4040-2
JG31	4.040	102.62	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.146	CUF	8	JG31F8-4040-2
JG33	4.040	102.62	1.2mm	0.150	CNR	1.5mm	0.156	DPE	3.0mm	0.146	CUF	8	JG33F8-4040-2
JG77	4.040	102.62	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4040-5
JG77	4.040	102.62	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.146	HCUF	8	JG77F8-4040-5
S100	4.040	102.62	1/16"	0.190	DMB	1/16"	0.191	IPT	3/16"	0.187	CUF	8	S100S8-4040-5
J750	4.050	102.87	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4050-5
J915	4.050	102.87	1.2mm	0.145	CMR	1.0mm	0.126	DPE	3.0mm	0.152	CUF	6	J91506-4050-5
J926	4.050	102.87	1.2mm	0.146	CMR	1.2mm	0.156	DPE	3.0mm	0.152	CUF	8	J92608-4050-5
J100	4.060	103.12	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J10008-4060-5
J100	4.060	103.12	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J100F8-4060-5
J103	4.060	103.12	1/16"	0.187	DMB	1/16"	0.174	DPE	3/16"	0.150	CUF	8	J10308-4060-5
J103	4.060	103.12	1/16"	0.187	DMB	1/16"	0.174	DPE	3/16"	0.190	CUS	8	J103F8-4060-5
J300	4.060	103.12	1/16"	0.187	DMB	1/16"	0.187	IPT	3.0mm	0.152	CUF	8	J30008-4060-5
J300	4.060	103.12	1/16"	0.187	DMB	1/16"	0.187	IPT	3.0mm	0.146	CUF	8	J300F8-4060-5
J500	4.060	103.12	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.150	CUF	8	J50008-4060-5
J500	4.060	103.12	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.190	CUS	8	J500F8-4060-5
J714	4.060	103.12	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4060-5
J714	4.060	103.12	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J714F8-4060-5
J750	4.060	103.12	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4060-5
J750	4.060	103.12	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.146	CUF	8	J750F8-4060-5
J820	4.060	103.12	1/16"	0.187	HPB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J82008-4060-5
J820	4.060	103.12	1/16"	0.187	HPB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J820F8-4060-5
J911	4.060	103.12	1.2mm	0.160	DMR	.043"	0.165	IPC	3.0mm	0.152	CUF	8	J91108-4060-5
J911	4.060	103.12	1.2mm	0.160	DMR	.043"	0.165	IPC	3.0mm	0.146	CUF	8	J911F8-4060-5
J926	4.060	103.12	1.2mm	0.146	CMR	1.2mm	0.155	DPE	3.0mm	0.152	CUF	8	J92608-4060-5
JG31	4.060	103.12	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	JG3108-4060-0
JG31	4.060	103.12	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.146	CUF	6	JG31F6-4060-0
JG31	4.060	103.12	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.146	CUF	8	JG31F8-4060-0
JG77	4.060	103.12	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4060-5
JG77	4.060	103.12	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.146	HCUF	8	JG77F8-4060-5
S100	4.060	103.12	1/16"	0.190	DMB	1/16"	0.191	IPT	3/16"	0.187	CUF	8	S100S8-4060-5
J680	4.060	103.12	1.5mm	0.151	CMS	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J68008-4060-5
J926	4.060	103.12	1.2mm	0.145	CMR	1.2mm	0.155	DPE	3.0mm	0.150	CUF	8	J926F8-4060-5
J100	4.070	103.38	1/16"	0.189	DMB	1/16"	0.189	IPT	3/16"	0.190	CUS	8	J100F8-4070-5
J100	4.070	103.38	1/16"	0.189	DMB	1/16"	0.189	IPT	3/16"	0.155	CUF	8	J100L8-4070-5
J300	4.070	103.38	1/16"	0.189	DMB	1/16"	0.189	IPT	3.0mm	0.152	CUF	8	J30008-4070-5
J600	4.070	103.38	1.5mm	0.163	DMR	1.5mm	0.173	IPC	3.0mm	0.125	CUF	8	J60008-4070-5
J926	4.070	103.38	1.2mm	0.145	CMR	1.2mm	0.155	DPE	3.0mm	0.152	CUF	8	J92608-4070-5
J926	4.070	103.38	1.2mm	0.145	CMR	1.2mm	0.155	DPE	3.0mm	0.150	CUF	8	J926F8-4070-5
JG31	4.070	103.38	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	JG31F8-4070-0
JG31	4.075	103.51	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	JG3108-4075-5
JG31	4.075	103.51	1.2mm	0.150	CNR	1.5mm	0.175	IPE	3.0mm	0.152	CUF	8	JG31F8-4075-5
J100	4.080	103.63	1/16"	0.189	DMB	1/16"	0.189	IPT	3/16"	0.150	CUF	8	J10008-4080-5
J100	4.080	103.63	1/16"	0.189	DMB	1/16"	0.189	IPT	3/16"	0.190	CUS	8	J100F8-4080-5
J300	4.080	103.63	1/16"	0.189	DMB	1/16"	0.189	IPT	3.0mm	0.152	CUF	8	J30008-4080-5
J500	4.080	103.63	1/16"	0.189	DMB	1/16"	0.189	IPG	3/16"	0.150	CUF	8	J50008-4080-5
J500	4.080	103.63	1/16"	0.189	DMB	1/16"	0.189	IPG	3/16"	0.190	CUS	8	J500F8-4080-5
J619	4.080	103.63	1.5mm	0.160	DMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J61908-4080-5
J750	4.080	103.63	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4080-5
S100	4.080	103.63	1/16"	0.194	DMK	1/16"	0.194	IPT	3/16"	0.200	CUF	8	S100S8-4080-5
J300	4.095	104.01	1/16"	0.191	DMB	1/16"	0.191	IPT	3.0mm	0.152	CUF	8	J30008-4095-5
S100	4.110	104.39	1/16"	0.196	DMB	1/16"	0.196	IPT	3/16"	0.200	CUF	8	S100S8-4110-5
J100	4.120	104.65	1/16"	0.192	DMB	1/16"	0.193	IPT	3/16"	0.150	CUF	8	J10008-4120-5
J100	4.120	104.65	1/16"	0.192	DMB	1/16"	0.193	IPT	3/16"	0.190	CUS	8	J100F8-4120-5
J300	4.120	104.65	1/16"	0.192	DMB	1/16"	0.193	IPT	3.0mm	0.150	CUF	8	J30008-4120-5
J500	4.120	104.65	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.150	CUF	8	J50008-4120-5

PRO SEAL DIAMETRIC RING CHART

			TOP RING			SECOND RING			OIL RING				
Series	Bore	Bore in mm	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	# in Set	Ring Set Part #
J500	4.120	104.65	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.190	CUS	8	J500F8-4120-5
J912	4.120	104.65	1.2mm	0.154	CUS	1.5mm	0.167	IPC	3.0mm	0.150	CUF	8	J91208-4120-3
J912	4.120	104.65	1.2mm	0.154	CUS	1.5mm	0.167	IPC	3.0mm	0.155	CUF	8	J912F8-4120-3
JG77	4.120	104.65	.043"	0.158	CNR	.043"	0.170	DPE	3.0mm	0.150	CUF	8	JG7708-4120-5
JG7T	4.120	104.65	.043"	0.160	DMR	1.50mm	0.167	IPC	3.0mm	0.155	CUF	8	JG7TF8-4120-5
J100	4.125	104.78	1/16"	0.192	DMB	1/16"	0.193	IPT	3/16"	0.150	CUF	8	J10008-4125-5
J100	4.125	104.78	1/16"	0.192	DMB	1/16"	0.193	IPT	3/16"	0.190	CUS	8	J100F8-4125-5
J103	4.125	104.78	1/16"	0.192	DMB	1/16"	0.176	DPE	3/16"	0.150	CUF	8	J10308-4125-5
J103	4.125	104.78	1/16"	0.192	DMB	1/16"	0.176	DPE	3/16"	0.190	CUS	8	J103F8-4125-5
J200	4.125	104.78	.043"	0.193	DMB	1/16"	0.193	IPT	3/16"	0.190	CUS	8	J200F8-4125-5
J300	4.125	104.78	1/16"	0.192	DMB	1/16"	0.193	IPT	3.0mm	0.150	CUF	8	J30008-4125-5
J300	4.125	104.78	1/16"	0.192	DMB	1/16"	0.193	IPT	3.0mm	0.155	CUF	8	J300F8-4125-5
J500	4.125	104.78	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.150	CUF	8	J50008-4125-5
J500	4.125	104.78	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.190	CUS	8	J500F8-4125-5
J619	4.125	104.78	1.5mm	0.160	DMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J61908-4125-5
J619	4.125	104.78	1.5mm	0.151	DMR	1.5mm	0.170	IPE	3.0mm	0.155	CUF	8	J619F8-4125-5
J690	4.125	104.78	1.5mm	0.160	DMR	1.5mm	0.167	IPC	3/16"	0.190	CUS	8	J690F8-4125-5
J70D	4.125	104.78	.043"	0.160	DMR	1.5mm	0.170	IPC	3.0mm	0.150	CUF	8	J70D08-4125-5
J714	4.125	104.78	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4125-5
J714	4.125	104.78	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J714F8-4125-5
J720	4.125	104.78	.043"	0.160	DMR	.043"	0.170	IPC	3/16"	0.150	CUF	8	J72008-4125-5
J720	4.125	104.78	.043"	0.160	DMR	.043"	0.170	IPC	3/16"	0.190	CUS	8	J720F8-4125-5
J750	4.125	104.78	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.150	CUF	8	J75008-4125-5
J750	4.125	104.78	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.155	CUF	8	J750F8-4125-5
J751	4.125	104.78	1.2mm	0.145	CMR	1.5mm	0.170	IPC	3.0mm	0.155	CUF	8	J751F8-4125-5
J760	4.125	104.78	.043"	0.160	DMR	1/16"	0.193	IPT	3/16"	0.155	CUF	8	J760F8-4125-5
J820	4.125	104.78	1/16"	0.192	HPB	1/16"	0.193	IPT	3/16"	0.150	CUF	8	J82008-4125-5
J820	4.125	104.78	1/16"	0.192	HPB	1/16"	0.193	IPT	3/16"	0.190	CUS	8	J820F8-4125-5
J923	4.125	104.78	1.2mm	0.150	CNR	1.2mm	0.156	DPE	3.0mm	0.152	CUF	8	J92308-4125-2
J925	4.125	104.78	1.2mm	0.150	CNR	1.5mm	0.167	IPC	3.0mm	0.150	CUF	8	J925F8-4125-3
J926	4.125	104.78	1.2mm	0.146	CMR	1.2mm	0.156	DPE	3.0mm	0.150	CUF	8	J92608-4125-5
J926	4.125	104.78	1.2mm	0.145	CMR	1.2mm	0.156	DPE	3.0mm	0.155	CUF	8	J926F8-4125-5
J941	4.125	104.78	1.2mm	0.145	CMR	.043"	0.170	IPC	3.0mm	0.155	CUF	8	J941F8-4125-5
JG31	4.125	104.78	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.155	CUF	8	JG31F8-4125-2
JG33	4.125	104.78	1.2mm	0.150	CNR	1.5mm	0.156	IPE	3.0mm	0.152	CUF	8	JG3308-4125-2
JG77	4.125	104.78	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.150	CUF	8	JG7708-4125-5
JG77	4.125	104.78	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.155	CUF	8	JG77F8-4125-5
S100	4.125	104.78	1/16"	0.193	DMB	1/16"	0.194	IPT	3/16"	0.187	CUF	8	S100S8-4125-5
J100	4.130	104.90	1/16"	0.193	DMB	1/16"	0.193	IPT	3/16"	0.150	CUF	8	J10008-4130-5
J100	4.130	104.90	1/16"	0.193	DMB	1/16"	0.193	IPT	3/16"	0.190	CUS	8	J100F8-4130-5
J300	4.130	104.90	1/16"	0.192	DMB	1/16"	0.193	IPT	3.0mm	0.152	CUF	8	J30008-4130-5
J500	4.130	104.90	1/16"	0.193	DMB	1/16"	0.193	IPG	3/16"	0.150	CUF	8	J50008-4130-5
J500	4.130	104.90	1/16"	0.193	DMB	1/16"	0.193	IPG	3/16"	0.190	CUS	8	J500F8-4130-5
J690	4.130	104.90	1.5mm	0.160	DMR	1.5mm	0.167	IPC	3/16"	0.150	CUF	8	J69008-4130-0
J70D	4.130	104.90	.043"	0.160	DMR	1.5mm	0.170	IPC	3.0mm	0.152	CUF	8	J70D08-4130-5
J714	4.130	104.90	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4130-5
J720	4.130	104.90	.043"	0.160	DMR	.043"	0.170	IPC	3/16"	0.150	CUF	8	J72008-4130-5
J720	4.130	104.90	.043"	0.160	DMR	.043"	0.170	IPC	3/16"	0.190	CUS	8	J720F8-4130-5
J750	4.130	104.90	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4130-5
J941	4.130	104.90	1.2mm	0.145	CMR	.043"	0.170	IPC	3.0mm	0.152	CUF	8	J94108-4130-5
JG77	4.130	104.90	.043"	0.171	CNR	.043"	0.177	DPE	3.0mm	0.152	CUF	8	JG7708-4130-5
J100	4.135	105.03	1/16"	0.193	DMB	1/16"	0.193	IPT	3/16"	0.150	CUF	8	J10008-4135-5
J100	4.135	105.03	1/16"	0.193	DMB	1/16"	0.193	IPT	3/16"	0.190	CUS	8	J100F8-4135-5
J130	4.135	105.03	1/16"	0.193	DMB	1/16"	0.193	IPT	1/8"	0.185	CUF	8	J13008-4135-5
J300	4.135	105.03	1/16"	0.193	DMB	1/16"	0.193	IPT	3.0mm	0.152	CUF	8	J30008-4135-5
J300	4.135	105.03	1/16"	0.193	DMB	1/16"	0.193	IPT	3.0mm	0.154	CUF	8	J300F8-4135-5
J500	4.135	105.03	1/16"	0.193	DMB	1/16"	0.193	IPG	3/16"	0.150	CUF	8	J50008-4135-5
J500	4.135	105.03	1/16"	0.193	DMB	1/16"	0.193	IPG	3/16"	0.190	CUS	8	J500F8-4135-5
J750	4.135	105.03	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4135-5
J750	4.135	105.03	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.154	CUF	8	J750F8-4135-5

PRO SEAL DIAMETRIC RING CHART

			TOP RING			SECOND RING			OIL RING				
Series	Bore	Bore in mm	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	# in Set	Ring Set Part #
J912	4.135	105.03	1.2mm	0.154	CUS	1.5mm	0.167	IPC	3.0mm	0.154	CUF	8	J912F8-4135-3
J923	4.135	105.03	1.2mm	0.150	CNR	1.2mm	0.156	DPE	3.0mm	0.152	CUF	8	J92308-4135-2
J925	4.135	105.03	1.2mm	0.150	CNR	1.5mm	0.167	IPC	3.0mm	0.152	CUF	8	J92508-4135-2
J926	4.135	105.03	1.2mm	0.145	CMR	1.2mm	0.156	DPE	3.0mm	0.152	CUF	8	J92608-4135-5
J961	4.135	105.03	1.2mm	0.145	CMR	1.5mm	0.167	IPC	3/16"	0.150	CUF	8	J96108-4135-5
JG31	4.135	105.03	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.154	CUF	8	JG31F8-4135-2
JG60	4.135	105.03	1.5mm	0.142	CNR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	JG6008-4135-5
JG60	4.135	105.03	1.5mm	0.142	CNR	1.5mm	0.170	IPE	3.0mm	0.154	CUF	8	JG60F8-4135-5
JG77	4.135	105.03	.043"	0.171	CNR	.043"	0.177	DPE	3.0mm	0.152	CUF	6	JG7706-4135-5
JG77	4.135	105.03	.043"	0.171	CNR	.043"	0.177	DPE	3.0mm	0.152	CUF	8	JG7708-4135-5
JG77	4.135	105.03	.043"	0.171	CNR	.043"	0.177	DPE	3.0mm	0.154	CUF	8	JG77F8-4135-5
J750	4.140	105.16	1.2mm	0.145	CMR	1.5mm	0.171	IPE	3.0mm	0.152	CUF	8	J75008-4140-5
J100	4.145	105.28	1/16"	0.192	DMB	1/16"	0.193	IPT	3/16"	0.150	CUF	8	J10008-4145-5
J100	4.145	105.28	1/16"	0.192	DMB	1/16"	0.193	IPT	3/16"	0.190	CUS	8	J100F8-4145-5
J300	4.145	105.28	1/16"	0.192	DMB	1/16"	0.193	IPT	3.0mm	0.152	CUF	8	J30008-4145-5
J300	4.145	105.28	1/16"	0.192	DMB	1/16"	0.193	IPT	3.0mm	0.155	CUF	8	J300F8-4145-5
J500	4.145	105.28	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.150	CUF	8	J50008-4145-5
J500	4.145	105.28	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.190	CUS	8	J500F8-4145-5
J714	4.145	105.28	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4145-5
J714	4.145	105.28	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J714F8-4145-5
J750	4.145	105.28	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4145-5
J750	4.145	105.28	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.155	CUF	8	J750F8-4145-5
J751	4.145	105.28	1.2mm	0.145	CMR	1.5mm	0.167	IPC	3.0mm	0.155	CUF	8	J751F8-4145-5
J912	4.145	105.28	1.2mm	0.162	CUS	1.5mm	0.167	IPC	3.0mm	0.152	CUF	8	J91208-4145-3
J912	4.145	105.28	1.2mm	0.162	CUS	1.5mm	0.167	IPC	3.0mm	0.155	CUF	8	J912F8-4145-3
J926	4.145	105.28	1.2mm	0.145	CMR	1.2mm	0.155	DPE	3.0mm	0.152	CUF	8	J92608-4145-5
J926	4.145	105.28	1.2mm	0.145	CMR	1.2mm	0.155	DPE	3.0mm	0.155	CUF	8	J926F8-4145-5
JG77	4.145	105.28	.043"	0.171	CNR	.043"	0.177	DPE	3.0mm	0.152	CUF	8	JG7708-4145-5
JG77	4.145	105.28	.043"	0.171	CNR	.043"	0.177	DPE	3.0mm	0.150	CUF	8	JG77F8-4145-5
S100	4.145	105.28	1/16"	0.195	DMB	1/16"	0.195	IPT	3/16"	0.187	CUF	8	S100S8-4145-5
J680	4.145	105.28	1.5mm	0.151	CMS	1.5mm	0.171	IPE	3.0mm	0.152	CUF	8	J68008-4145-5
J70T	4.150	105.41	.043"	0.160	DMR	1.5mm	0.167	IPC	3.0mm	0.155	CUF	8	J70TF8-4150-5
J100	4.155	105.54	1/16"	0.192	DMB	1/16"	0.193	IPT	3/16"	0.150	CUF	8	J10008-4155-5
J100	4.155	105.54	1/16"	0.192	DMB	1/16"	0.193	IPT	3/16"	0.190	CUS	8	J100F8-4155-5
J103	4.155	105.54	1/16"	0.192	DMB	1/16"	0.178	DPE	3/16"	0.150	CUF	8	J10308-4155-5
J103	4.155	105.54	1/16"	0.192	DMB	1/16"	0.178	DPE	3/16"	0.190	CUS	8	J103F8-4155-5
J300	4.155	105.54	1/16"	0.192	DMB	1/16"	0.193	IPT	3.0mm	0.152	CUF	8	J30008-4155-5
J300	4.155	105.54	1/16"	0.192	DMB	1/16"	0.193	IPT	3.0mm	0.155	CUF	8	J300F8-4155-5
J500	4.155	105.54	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.150	CUF	8	J50008-4155-5
J500	4.155	105.54	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.190	CUS	8	J500F8-4155-5
J690	4.155	105.54	1.5mm	0.160	DMR	1.5mm	0.167	IPC	3/16"	0.150	CUF	8	J69008-4155-0
J714	4.155	105.54	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4155-5
J714	4.155	105.54	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J714F8-4155-5
J750	4.155	105.54	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4155-5
J750	4.155	105.54	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.155	CUF	8	J750F8-4155-5
J820	4.155	105.54	1/16"	0.192	HPB	1/16"	0.193	IPT	3/16"	0.150	CUF	8	J82008-4155-5
J820	4.155	105.54	1/16"	0.192	HPB	1/16"	0.193	IPT	3/16"	0.190	CUS	8	J820F8-4155-5
J926	4.155	105.54	1.2mm	0.145	CMR	1.2mm	0.156	DPE	3.0mm	0.152	CUF	8	J92608-4155-5
J926	4.155	105.54	1.2mm	0.145	CMR	1.2mm	0.156	DPE	3.0mm	0.155	CUF	8	J926F8-4155-5
J961	4.155	105.54	1.2mm	0.145	CMR	1.5mm	0.167	IPC	3/16"	0.190	CUS	8	J961F8-4155-5
JG31	4.155	105.54	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.155	CUF	8	JG31F8-4155-3
JG33	4.155	105.54	1.2mm	0.150	CNR	1.2mm	0.156	DPE	3.0mm	0.152	CUF	8	JG3308-4155-3
JG77	4.155	105.54	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4155-5
JG77	4.155	105.54	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.155	CUF	8	JG77F8-4155-5
S100	4.155	105.54	1/16"	0.195	DMB	1/16"	0.195	IPT	3/16"	0.187	CUF	8	S100S8-4155-5
J100	4.165	105.79	1/16"	0.194	DMB	1/16"	0.194	IPT	3/16"	0.150	CUF	8	J10008-4165-5
J100	4.165	105.79	1/16"	0.194	DMB	1/16"	0.194	IPT	3/16"	0.190	CUS	8	J100F8-4165-5
J103	4.165	105.79	1/16"	0.194	DMB	1/16"	0.178	DPE	3/16"	0.150	CUF	8	J10308-4165-5
J103	4.165	105.79	1/16"	0.194	DMB	1/16"	0.178	DPE	3/16"	0.190	CUS	8	J103F8-4165-5
J300	4.165	105.79	1/16"	0.194	DMB	1/16"	0.194	IPT	3.0mm	0.152	CUF	8	J30008-4165-5

PRO SEAL DIAMETRIC RING CHART

			TOP RING			SECOND RING			OIL RING				
Series	Bore	Bore in mm	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	# in Set	Ring Set Part #
J300	4.165	105.79	1/16"	0.194	DMB	1/16"	0.194	IPT	3.0mm	0.155	CUF	8	J300F8-4165-5
J500	4.165	105.79	1/16"	0.194	DMB	1/16"	0.194	IPG	3/16"	0.150	CUF	8	J50008-4165-5
J500	4.165	105.79	1/16"	0.194	DMB	1/16"	0.194	IPG	3/16"	0.190	CUS	8	J500F8-4165-5
J714	4.165	105.79	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4165-5
J750	4.165	105.79	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4165-5
J750	4.165	105.79	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.155	CUF	8	J750F8-4165-5
J820	4.165	105.79	1/16"	0.192	HPB	1/16"	0.194	IPT	3/16"	0.150	CUF	8	J82008-4165-5
J820	4.165	105.79	1/16"	0.192	HPB	1/16"	0.194	IPT	3/16"	0.190	CUS	8	J820F8-4165-5
J941	4.165	105.79	1.2mm	0.145	CMR	.043"	0.170	IPC	3.0mm	0.152	CUF	8	J94108-4165-5
JG77	4.165	105.79	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4165-5
JG77	4.165	105.79	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.151	CUF	8	JG77F8-4165-5
S100	4.165	105.79	1/16"	0.195	DMB	1/16"	0.195	IPT	3/16"	0.192	CUF	8	S100S8-4165-5
J100	4.185	106.30	1/16"	0.192	DMB	1/16"	0.194	IPT	3/16"	0.190	CUS	8	J100F8-4185-5
J103	4.185	106.30	1/16"	0.192	DMB	1/16"	0.178	DPE	3/16"	0.190	CUS	8	J103F8-4185-5
J300	4.185	106.30	1/16"	0.192	DMB	1/16"	0.194	IPT	3.0mm	0.152	CUF	8	J30008-4185-5
J820	4.185	106.30	1/16"	0.192	HPB	1/16"	0.194	IPT	3/16"	0.190	CUS	8	J820F8-4185-5
J840	4.185	106.30	.043"	0.192	HPB	1/16"	0.194	IPT	3/16"	0.190	CUS	8	J840F8-4185-5
J880	4.185	106.30	D017	0.173	DMD	1/16"	0.194	IPT	3/16"	0.190	CUS	8	J880F8-4185-5
J880	4.185	106.30	D017	0.173	DMD	1/16"	0.194	IPT	3/16"	0.197	CUF	8	J880H8-4185-5
JG31	4.185	106.30	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.152	ECUF	8	JG3108-4185-3
JG77	4.185	106.30	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4185-5
J714	4.185	106.30	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4185-5
S100	4.185	106.30	1/16"	0.198	DMK	1/16"	0.198	IPT	3/16"	0.192	CUF	8	S100S8-4185-5
S100	4.195	106.55	1/16"	0.197	DMB	1/16"	0.196	IPT	3/16"	0.197	CUF	8	S100S8-4195-5
J100	4.210	106.93	1/16"	0.194	DMB	1/16"	0.194	IPT	3/16"	0.190	CUF	8	J100F8-4210-5
S100	4.210	106.93	1/16"	0.199	DMB	1/16"	0.199	IPT	3/16"	0.192	CUF	8	S100S8-4210-5
J100	4.250	107.95	1/16"	0.198	DMB	1/16"	0.198	IPT	3/16"	0.150	CUF	8	J10008-4250-5
J100	4.250	107.95	1/16"	0.198	DMB	1/16"	0.198	IPT	3/16"	0.190	CUS	8	J100F8-4250-5
J880	4.250	107.95	D017	0.173	DMD	1/16"	0.198	IPT	3/16"	0.190	CUS	8	J880F8-4250-5
J880	4.250	107.95	D017	0.173	DMD	1/16"	0.198	IPT	3/16"	0.201	CUF	8	J880H8-4250-5
S100	4.255	108.08	1/16"	0.201	DMK	1/16"	0.201	IPT	3/16"	0.182	CUF	8	S100S8-4255-5
S100	4.265	108.33	1/16"	0.198	DMB	1/16"	0.198	IPT	3/16"	0.182	CUF	8	S100S8-4265-5
JE00	4.270	108.46	5/64"	0.198	IEB	5/64"	0.198	IPT	3/16"	0.190	CUF	8	JE00F8-4270-0
J100	4.280	108.71	1/16"	0.198	DMB	1/16"	0.198	IPT	3/16"	0.150	CUF	8	J10008-4280-5
J100	4.280	108.71	1/16"	0.198	DMB	1/16"	0.198	IPT	3/16"	0.190	CUS	8	J100F8-4280-5
J820	4.280	108.71	1/16"	0.198	HPB	1/16"	0.198	IPT	3/16"	0.150	CUF	8	J82008-4280-5
J820	4.280	108.71	1/16"	0.198	HPB	1/16"	0.198	IPT	3/16"	0.190	CUS	8	J820F8-4280-5
JE00	4.280	108.71	5/64"	0.198	IEB	5/64"	0.198	IPT	3/16"	0.190	CUF	8	JE00F8-4280-0
JP00	4.280	108.71	5/64"	0.198	DMB	5/64"	0.198	IPT	3/16"	0.150	CUF	8	JP0008-4280-5
JP00	4.280	108.71	5/64"	0.198	DMB	5/64"	0.198	IPT	3/16"	0.190	CUS	8	JP00F8-4280-5
S100	4.280	108.71	1/16"	0.200	DMB	1/16"	0.200	IPT	3/16"	0.200	CUS	8	S100S8-4280-5
S100	4.285	108.84	1/16"	0.202	DMB	1/16"	0.202	IPT	3/16"	0.197	CUF	8	S100S8-4285-5
S100	4.290	108.97	1/16"	0.202	DMB	1/16"	0.202	IPT	3/16"	0.197	CUF	8	S100S8-4290-5
J100	4.310	109.47	1/16"	0.198	DMB	1/16"	0.198	IPT	3/16"	0.150	CUF	8	J10008-4310-5
J100	4.310	109.47	1/16"	0.198	DMB	1/16"	0.198	IPT	3/16"	0.190	CUS	8	J100F8-4310-5
J200	4.310	109.47	.043"	0.200	DMB	1/16"	0.198	IPT	3/16"	0.150	CUF	8	J20008-4310-5
J200	4.310	109.47	.043"	0.200	DMB	1/16"	0.198	IPT	3/16"	0.190	CUS	8	J200F8-4310-5
J820	4.310	109.47	1/16"	0.198	HPB	1/16"	0.198	IPT	3/16"	0.150	CUF	8	J82008-4310-5
J820	4.310	109.47	1/16"	0.198	HPB	1/16"	0.198	IPT	3/16"	0.190	CUS	8	J820F8-4310-5
J890	4.310	109.47	D017	0.173	DMD	1/16"	0.198	IPT	3/16"	0.190	CUS	8	J890F8-4310-5
JE00	4.310	109.47	5/64"	0.198	IEB	5/64"	0.198	IPT	3/16"	0.150	CUF	8	JE0008-4310-0
JE00	4.310	109.47	5/64"	0.198	IEB	5/64"	0.198	IPT	3/16"	0.190	CUF	8	JE00F8-4310-0
S100	4.310	109.47	1/16"	0.202	DMB	1/16"	0.202	IPT	3/16"	0.205	CUF	8	S100S8-4310-5
J100	4.320	109.73	1/16"	0.201	DMB	1/16"	0.201	IPT	3/16"	0.150	CUF	8	J10008-4320-5
J100	4.320	109.73	1/16"	0.201	DMB	1/16"	0.201	IPT	3/16"	0.190	CUS	8	J100F8-4320-5
JE00	4.320	109.73	5/64"	0.201	IEB	5/64"	0.198	IPT	3/16"	0.190	CUF	8	JE00F8-4320-0
S100	4.320	109.73	1/16"	0.205	DMB	1/16"	0.205	IPT	3/16"	0.187	CUF	8	S100S8-4320-5
J100	4.350	110.49	1/16"	0.201	DMB	1/16"	0.201	IPT	3/16"	0.150	CUF	8	J10008-4350-5
J100	4.350	110.49	1/16"	0.201	DMB	1/16"	0.201	IPT	3/16"	0.190	CUS	8	J100F8-4350-5
S100	4.350	110.49	1/16"	0.205	DMB	1/16"	0.205	IPT	3/16"	0.192	CUF	8	S100S8-4350-5

PRO SEAL DIAMETRIC RING CHART

			TOP RING			SECOND RING			OIL RING				
Series	Bore	Bore in mm	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	# in Set	Ring Set Part #
J100	4.360	110.74	1/16"	0.203	DMB	1/16"	0.203	IPT	3/16"	0.150	CUF	8	J10008-4360-5
J100	4.360	110.74	1/16"	0.203	DMB	1/16"	0.203	IPT	3/16"	0.190	CUS	8	J100F8-4360-5
S100	4.360	110.74	1/16"	0.206	DMB	1/16"	0.206	IPT	3/16"	0.192	CUF	8	S100S8-4360-5
J100	4.375	111.13	1/16"	0.204	DMB	1/16"	0.204	IPT	3/16"	0.150	CUF	8	J10008-4375-5
J100	4.375	111.13	1/16"	0.204	DMB	1/16"	0.204	IPT	3/16"	0.190	CUS	8	J100F8-4375-5
J880	4.375	111.13	D017	0.173	DMD	1/16"	0.204	IPT	3/16"	0.190	CUS	8	J880F8-4375-5
J880	4.375	111.13	D017	0.173	DMD	1/16"	0.204	IPT	3/16"	0.197	CUF	8	J880H8-4375-5
J890	4.375	111.13	D017	0.173	DMD	1/16"	0.204	IPT	3/16"	0.190	CUS	8	J890F8-4375-5
J890	4.375	111.13	D017	0.173	DMD	1/16"	0.204	IPT	3/16"	0.197	CUF	8	J890H8-4375-5
S100	4.375	111.13	1/16"	0.206	DMB	1/16"	0.207	IPT	3/16"	0.200	CUF	8	S100S8-4375-5
J100	4.390	111.51	1/16"	0.203	DMB	1/16"	0.203	IPT	3/16"	0.150	CUF	8	J10008-4390-5
J100	4.390	111.51	1/16"	0.203	DMB	1/16"	0.203	IPT	3/16"	0.190	CUS	8	J100F8-4390-5
S100	4.390	111.51	1/16"	0.205	DMB	1/16"	0.206	IPT	3/16"	0.197	CUF	8	S100S8-4390-5
S100	4.400	111.76	1/16"	0.205	DMK	1/16"	0.200	IPT	3/16"	0.192	CUF	8	S100S8-4400-0
S100	4.420	112.27	1/16"	0.205	DMK	1/16"	0.200	IPT	3/16"	0.192	CUF	8	S100S8-4420-5
J100	4.440	112.78	1/16"	0.207	DMB	1/16"	0.207	IPT	3/16"	0.155	CUF	8	J10008-4440-5
J100	4.440	112.78	1/16"	0.207	DMB	1/16"	0.207	IPT	3/16"	0.190	CUS	8	J100F8-4440-5
J200	4.440	112.78	.043"	0.207	DMB	1/16"	0.207	IPT	3/16"	0.155	CUF	8	J20008-4440-5
J200	4.440	112.78	.043"	0.207	DMB	1/16"	0.207	IPT	3/16"	0.190	CUS	8	J200F8-4440-5
S100	4.440	112.78	1/16"	0.205	DMK	1/16"	0.200	IPT	3/16"	0.192	CUF	8	S100S8-4440-5
J830	4.468	113.49	2.0mm	0.200	DMK	1.5mm	0.200	IPT	4.0mm	0.130	CUF	8	J83008-4468
J850	4.468	113.49	2.0mm	0.200	DMK	5/64"	0.200	IPT	3/16"	0.150	CUF	8	J85008-4468
J100	4.470	113.54	1/16"	0.207	DMB	1/16"	0.208	IPT	3/16"	0.205	CUF	8	J100S8-4470-5
S100	4.470	113.54	1/16"	0.208	DMB	1/16"	0.208	IPT	3/16"	0.205	CUF	8	S100S8-4470-5
J100	4.500	114.30	1/16"	0.210	DMB	1/16"	0.210	IPT	3/16"	0.155	CUF	8	J10008-4500-5
J100	4.500	114.30	1/16"	0.210	DMB	1/16"	0.210	IPT	3/16"	0.190	CUS	8	J100F8-4500-5
J200	4.500	114.30	.043"	0.210	DMB	1/16"	0.210	IPT	3/16"	0.155	CUF	8	J20008-4500-5
J200	4.500	114.30	.043"	0.210	DMB	1/16"	0.210	IPT	3/16"	0.190	CUS	8	J200F8-4500-5
J300	4.500	114.30	1/16"	0.210	DMB	1/16"	0.210	IPT	3.0mm	0.152	CUF	8	J30008-4500-5
J820	4.500	114.30	1/16"	0.210	HPB	1/16"	0.210	IPT	3/16"	0.155	CUF	8	J82008-4500-5
J820	4.500	114.30	1/16"	0.210	HPB	1/16"	0.210	IPT	3/16"	0.190	CUS	8	J820F8-4500-5
J890	4.500	114.30	D017	0.173	DMD	1/16"	0.210	IPT	3/16"	0.190	CUS	8	J890F8-4500-5
JG77	4.500	114.30	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4500-5
JG86	4.500	114.30	.043"	0.171	CNR	1/16"	0.210	IPT	3/16"	0.155	CUF	8	JG8608-4500-5
JG86	4.500	114.30	.043"	0.171	CNR	1/16"	0.210	IPT	3/16"	0.190	CUS	8	JG86F8-4500-5
S100	4.500	114.30	1/16"	0.206	DMB	1/16"	0.206	IPT	3/16"	0.200	CUF	8	S100S8-4500-5
J100	4.530	115.06	1/16"	0.210	DMB	1/16"	0.210	IPT	3/16"	0.150	CUF	8	J10008-4530-5
J100	4.530	115.06	1/16"	0.210	DMB	1/16"	0.210	IPT	3/16"	0.182	CUF	8	J100F8-4530-5
J820	4.530	115.06	1/16"	0.210	HPB	1/16"	0.210	IPT	3/16"	0.150	CUF	8	J82008-4530-5
J820	4.530	115.06	1/16"	0.210	HPB	1/16"	0.210	IPT	3/16"	0.182	CUF	8	J820F8-4530-5
J890	4.530	115.06	D017	0.173	DMD	1/16"	0.210	IPT	3/16"	0.182	CUS	8	J890F8-4530-5
JG77	4.530	115.06	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.150	CUF	8	JG7708-4530-5
JG86	4.530	115.06	.043"	0.171	CNR	1/16"	0.210	IPT	3/16"	0.150	CUF	8	JG8608-4530-5
JG86	4.530	115.06	.043"	0.171	CNR	1/16"	0.210	IPT	3/16"	0.182	CUF	8	JG86F8-4530-5
S100	4.530	115.06	1/16"	0.206	DMB	1/16"	0.206	IPT	3/16"	0.182	CUF	8	S100S8-4530-5
J100	4.560	115.82	1/16"	0.212	DMB	1/16"	0.210	IPT	3/16"	0.150	CUF	8	J10008-4560-5
J100	4.560	115.82	1/16"	0.212	DMB	1/16"	0.210	IPT	3/16"	0.190	CUS	8	J100H8-4560-5
J100	4.560	115.82	1/16"	0.212	DMB	1/16"	0.210	IPT	3/16"	0.201	CUF	8	J100S8-4560-5
J820	4.560	115.82	1/16"	0.210	HPB	1/16"	0.210	IPT	3/16"	0.190	CUS	8	J820H8-4560-5
JG77	4.560	115.82	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.150	CUF	8	JG7708-4560-5
JG86	4.560	115.82	.043"	0.171	CNR	1/16"	0.210	IPT	3/16"	0.150	CUF	8	JG8608-4560-5
JG86	4.560	115.82	.043"	0.171	CNR	1/16"	0.210	IPT	3/16"	0.197	LCUF	8	JG86F8-4560-5
JG86	4.560	115.82	.043"	0.171	CNR	1/16"	0.210	IPT	3/16"	0.190	CUS	8	JG86H8-4560-5
S100	4.560	115.82	1/16"	0.212	DMB	1/16"	0.206	IPT	3/16"	0.200	CUF	8	S100S8-4560-5
J100	4.580	116.33	1/16"	0.212	DMB	1/16"	0.212	IPT	3/16"	0.190	CUS	8	J100H8-4580-5
J100	4.600	116.84	1/16"	0.212	DMB	1/16"	0.212	IPT	3/16"	0.201	CUF	8	J100S8-4600-5
J100	4.600	116.84	1/16"	0.212	DMB	1/16"	0.212	IPT	3/16"	0.150	CUF	8	J100U8-4600-5
J300	4.600	116.84	1/16"	0.212	DMB	1/16"	0.218	IPT	3.0mm	0.149	CUF	8	J300F8-4600-5
J400	4.600	116.84	.043"	0.212	DMB	1/16"	0.212	IPT	3.0mm	0.149	CUF	8	J400F8-4600-5
J820	4.600	116.84	1/16"	0.210	HPB	1/16"	0.212	IPT	3/16"	0.201	CUF	8	J820S8-4600-5

PRO SEAL DIAMETRIC RING CHART

			TOP RING			SECOND RING			OIL RING				
Series	Bore	Bore in mm	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	# in Set	Ring Set Part #
JG71	4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.150	CUF	8	JG71U8-4600-5
JG73	4.600	116.84	.043"	0.171	CNR	.043"	0.170	DPE	3/16"	0.150	CUF	8	JG73U8-4600-5
JG77	4.600	116.84	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.150	CUF	8	JG7708-4600-5
JG77	4.600	116.84	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.150	CUF	8	JG77F8-4600-5
JG86	4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.150	CUF	8	JG8608-4600-5
JG86	4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.197	LCUF	8	JG86F8-4600-5
JG86	4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.205	CUF	8	JG86S8-4600-5
JG86	4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.150	CUF	8	JG86U8-4600-5
S100	4.600	116.84	1/16"	0.197	DMB	1/16"	0.206	IPT	3/16"	0.187	CUF	8	S100S8-4600-5
J100	4.610	117.09	1/16"	0.212	DMB	1/16"	0.212	IPT	3/16"	0.190	CUS	8	J100H8-4610-5
JG73	4.610	117.09	.043"	0.171	CNR	.043"	0.170	DPE	3/16"	0.200	CUF	8	JG73F8-4610-5
JG77	4.610	117.09	.043"	0.171	CNR	.043"	0.210	IPT	3.0mm	0.153	CUF	8	JG7708-4610-5
JG86	4.610	117.09	.043"	0.171	CNR	1/16"	0.195	DPE	3/16"	0.190	CUS	8	JG86H8-4610-5
J100	4.625	117.48	1/16"	0.212	DMB	1/16"	0.212	IPT	3/16"	0.201	CUF	8	J100S8-4625-5
JG73	4.625	117.48	.043"	0.171	CNR	.043"	0.170	DPE	3/16"	0.200	CUF	8	JG73S8-4625-5
JG77	4.625	117.48	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4625-5
JG86	4.625	117.48	.043"	0.171	CNR	1/16"	0.208	IPT	3/16"	0.200	CUF	8	JG86S8-4625-5

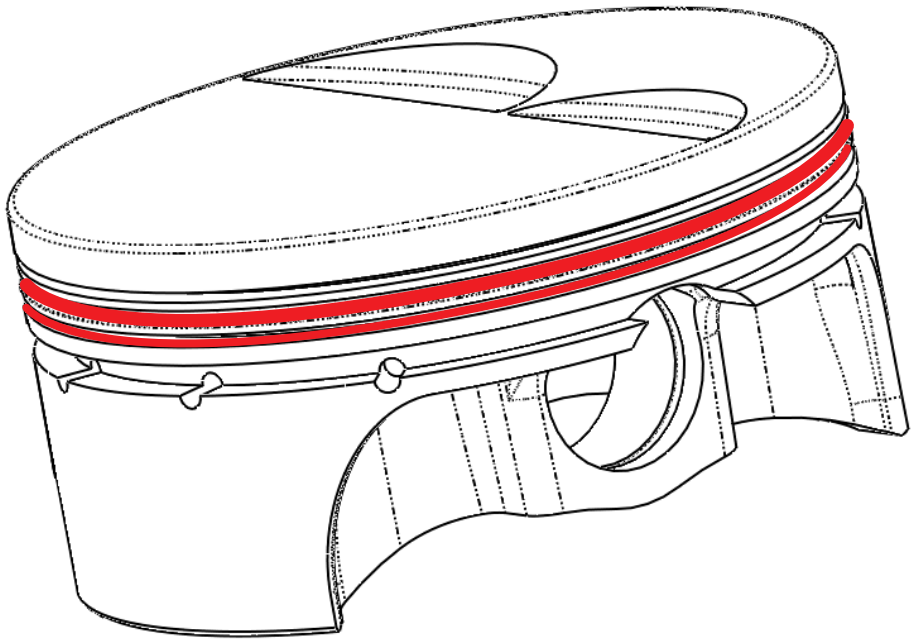
CUSTOM RINGS

JE OFFERS CUSTOM RINGS

DON'T SEE WHAT YOU NEED?

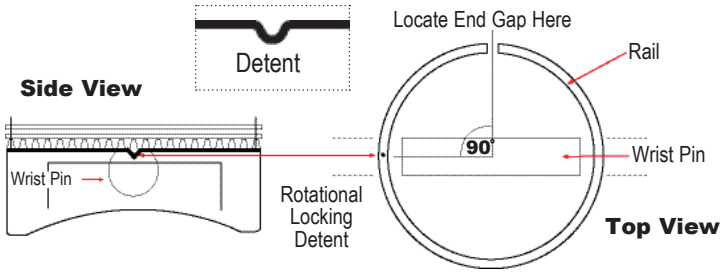
JE Pistons' new custom piston ring services include back cutting, dyke cutting, lapping, grinding, and PVD coating. These services, the same used by top NHRA Pro Stock and NASCAR teams, are now available to the public and offer tremendous gains in durability and power through reduced friction and improved ring seal. With options ranging from mild to wild, custom ring packages are the secret sauce that can take your racing program to the next level. Give our team a call today to get your custom rings started.

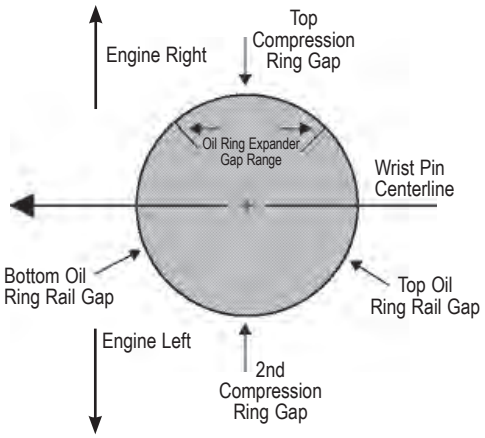
- **LAPPING REDUCES RING-LAND FRICTION**
- **BACK-CUTTING TO ADJUST TENSION**
- **GRINDING FOR CUSTOM RING HEIGHTS**
- **PVD COATING FOR INCREASED DURABILITY**



RAIL SUPPORTS AND RING PLACEMENT

JE Rail Supports feature a special locking detent to prevent rotation of the oil rail and keep the rail support gap 90º from the pin bore opening on the piston. This JE exclusive feature prevents the rail from rotating in the oil ring groove. Oil rail supports prevent the oil ring rails from spiraling off of pistons with short compression distances.





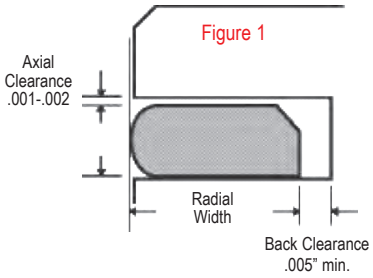
PRO SEAL

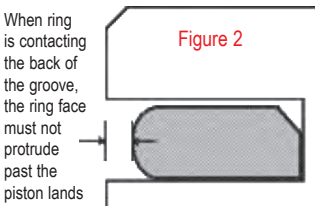
BORE RANGE	GRAMS	PART NO	BORE RANGE	GRAMS	PART NO	BORE RANGE	GRAMS	PART NO
2.999-3.039	4	3000-122	3.810-3.839	7	3812-173	4.310-4.349	9	4310-193
3.040-3.069	4	3040-122	3.840-3.874	7	3840-173	4.350-4.374	9	4350-193
3.070-3.114	4	3070-122	3.875-3.904	7	3875-173	4.375-4.404	9	4375-193
3.115-3.169	4	3115-122	3.905-3.934	7	3905-173	4.405-4.437	9	4405-193
3.230-3.285	4	3230-122	3.935-3.959	7	3935-173	4.438-4.469	9	4440-203
3.286-3.344	4	3285-122	3.960-3.998	7	3960-173	4.470-4.499	9	4470-203
3.345-3.384	4	3346-122	3.999-4.029	8	4000-183	4.500-4.529	10	4500-203
3.385-3.423	4	3385-122	4.030-4.059	8	4030-183	4.530-4.559	10	4530-203
3.424-3.464	4	3425-122	4.060-4.079	8	4060-183	4.560-4.599	10	4562-203
3.465-3.509	5	3465-142	4.080-4.119	8	4080-183	4.600-4.635	10	4600-203
3.510-3.559	5	3510-142	4.120-4.154	8	4125-183	4.636-4.674	10	4636-203
3.560-3.604	6	3560-142	4.155-4.184	8	4155-183	4.675-4.700	10	4675-203
3.605-3.654	6	3605-162	4.185-4.214	8	4185-183			
3.655-3.699	6	3655-162	4.215-4.247	8	4215-183			
3.700-3.747	6	3700-162	4.215-4.247	8	4215-162			
3.748-3.774	7	3750-162	4.248-4.279	9	4250-193			
3.775-3.809	7	3775-162	4.280-4.309	9	4280-193			

RING INSTALLATION GUIDELINES

IMPORTANT: BEFORE FILING RINGS - Check each individual ring in its corresponding piston ring groove to ensure proper ring groove depth (radial back clearance) and axial clearance (height) (fig.1 & 2). Proper cylinder finish (honing), ring end-gap, and lubrication are critical to achieving optimum ring seal.

RING GAP CHART	Minimum Gap Per Inch of Bore		
	Top Ring	2nd Ring	Oil Ring Rail
Application	Bore x	Bore x	Min. Gap
High-Perf. Street/Strip	.0045"	.0050"	.015"
Street Moderate Turbo/Nitrous	.0050"	.0055"	.015"
Late Model Stock	.0050"	.0053"	.015"
Circle Track/Drag Race	.0055"	.0057"	.015"
Nitrous Race Only	.0070"	.0073"	.015"
Blown Race Only	.0060"	.0063"	.015"





END GAP

End gap is the clearance between the two ends of a piston ring as it is installed in a cylinder. Most high performance and racing engine builders purchase piston rings slightly oversized in order to file fit them to very precise end gaps. Testing has shown measurable increases in horsepower and decreases in blow-by as a result of properly fitting the ring end gap to the operating conditions. Factors such as supercharging, turbocharging, nitrous oxide, endurance racing and different fuels determine proper ring end gap. Proper ring end gap can be more than double from one engine to the next depending upon the above factors.

At operating temperature, the top ring end gap should be as small as possible, but never touch. Precise machining of the cylinder bores is critical, and is the reason why rings should be fitted to the cylinder in which they are to be installed. A diameter variance from one cylinder to the next changes the end gap of the rings in that cylinder by a factor of pi (3.1416). For example, a cylinder .001" larger in diameter will increase the ring end gap by .001 x 3.1416 = .003", rounding off, which could increase cylinder leakage in that cylinder and decrease performance.

RING SETS CONTAINING OIL RAILS WITH A TAB

When installed in a horizontally opposed engine, rail gaps should be installed as shown (fig. 3). The tab rail must be installed below oil ring expander with the tab facing toward the bottom of the ring groove extending into the split oil drain back holes.

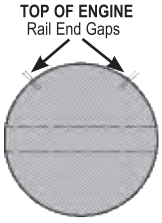


Figure 3

Example: Subaru

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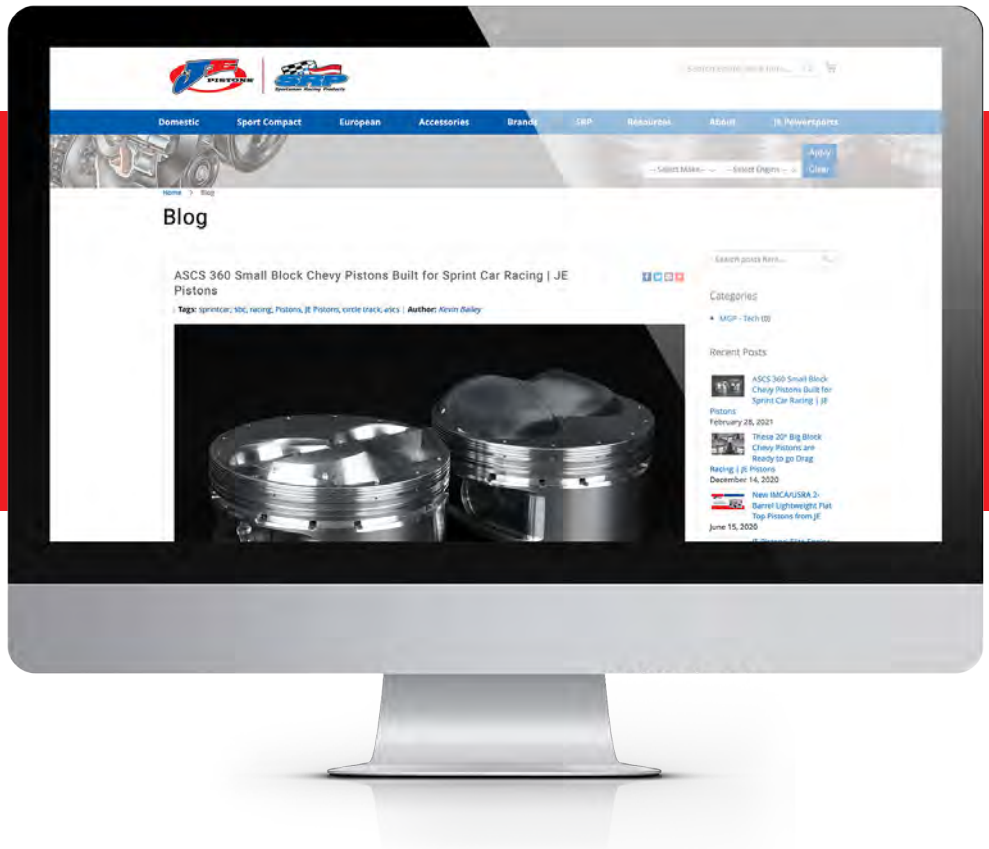

CHECK OUT JE PISTONS' BLOG

From engine building How-Tos and guides to detailed new product information to deep dives into piston tech, the JE Pistons blog is a one stop source to get your horsepower fix. We don't just build and sell pistons; we live the building and racing lifestyle. JE's own technical experts alongside veteran engine builders and racers continue to contribute to top-notch piston and power related content. So, whether you're looking for specific technical information while working on your build or you just want to check out the latest in racing features and piston tech, scroll through the JE Pistons blog!

Have an idea for content you want to see? Visit our contact page on our website and let us know!

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LOCKS

Most JE shelf pistons include double spiro locks as standard equipment. These locks are installed by spreading the lock between 1/8" and 1/4" and rotating the lock into the groove in the piston pin boss. Wire locks are installed in much the same manner but require chamfered wrist pins. Wire locks tend to spread side loads over more of the piston pin boss area and are considered to be a stronger method of holding the pin in place. Hook wire locks have a built in hook at the end gap. The purpose for this style of wire lock is to prevent rotation within the lock groove itself. Tru arc locks fall between these two and can be used with the stock sharp edge wrist pins. The advantage of tru-arc locks is ease of installation and they can be re-used unlike spiro locks, however they are not recommended for medium to high horsepower applications.

SPIRO LOCKS • SPIRO LOCKS • TRU ARC LOCKS • WIRE LOCKS

Alloy Steel | Carbon Steel | Carbon Steel | Chrome Silicon | Chrome Silicon

LOCK LETTER CODES

CS = Carbon Steel, Spiro Lock
AS = Alloy Steel, Spiro Lock
CT = Carbon Steel, Tru Arc Lock
MW = Chrome Silicon Wire Lock
SS = Stainless Steel, Spiro Lock
MH = Chrome Silicon Hook Wire Lock

SPIRO LOCK

PART #	DIAMETER	THICKNESS	MATERIAL
490-035-CS	.490"	.035"	CARBON STEEL
728-035-CS	.748"	.035"	CARBON STEEL
748-042-CS	.748"	.042"	CARBON STEEL
812-042-CS	.812"	.042"	CARBON STEEL
866-042-CS	.866"	.042"	CARBON STEEL
866-073-CS	.866"	.073"	CARBON STEEL
927-042-CS	.927"	.042"	CARBON STEEL
927-073-AS	.927"	.073"	ALLOY
927-042-SS	.927"	.042"	STAINLESS STEEL
990-042-CS	.990"	.042"	CARBON STEEL
990-073-CS	.990"	.073"	CARBON STEEL
990-042-SS	.990"	.042"	STAINLESS STEEL
031-037-CS	1.031"	.037"	CARBON STEEL
031-042-CS	1.031"	.042"	CARBON STEEL
062-050-CS	1.062"	.050"	CARBON STEEL
094-037-CS	1.094"	.037"	CARBON STEEL
094-050-CS	1.094"	.050"	CARBON STEEL
094-037-SS	1.094"	.037"	STAINLESS STEEL

LOCKS

TRU ARC LOCK			
PART #	**DIAMETER**	**THICKNESS**	**MATERIAL**
490-035-CT	.490"	.035"	CARBON STEEL
748-035-CT	.748"	.035"	CARBON STEEL
812-042-CT	.812"	.042"	CARBON STEEL
866-042-CT	.866"	.042"	CARBON STEEL
905-042-CT	.905"	.042"	CARBON STEEL
927-042-CT	.927"	.042"	CARBON STEEL
990-042-CT	.990"	.042"	CARBON STEEL
031-042-CT	1.031"	.042"	CARBON STEEL
094-050-CT	1.094"	.050"	CARBON STEEL

WIRE LOCK			
PART #	**DIAMETER**	**THICKNESS**	**MATERIAL**
512-040-AW	.512"	.040"	ALLOY
551-040-MW	.551"	.040"	CHROME SILICON
591-040-MW	.591"	.040"	CHROME SILICON
630-050-MW	.630"	.050"	CHROME SILICON
669-050-MW	.669"	.050"	CHROME SILICON
708-050-MW	.708"	.050"	CHROME SILICON
708-063-MW	.708"	.063"	CHROME SILICON
728-050-MW	.728"	.050"	CHROME SILICON
748-050-MW	.748"	.050"	CHROME SILICON
748-063-MW	.748"	.063"	CHROME SILICON
767-050-MW	.767"	.050"	CHROME SILICON
787-050-MW	.787"	.050"	CHROME SILICON
787-063-MW	.787"	.063"	CHROME SILICON
827-050-MW	.827"	.050"	CHROME SILICON
827-063-MW	.827"	.063"	CHROME SILICON
866-063-MW	.866"	.063"	CHROME SILICON
866-073-MW	.866"	.073"	CHROME SILICON
905-073-MW	.905"	.073"	CHROME SILICON
927-073-MW	.927"	.073"	CHROME SILICON
945-073-MW	.945"	.073"	CHROME SILICON
990-073-MW	.990"	.073"	CHROME SILICON
031-073-MW	1.031"	.073"	CHROME SILICON
094-073-MW	1.094"	.073"	CHROME SILICON

BUTTONS

In the past, pin buttons were most often found in blown engine applications using gas, alcohol, and nitro methane. Due to their reputation for durability under the most severe operating conditions, pin buttons have found their way into many endurance and high performance engine applications of all types. Pin buttons work well at any horsepower level; and can be used on anything from a mild 200hp street engine to an 8000hp Top Fuel application.

Due to certain or specific piston designs or applications, the use of an aluminum pin button may be necessary. The primary use of a pin button is to support the oil ring in instances where the oil ring intersects the wrist pin hole. JE can manufacture pin buttons for most any piston combination. Please note; pistons must be specifically designed to use pin buttons. The installation of pin buttons into pistons originally designed to use wire locks or spiro locks will result in severe engine damage. For ordering or technical questions, regarding pin buttons please call your JE sales representative at 714-898-9763.

TREND PERFORMANCE PINS

JE Pistons is now a distributor of Trend Performance wrist pins!

These Trend wrist pins are made in the USA from premium H-13 steel, making them the perfect upgrade for your high rpm, forced induction, or nitrous motor!

PART #	DIAMETER	LENGTH	WALL THICKNESS	GRAM	
H6692050125C	0.669	2.050	0.125	Chamfer	H-13
H8662000175CD	0.866	2.000	0.175	Chamfer	H-13 DLC Coated
H8662250185C	0.866	2.250	0.185	Chamfer	H-13
H8662250200C	0.866	2.250	0.200	Chamfer	H-13
H8662250225C	0.866	2.250	0.225	Chamfer	H-13
H8662250250C	0.866	2.250	0.250	Chamfer	H-13
H8662500200C	0.866	2.500	0.200	Chamfer	H-13
H9052250205C	0.905	2.250	0.205	Chamfer	H-13
H9052500200C	0.905	2.500	0.200	Chamfer	H-13
H9272250165CD	0.927	2.250	0.165	Chamfer	H-13 DLC Coated
H9272250185C	0.927	2.250	0.185	Chamfer	H-13
H9272250185CD	0.927	2.250	0.185	Chamfer	H-13 DLC Coated
H9272250225C	0.927	2.250	0.225	Chamfer	H-13
H9272500185C	0.927	2.500	0.185	Chamfer	H-13
H9272500225C	0.927	2.500	0.225	Chamfer	H-13
H9272750155C	0.927	2.750	0.155	Chamfer	H-13
H9272750165C	0.927	2.750	0.165	Chamfer	H-13
H9272750185C	0.927	2.750	0.185	Chamfer	H-13
H9272750185CD	0.927	2.750	0.185	Chamfer	H-13 DLC Coated
H9272950185C	0.927	2.950	0.185	Chamfer	H-13
H9902500185C	0.990	2.500	0.185	Chamfer	H-13
H9902930185C	0.990	2.930	0.185	Chamfer	H-13
H9902930250C	0.990	2.930	0.250	Chamfer	H-13
H8662250200D	0.866	2.250	0.200	Straight	H-13 DLC Coated
H8662500155	0.866	2.500	0.155	Straight	H-13
H8662500185	0.866	2.500	0.185	Straight	H-13
H8662500200	0.866	2.500	0.200	Straight	H-13
H8662500220	0.866	2.500	0.220	Straight	H-13
H9052500240	0.905	2.500	0.240	Straight	H-13
H9272500165	0.927	2.500	0.165	Straight	H-13
H9272500185	0.927	2.500	0.185	Straight	H-13
H9272500185T	0.927	2.500	0.185	Straight	H-13 Tapered Wall
H9272500185D	0.927	2.500	0.185	Straight	H-13 DLC Coated
H9272500205	0.927	2.500	0.205	Straight	H-13
H9272500225	0.927	2.500	0.225	Straight	H-13
H9272750155	0.927	2.750	0.155	Straight	H-13
H9272750165	0.927	2.750	0.165	Straight	H-13
H9272750185	0.927	2.750	0.185	Straight	H-13
H9272750205	0.927	2.750	0.205	Straight	H-13
H9272750225	0.927	2.750	0.225	Straight	H-13
H9272950185	0.927	2.950	0.185	Straight	H-13
H9272950205	0.927	2.950	0.205	Straight	H-13
H9272950225	0.927	2.950	0.225	Straight	H-13
H9272950250	0.927	2.950	0.250	Straight	H-13
H9902750185	0.990	2.750	0.185	Straight	H-13
H9902750205	0.990	2.750	0.205	Straight	H-13
H9902915175	0.990	2.915	0.175	Straight	H-13
H9902930155	0.990	2.930	0.155	Straight	H-13
H9902930165	0.990	2.930	0.165	Straight	H-13
H9902930175	0.990	2.930	0.175	Straight	H-13
H9902930185	0.990	2.930	0.185	Straight	H-13
H9902930185D	0.990	2.930	0.185	Straight	H-13 DLC Coated
H9902930200	0.990	2.930	0.200	Straight	H-13
H9902930205	0.990	2.930	0.205	Straight	H-13
H9902930220	0.990	2.930	0.220	Straight	H-13
H9902930225	0.990	2.930	0.225	Straight	H-13
H9902930250	0.990	2.930	0.250	Straight	H-13
H9903100250	0.990	3.100	0.250	Straight	H-13
H10943400250T	1.094	3.400	0.250	Straight	H-13 Tapered Wall
H10943400250	1.094	3.400	0.250	Straight	H-13

JE PINS DIAMETRIC CHART

SERIES LEGEND

34 SERIES - DLC CASIDIAM COATED STRAIGHT WALL

38 SERIES - C350 CASIDIAM COATED STRAIGHT WALL

51 SERIES - 5115 LOW CARBON STEEL, CASE HARDENED, STRAIGHT WALL

52 SERIES - 52100 HIGH CARBON STEEL, THROUGH HARDENED, STRAIGHT WALL

55 SERIES - 5115 LOW CARBON STEEL, CASE HARDENED, STRAIGHT WALL

64 SERIES - GKHW DLC COATED STRAIGHT WALL

72 SERIES - 300M STRAIGHT WALL

93 SERIES - 9310 NICKEL CARBON STEEL ALLOY, STRAIGHT WALL

94 SERIES - 9310 NICKEL CARBON STEEL ALLOY WITH DLC COATING

95 SERIES - 9310 NICKEL CARBON STEEL ALLOY, TAPERED WALL

98 SERIES - 9310 NICKEL CARBON STEEL ALLOY WITH CASIDIAM COATING

5D SERIES - 52100 HIGH CARBON STEEL, THROUGH HARDENED, STRAIGHT WALL DLC COATED

9B SERIES - 9310 NICKEL CARBON STEEL ALLOY WITH DLC COATING

9D SERIES - 9310 NICKEL CARBON STEEL ALLOY WITH DLC COATING

CT SERIES - S7 THROUGH HARDENED TAPERED WALL

PC SERIES - 9310 NICKEL CARBON STEEL ALLOY TAPERED WALL DLC COATED

PE SERIES - 9310 NICKEL CARBON STEEL ALLOY TAPERED WALL DLC COATED

PS SERIES - 9310 NICKEL CARBON STEEL ALLOY PRECISION STRAIGHT WALL

PT SERIES - 9310 NICKEL CARBON STEEL ALLOY PRECISION TAPERED WALL

TS SERIES - H13 TOOL STEEL ALLOY, STRAIGHT WALL

TT SERIES - H13 TOOL STEEL ALLOY, TAPERED WALL

JE PINS DIAMETRIC CHART

PART #	DIAMETER	LENGTH	WALL THICKNESS	GRAM
490-1908-06-51S	.490"	1.908"	.060"	22
490-2075-09-55S	.490"	2.750"	.090"	
512-1535-10-5XC	.512"	1.535"	.100"	
551-1650-12-93C	.551"	1.650"	.120"	34
591-1500-14-PTC	.591"	1.500"	.140"	
591-1650-14-PEC	.591"	1.650"	.140"	
591-1650-14-TTC	.591"	1.650"	.140"	
591-1750-10-93C	.591"	1.750"	.100"	35
591-2050-10-52C	.591"	2.050"	.100"	42
591-2050-10-TSC	.591"	2.050"	.100"	42
591-2050-11-51C	.591"	2.050"	.110"	43
630-1500-14-93C	.630"	1.500"	.140"	42
630-1500-14-9DC	.630"	1.500"	.140"	
630-1500-14-PEC	.630"	1.500"	.140"	
630-1500-14-PTC	.630"	1.500"	.140"	
630-1650-12-93C	.630"	1.650"	.120"	40
630-1650-14-PCC	.630"	1.650"	.140"	
630-1650-14-PEC	.630"	1.650"	.140"	
630-1650-14-PTC	.630"	1.650"	.140"	42
630-1650-14-TTC	.630"	1.650"	.140"	
630-1750-12-93C	.630"	1.750"	.120"	43
630-2050-14-95C	.630"	2.050"	.140"	53
630-2050-17-PSC	.630"	2.500"	.170"	
630-2050-17-TSC	.630"	2.050"	.170"	
669-1650-14-TTC	.669"	1.650"	.140"	
669-2050-11-52C	.669"	2.050"	.110"	51
669-2050-11-TSC	.669"	2.050"	.110"	

JE PINS DIAMETRIC CHART

PART #	DIAMETER	LENGTH	WALL THICKNESS	GRAM
669-2050-12-51C	.669"	2.050"	.120"	53
669-2050-14-52C	.669"	2.050"	.140"	60
669-2050-14-TSC	.669"	2.050"	.140"	
669-2250-11-52C	.669"	2.250"	.110"	57
669-2250-11-TSC	.669"	2.250"	.110"	
669-2250-12-51C	.669"	2.250"	.120"	59
669-2250-14-52C	.669"	2.250"	.140"	67
669-2250-14-TSC	.669"	2.250"	.140"	
687-2250-12-TSC	.687"	2.250"	.120"	
708-1650-14-PTC	.708"	1.650"	.140"	50
708-1750-14-PTC	.708"	1.750"	.140"	52
708-1925-16-93C	.708"	1.925"	.160"	
708-1925-16-9DC	.708"	1.925"	.160"	
708-2000-17-64C	.708"	2.000"	.170"	
708-2050-10-93C	.708"	2.050"	.100"	50
708-2050-12-51C	.708"	2.050"	.120"	58
708-2050-12-93C	.708"	2.050"	.120"	57
708-2050-14-51C	.708"	2.050"	.140"	64
708-2050-14-93C	.708"	2.050"	.140"	65
708-2050-16-93C	.708"	2.050"	.160"	71
708-2050-16-9DC	.708"	2.050"	.160"	
708-2250-10-52C	.708"	2.250"	.100"	55
708-2250-10-TSC	.708"	2.250"	.100"	
708-2250-12-51C	.708"	2.250"	.120"	64
708-2250-12-52C	.708"	2.250"	.120"	63
708-2250-12-TSC	.708"	2.250"	.120"	
708-2250-14-93C	.708"	2.250"	.140"	71
708-2250-14-9BC	.708"	2.250"	.140"	70
708-2250-18-TTC	.708"	2.250"	.180"	
708-2350-18-PTC	.708"	2.350"	.180"	83
728-2250-12-52C	.728"	2.250"	.120"	64
728-2250-12-TSC	.728"	2.250"	.120"	
748-1650-14-93C	.748"	1.650"	.140"	
748-1750-16-93C	.748"	1.750"	.160"	65
748-1800-16-9DC	.748"	1.800"	.160"	
748-2050-12-52C	.748"	2.050"	.120"	61
748-2050-12-TSC	.748"	2.050"	.120"	
748-2050-14-93C	.748"	2.050"	.140"	70
748-2050-16-93C	.748"	2.050"	.160"	77
748-2050-16-9DC	.748"	2.050"	.160"	
748-2250-12-51C	.748"	2.250"	.120"	70
748-2250-12-51S	.748"	2.250"	.120"	70
748-2250-12-52C	.748"	2.250"	.120"	68
748-2250-12-TSC	.748"	2.250"	.120"	
748-2250-14-51C	.748"	2.250"	.140"	76
748-2250-14-95C	.748"	2.250"	.140"	72
748-2500-12-51C	.748"	2.500"	.120"	78
748-2500-12-52C	.748"	2.500"	.120"	75
748-2500-12-TSC	.748"	2.500"	.120"	
748-2500-14-TTC	.748"	2.500"	.140"	
750-1800-13-52C	.750"	1.800"	.130"	
750-2250-13-52C	.750"	2.250"	.130"	72
750-2250-13-TSC	.750"	2.250"	.130"	
750-2500-14-51C	.750"	2.500"	.140"	86
750-2500-14-51S	.750"	2.500"	.140"	86
767-2250-13-52C	.767"	2.250"	.130"	74
767-2250-13-TSC	.767"	2.250"	.130"	
767-2250-13-TSC	.767"	2.250"	.130"	
787-1800-16-9DC	.787"	1.800"	.160"	
787-1800-18-38C	.787"	1.800"	.180"	81
787-2050-10-93C	.787"	2.050"	0.100	57
787-2050-14-93C	.787"	2.050"	.140"	74
787-2050-16-93C	.787"	2.050"	.160"	82
787-2050-16-9DC	.787"	2.050"	.160"	
787-2050-18-TTC	.787"	2.050"	.180"	
787-2050-21-93C	.787"	2.500"	.210"	
787-2250-11-93C	.787"	2.250"	.110"	69

JE PINS DIAMETRIC CHART

PART #	DIAMETER	LENGTH	WALL THICKNESS	GRAM
787-2250-12-51C	.787"	2.250"	.120"	69
787-2250-14-93C	.787"	2.250"	.140"	83
787-2250-18-51C	.787"	2.250"	.180"	97
787-2250-18-PTC	.787"	2.250"	.180"	90
787-2250-18-TTC	.787"	2.250"	.180"	
787-2250-21-93C	.787"	2.250"	.210"	110
787-2350-10-93C	.787"	2.350"	.100"	66
787-2350-14-51C	.787"	2.350"	.140"	87
787-2350-14-93C	.787"	2.350"	.140"	87
787-2350-18-PTC	.787"	2.350"	.180"	94
787-2500-12-51C	.787"	2.500"	.120"	77
787-2500-14-51C	.787"	2.500"	.140"	93
787-2500-14-51S	.787"	2.500"	.140"	93
787-2500-17-98C	.787"	2.500"	.170"	
787-2850-14-51S	.787"	2.850"	.140"	
791-2250-11-52C	.791"	2.250"	.110"	
791-2250-11-TSC	.791"	2.250"	.110"	
791-2500-14-51C	.791"	2.500"	.140"	95
791-2500-14-51S	.791"	2.500"	.140"	95
791-2795-14-51S	.791"	2.795"	.140"	105
792-2500-14-51C	.792"	2.500"	.140"	87
792-2500-14-51S	.792"	2.500"	.140"	87
792-2795-14-51C	.792"	2.795"	.140"	97
792-2795-14-51S	.792"	2.795"	.140"	97
812-2050-13-PTC	.812"	2.050"	.130"	68
812-2050-13-TTC	.812"	2.050"	.130"	
812-2250-12-52C	.812"	2.250"	.120"	74
812-2250-12-TSC	.812"	2.250"	.120"	
812-2250-13-PSS	.812"	2.250"	.130"	
812-2250-14-51C	.812"	2.250"	.140"	86
812-2250-14-51S	.812"	2.250"	.140"	86
812-2250-14-95C	.812"	2.250"	.140"	79
812-2250-15-98C	.812"	2.250"	.150"	
812-2485-15-PSC	.812"	2.485"	.150"	
812-2500-12-52C	.812"	2.500"	.120"	84
812-2500-12-52S	.812"	2.500"	.120"	83
812-2500-12-TSC	.812"	2.500"	.120"	
812-2500-12-TSS	.812"	2.500"	.120"	
812-2500-14-51C	.812"	2.050"	.140"	95
812-2500-15-TSC	.812"	2.500"	.150"	
827-2050-12-51C	.827"	2.050"	.120"	73
827-2050-12-93C	.827"	2.050"	.120"	71
827-2050-15-93C	.827"	2.050"	.150"	81
827-2050-15-9DC	.827"	2.050"	.150"	
827-2050-18-51C	.827"	2.050"	.180"	95
827-2050-21-93C	.827"	2.050"	.210"	106
827-2250-13-93C	.827"	2.250"	.130"	82
827-2250-15-51C	.827"	2.250"	.150"	91
827-2250-15-51S	.827"	2.250"	.150"	91
827-2250-15-93C	.827"	2.250"	.150"	90
827-2250-20-51C	.827"	2.250"	.200"	
827-2250-21-93C	.827"	2.250"	.210"	116
827-2350-15-51C	.827"	2.350"	.150"	95
827-2500-15-51C	.827"	2.500"	.150"	101
827-2500-17-93C	.827"	2.500"	.170"	113
827-2500-17-93S	.827"	2.500"	.170"	113
827-2500-21-93C	.827"	2.500"	.210"	
866-1850-15-52C	.866"	1.850"	.150"	
866-2000-17-72S	.866"	2.000"	.170"	
866-2000-17-94C	.866"	2.000"	.170"	95
866-2000-18-34C	.866"	2.000"	.180"	102
866-2050-12-51C	.866"	2.050"	.120"	74
866-2050-12-52C	.866"	2.050"	.120"	74
866-2050-12-TSC	.866"	2.050"	.120"	
866-2050-15-51C	.866"	2.050"	.150"	89
866-2050-15-52C	.866"	2.050"	.150"	89
866-2050-15-93C	.866"	2.050"	.150"	89

JE PINS DIAMETRIC CHART

PART #	DIAMETER	LENGTH	WALL THICKNESS	GRAM
866-2050-15-PSC	.866"	2.500"	.150"	
866-2050-15-TSC	.866"	2.050"	.150"	
866-2050-18-51C	.866"	2.050"	.180"	103
866-2250-12-52C	.866"	2.250"	.120"	81
866-2250-12-TSC	.866"	2.250"	.120"	
866-2250-15-51C	.866"	2.250"	.150"	98
866-2250-15-93C	.866"	2.250"	.150"	97
866-2250-15-98C	.866"	2.250"	.150"	97
866-2250-15-9DC	.866"	2.250"	.150"	
866-2250-17-52C	.866"	2.250"	.170"	106
866-2250-17-93C	.866"	2.250"	.170"	
866-2250-17-TSC	.866"	2.250"	.170"	
866-2250-18-51C	.866"	2.250"	.180"	
866-2250-23-93C	.866"	2.250"	.230"	132
866-2350-15-51C	.866"	2.350"	.150"	103
866-2350-17-93C	.866"	2.350"	.170"	112
866-2500-10-52C	.866"	2.500"	.100"	77
866-2500-10-TSC	.866"	2.500"	.100"	
866-2500-12-52C	.866"	2.500"	.120"	90
866-2500-12-52S	.866"	2.500"	.120"	90
866-2500-12-TSC	.866"	2.500"	.120"	
866-2500-12-TSS	.866"	2.500"	.120"	
866-2500-15-51C	.866"	2.500"	.150"	109
866-2500-15-51S	.866"	2.500"	.150"	109
866-2500-15-93C	.866"	2.500"	.150"	108
866-2500-15-93S	.866"	2.500"	.150"	110
866-2500-15-95C	.866"	2.500"	.150"	100
866-2500-15-TSC	.866"	2.500"	.150"	
866-2500-17-93C	.866"	2.500"	.170"	119
866-2500-17-93S	.866"	2.500"	.170"	119
866-2500-18-51C	.866"	2.500"	.180"	125
866-2500-21-93C	.866"	2.500"	.210"	138
866-2750-15-51C	.866"	2.750"	.150"	121
866-2750-15-51S	.866"	2.750"	.150"	121
866-2850-15-51C	.866"	2.850"	.150"	125
867-2500-18-98C	.867"	2.500"	.180"	
868-2250-15-PSC	.868"	2.250"	.150"	99
875-2500-12-52C	.875"	2.500"	.120"	90
875-2500-12-52S	.875"	2.500"	.120"	90
875-2500-12-TSC	.875"	2.500"	.120"	
875-2500-12-TSS	.875"	2.500"	.120"	
875-2500-15-51C	.875"	2.500"	.150"	
875-2500-15-51S	.875"	2.500"	.150"	113
875-2500-16-TTC	.875"	2.500"	.160"	
875-2850-15-51S	.875"	2.850"	.150"	129
886-2250-18-51C	.886"	2.250"	.180"	
886-2250-22-93C	.886"	2.250"	.220"	
905-2050-15-51C	.905"	2.050"	.150"	97
905-2050-15-52C	.905"	2.050"	.150"	91
905-2050-15-TSC	.905"	2.050"	.150"	
905-2050-18-51C	.905"	2.050"	.180"	106
905-2050-21-93C	.905"	2.050"	.210"	120
905-2250-15-51C	.905"	2.250"	.150"	106
905-2250-15-52C	.905"	2.250"	.150"	99
905-2250-15-TSC	.905"	2.250"	.150"	
905-2250-18-51C	.905"	2.250"	.180"	117
905-2250-18-51S	.905"	2.250"	.180"	117
905-2250-18-93C	.905"	2.250"	.180"	118
905-2250-18-93S	.905"	2.250"	.180"	118
905-2250-21-93C	.905"	2.250"	.210"	132
905-2250-21-93S	.905"	2.250"	.210"	132
905-2250-21-9DS	.905"	2.250"	.210"	
905-2350-15-51C	.905"	2.350"	.150"	111
905-2500-15-51C	.905"	2.500"	.150"	118
905-2500-15-51S	.905"	2.500"	.150"	118
905-2500-15-52C	.905"	2.500"	.150"	112
905-2500-15-TSC	.905"	2.500"	.150"	

JE PINS DIAMETRIC CHART

PART #	DIAMETER	LENGTH	WALL THICKNESS	GRAM
905-2500-18-93C	.905"	2.500"	.180"	130
905-2500-18-93S	.905"	2.500"	.180"	130
905-2500-21-93C	.905"	2.500"	.210"	147
912-2250-14-51C	.912"	2.250"	.140"	99
912-2500-12-52S	.912"	2.500"	.120"	97
912-2500-12-TSS	.912"	2.500"	.120"	
912-2500-14-51S	.912"	2.500"	.140"	111
912-2500-14-PTS	.912"	2.500"	.140"	98
912-2750-12-52S	.912"	2.750"	.120"	108
912-2750-12-TSS	.912"	2.750"	.120"	
912-2750-14-51S	.912"	2.750"	.140"	123
912-2750-15-52S	.912"	2.750"	.150"	127
912-2750-15-TSS	.912"	2.750"	.150"	
922-2250-15-51S	.922"	2.250"	.150"	
922-2750-15-51S	.922"	2.750"	.150"	
927-2000-13-51C	.927"	2.000"	.130"	82
927-2000-15-93C	.927"	2.000"	.150"	90
927-2000-18-9DC	.927"	2.000"	.180"	
927-2250-15-51C	.927"	2.250"	.150"	106
927-2250-15-93C	.927"	2.250"	.150"	102
927-2250-15-98C	.927"	2.250"	.150"	105
927-2250-15-9DC	.927"	2.250"	.150"	
927-2250-17-51C	.927"	2.250"	.170"	116
927-2250-17-52C	.927"	2.250"	.170"	113
927-2250-17-93C	.927"	2.250"	.170"	
927-2250-17-94C	.927"	2.250"	.170"	116
927-2250-17-9DC	.927"	2.250"	.170"	
927-2250-17-TSC	.927"	2.250"	.170"	
927-2250-18-93C	.927"	2.250"	.180"	123
927-2250-20-51C	.927"	2.250"	.200"	
927-2250-20-93C	.927"	2.250"	.200"	131
927-2350-13-93C	.927"	2.350"	.130"	100
927-2350-15-51C	.927"	2.350"	.150"	111
927-2400-13-51C	.927"	2.400"	.130"	103
927-2500-12-95S	.927"	2.500"	.120"	92
927-2500-13-51S	.927"	2.500"	.130"	108
927-2500-13-93S	.927"	2.500"	.130"	106
927-2500-15-51C	.927"	2.500"	.150"	118
927-2500-15-51S	.927"	2.500"	.150"	118
927-2500-15-52C	.927"	2.500"	.150"	116
927-2500-15-93C	.927"	2.500"	.150"	113
927-2500-15-93S	.927"	2.500"	.150"	114
927-2500-15-95C	.927"	2.500"	.150"	110
927-2500-15-95S	.927"	2.500"	.150"	110
927-2500-15-98C	.927"	2.500"	.150"	
927-2500-15-9DC	.927"	2.500"	.150"	
927-2500-15-TSC	.927"	2.500"	.150"	
927-2500-17-93C	.927"	2.500"	.170"	126
927-2750-13-93C	.927"	2.750"	.130"	115
927-2750-13-93S	.927"	2.750"	.130"	117
927-2750-15-51C	.927"	2.750"	.150"	130
927-2750-15-51S	.927"	2.750"	.150"	130
927-2750-15-52C	.927"	2.750"	.150"	128
927-2750-15-52S	.927"	2.750"	.150"	128
927-2750-15-93C	.927"	2.750"	.150"	125
927-2750-15-93S	.927"	2.750"	.150"	126
927-2750-15-94C	.927"	2.750"	.150"	127
927-2750-15-98C	.927"	2.750"	.150"	
927-2750-15-9DC	.927"	2.750"	.150"	
927-2750-15-TSC	.927"	2.750"	.150"	
927-2750-15-TSS	.927"	2.750"	.150"	
927-2750-17-93C	.927"	2.750"	.170"	139
927-2750-17-93S	.927"	2.750"	.170"	139
927-2750-17-94C	.927"	2.750"	.170"	141
927-2750-17-9DC	.927"	2.750"	.170"	
927-2750-18-51C	.927"	2.750"	.180"	
927-2750-18-52C	.927"	2.750"	.180"	150

JE PINS DIAMETRIC CHART

PART #	DIAMETER	LENGTH	WALL THICKNESS	GRAM
927-2750-18-52S	.927"	2.750"	.180"	150
927-2750-18-95C	.927"	2.750"	.180"	140
927-2750-18-95S	.927"	2.750"	.180"	139
927-2750-18-TSC	.927"	2.750"	.180"	
927-2750-18-TSS	.927"	2.750"	.180"	
927-2750-20-93C	.927"	2.750"	.200"	
927-2750-20-93S	.927"	2.750"	.200"	
927-2850-15-51S	.927"	2.850"	.150"	134
927-2950-15-51C	.927"	2.950"	.150"	140
927-2950-15-51S	.927"	2.950"	.150"	139
927-2950-15-52C	.927"	2.950"	.150"	136
927-2950-15-72C	.927"	2.950"	.150"	
927-2950-15-93C	.927"	2.950"	.150"	134
927-2950-15-93S	.927"	2.950"	.150"	135
927-2950-15-TSC	.927"	2.950"	.150"	
927-2950-17-93C	.927"	2.950"	.170"	148
927-2950-17-93S	.927"	2.950"	.170"	150
927-2950-187-PTC	.927"	2.950"	.187"	
927-2950-18-93S	.927"	2.950"	.180"	162
927-2950-18-95S	.927"	2.950"	.180"	151
927-2950-20-93C	.927"	2.950"	.200"	172
927-2950-20-93S	.927"	2.950"	.200"	172
928-2350-15-51C	.928"	2.350"	.150"	112
928-2500-13-52S	.928"	2.500"	.130"	106
928-2500-13-TSS	.928"	2.500"	.130"	
928-2500-15-51C	.928"	2.500"	.150"	118
928-2500-15-51S	.928"	2.500"	.150"	118
928-2500-15-52C	.928"	2.500"	.150"	117
928-2500-15-52S	.928"	2.500"	.150"	118
928-2500-15-TSC	.928"	2.500"	.150"	
928-2500-15-TSS	.928"	2.500"	.150"	
928-2750-13-52S	.928"	2.500"	.130"	115
928-2750-13-TSS	.928"	2.750"	.130"	
928-2750-15-51S	.928"	2.750"	.150"	131
928-2750-15-93C	.928"	2.750"	.150"	125
928-2750-15-93S	.928"	2.750"	.150"	125
928-2750-15-94C	.928"	2.750"	.150"	129
928-2750-15-98C	.928"	2.750"	.150"	
928-2750-17-93S	.928"	2.750"	.170"	
928-2950-13-72C	.928"	2.950"	.130"	123
928-2950-13-72S	.928"	2.950"	.130"	123
928-2950-15-51C	.928"	2.950"	.150"	140
928-2950-15-51S	.928"	2.950"	.150"	140
928-2950-15-93C	.928"	2.950"	.150"	136
928-2950-17-93C	.928"	2.950"	.170"	154
929-2350-15-93C	.929"	2.350"	.150"	
929-2500-13-52S	.929"	2.500"	.130"	107
929-2500-13-TSS	.929"	2.500"	.130"	
929-2500-15-93S	.929"	2.500"	.150"	114
929-2750-13-52S	.929"	2.750"	.130"	116
929-2750-13-TSS	.929"	2.750"	.130"	
929-2750-17-93C	.929"	2.750"	.170"	
929-2950-15-93C	.929"	2.950"	.150"	139
929-2950-15-93S	.929"	2.950"	.150"	135
929-2950-17-93S	.929"	2.950"	.170"	
930-2500-13-52S	.930"	2.500"	.130"	106
930-2500-13-TSS	.930"	2.500"	.130"	
930-2500-15-52C	.930"	2.500"	.150"	
930-2500-15-93S	.930"	2.500"	.150"	
930-2500-15-TSC	.930"	2.500"	.150"	
930-2750-15-51S	.930"	2.750"	.150"	132
930-2950-15-52S	.930"	2.950"	.150"	139
930-2950-15-93C	.930"	2.950"	.150"	136
930-2950-15-TSS	.930"	2.950"	.150"	
930-2950-17-93C	.930"	2.950"	.170"	155
940-2500-16-51C	.940"	2.500"	.160"	
940-2500-16-51S	.940"	2.500"	.160"	125

JE PINS DIAMETRIC CHART

PART #	DIAMETER	LENGTH	WALL THICKNESS	GRAM
940-2750-16-51C	.940"	2.750"	.160"	
940-2750-16-51S	.940"	2.750"	.160"	137
943-2250-20-51C	.943"	2.250"	.200"	
943-2250-20-93C	.943"	2.250"	.200"	
945-2250-15-51C	.945"	2.250"	.150"	105
945-2250-15-5DC	.945"	2.250"	.150"	
945-2250-19-93C	.945"	2.250"	.190"	
945-2250-20-51C	.945"	2.250"	.200"	
945-2250-20-93C	.945"	2.250"	.200"	
945-2500-14-51C	.945"	2.500"	.140"	116
945-2500-14-51S	.945"	2.500"	.140"	117
945-2500-14-52C	.945"	2.500"	.140"	116
945-2500-14-TSC	.945"	2.500"	.140"	
945-2500-18-52C	.945"	2.500"	.180"	138
945-2500-18-TSC	.945"	2.500"	.180"	
945-2750-14-51S	.945"	2.750"	.140"	128
945-2850-14-51C	.945"	2.850"	.140"	132
975-2750-16-51S	.975"	2.750"	.160"	144
975-2930-16-51S	.975"	2.930"	.160"	154
980-2750-15-51S	.980"	2.750"	.150"	135
980-2930-16-51S	.980"	2.930"	.160"	156
984-2500-15-51C	.984"	2.500"	.150"	125
984-2750-15-51S	.984"	2.750"	.150"	138
984-2930-16-51S	.984"	2.930"	.160"	158
990-2500-15-52C	.990"	2.500"	.150"	123
990-2500-15-TSC	.990"	2.500"	.150"	
990-2500-18-51C	.990"	2.500"	.180"	
990-2500-20-93C	.990"	2.500"	.200"	
990-2500-23-93C	.990"	2.500"	.230"	
990-2750-13-52S	.990"	2.750"	.130"	125
990-2750-13-TSS	.990"	2.750"	.130"	
990-2750-15-51S	.990"	2.750"	.150"	141
990-2750-18-51S	.990"	2.750"	.180"	164
990-2800-20-93C	.990"	2.800"	.200"	
990-2930-13-52S	.990"	2.930"	.130"	133
990-2930-13-TSS	.990"	2.930"	.130"	
990-2930-15-51C	.990"	2.930"	.150"	150
990-2930-15-51S	.990"	2.930"	.150"	152
990-2930-15-52C	.990"	2.930"	.150"	146
990-2930-15-52S	.990"	2.930"	.150"	144
990-2930-15-95S	.990"	2.930"	.150"	139
990-2930-15-TSC	.990"	2.930"	.150"	
990-2930-15-TSS	.990"	2.930"	.150"	
990-2930-18-51C	.990"	2.930"	.180"	
990-2930-18-51S	.990"	2.930"	.180"	174
990-2930-18-52C	.990"	2.930"	.180"	172
990-2930-18-52S	.990"	2.930"	.180"	172
990-2930-18-93C	.990"	2.930"	.180"	173
990-2930-18-93S	.990"	2.930"	.180"	173
990-2930-18-95C	.990"	2.930"	.180"	161
990-2930-18-95S	.990"	2.930"	.180"	164
990-2930-18-9DC	.990"	2.930"	.180"	
990-2930-18-PTC	.990"	2.930"	.180"	
990-2930-18-TSC	.990"	2.930"	.180"	
990-2930-18-TSS	.990"	2.930"	.180"	
990-2930-20-52C	.990"	2.930"	.200"	186
990-2930-20-52S	.990"	2.930"	.200"	186
990-2930-20-93C	.990"	2.930"	.200"	
990-2930-20-93S	.990"	2.930"	.200"	190
990-2930-20-94C	.990"	2.930"	.200"	
990-2930-20-TSC	.990"	2.930"	.200"	
990-2930-20-TSS	.990"	2.930"	.200"	
990-2930-24-93S	.990"	2.930"	.240"	215
991-2930-15-52S	.991"	2.930"	.130"	144
991-2930-15-TSS	.991"	2.930"	.150"	
991-2930-18-52S	.991"	2.930"	.180"	172
991-2930-18-TSS	.991"	2.930"	.180"	

JE PINS DIAMETRIC CHART

PART #	DIAMETER	LENGTH	WALL THICKNESS	GRAM
991-2930-20-52S	.991"	2.930"	.200"	184
991-2930-20-TSS	.991"	2.930"	.200"	
992-2930-15-51S	.992"	2.930"	.150"	151
992-2930-15-52S	.992"	2.930"	.150"	146
992-2930-15-TSS	.992"	2.930"	.150"	
992-2930-18-51S	.992"	2.930"	.180"	175
992-2930-18-52S	.992"	2.930"	.180"	173
992-2930-18-TSS	.992"	2.930"	.180"	
993-2930-18-51S	.993"	2.930"	.180"	176
993-2930-18-52S	.993"	2.930"	.180"	174
993-2930-18-TSS	.993"	2.930"	.180"	
000-2750-16-51C	1.000"	2.750"	.160"	
000-2750-16-51S	1.000"	2.750"	.160"	146
000-2930-16-51S	1.000"	2.930"	.160"	156
024-2250-14-51S	1.024"	2.250"	.140"	113
024-2500-20-51S	1.024"	2.500"	.200"	
024-2950-18-TSS	1.024"	2.950"	.180"	
031-2750-15-51S	1.031"	2.750"	.150"	151
031-2925-20-TSS	1.031"	2.925"	.200"	
031-2930-17-51S	1.031"	2.930"	.170"	175
040-2930-18-51S	1.040"	2.930"	.180"	180
094-2930-13-52S	1.094"	2.930"	.130"	147
094-2930-13-TSS	1.094"	2.930"	.130"	
094-2930-15-51S	1.094"	2.930"	.150"	170
094-2930-15-52S	1.094"	2.930"	.150"	166
094-2930-15-TSS	1.094"	2.930"	.150"	
094-2930-19-51S	1.094"	2.930"	.190"	201
094-2930-22-52S	1.094"	2.930"	.220"	
094-3000-22-52S	1.094"	3.000"	.220"	230
094-3000-22-TSS	1.094"	3.000"	.220"	
094-3125-19-51S	1.094"	3.125"	.190"	214
094-3250-29-CTS	1.094"	3.250"	.290"	294

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PRO SEAL DOMESTIC GASKETS

CHRYSLER - MLS SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
CR1000-039	C5622-040	Chrsyler Small Block - 318, 340, 360	-	4.080	103.60	0.039	1.00	
CR1001-039	C5457-040	Chrsyler Small Block - 318, 340, 360	-	4.125	104.80	0.039	1.00	
CR1002-039	C5461-040	Chrsyler Big Block - 361, 383, 400, 413, 426, 440	-	4.380	111.30	0.039	1.00	
CR1003-039	C5462-040	Chrsyler Big Block - 361, 383, 400, 413, 426, 440	-	4.415	112.10	0.039	1.00	
CR1004-039	C5464-040	Chrsyler Big Block - 361, 383, 400, 413, 426, 440	-	4.500	114.30	0.039	1.00	
CR1005-039	C5454-040	Chrysler 426 Hemi	-	4.280	108.70	0.039	1.00	M
CR1006-039	C5455-040	Chrysler 426 Hemi	-	4.375	111.10	0.039	1.00	M
CR1007-039		Chrysler Hemi 5.7L - Left	2002-2011	4.050	102.90	0.039	1.00	
CR1008-039		Chrysler Hemi 5.7L - Right	2002-2011	4.050	102.90	0.039	1.00	
CR1009-039	C5876-04	Chrysler Hemi 6.1L	2005-2011	4.100	104.10	0.039	1.00	
CR1010-039		Chrysler Hemi 6.1L	2005-2011	4.185	106.30	0.039	1.00	

PRO SEAL DOMESTIC GASKETS

FORD - MLS SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
FD1000-027		Ford Small Block 289, 302, 351W Non SVO	-	4.030	102.36	0.027	0.69	
FD1000-039	C5511-040	Ford Small Block 289, 302, 351W Non SVO	-	4.030	102.36	0.039	1.00	
FD1001-039	C5514-040	Ford Small Block 289, 302, 351W Non SVO	-	4.100	104.14	0.039	1.00	
FD1018-039	C5515-040	Ford Small Block 289, 302, 351W Non SVO	-	4.155	105.54	0.039	1.00	
FD1002-039	C5359-040	Ford 302, 351W SVO with Yates Pockets - Right	-	4.100	104.14	0.039	1.00	
FD1003-039	C5358-040	Ford 302, 351W SVO with Yates Pockets - Left	-	4.100	104.14	0.039	1.00	
FD1004-039	C5369-040	Ford 2.3L SOHC	-	3.830	97.28	0.039	1.00	M
FD1020-039		Ford 2.0 16V ZETEC	-	3.394	86.20	0.039	1.00	
FD1021-039		Ford Ecoboost 1.6L Turbo	2010+	3.150	80.00	0.039	1.00	
FD1023-049		Ford Ecoboost 2.0L Turbo	2010+	3.504	89.00	0.049	1.25	
FD1024-051		Ford Ecoboost 2.3L Turbo	2015+	3.504	89.00	0.051	1.30	
FD1022-047		Ford Focus 2.5ST / RS / RS500 5 Cyl	2005+	3.268	83.00	0.047	1.20	
FD1010-039		Ford Modular 4.6/5.4 2V/4V - Left	1991-2004	3.630	92.20	0.039	1.00	
FD1011-039		Ford Modular 4.6/5.4 2V/4V - Right	1991-2004	3.630	92.20	0.039	1.00	
FD1012-039		Ford Modular 4.4/5.4 3V - Left	2005-2010	3.630	92.20	0.039	1.00	
FD1013-039		Ford Modular 4.4/5.4 3V - Right	2005-2010	3.630	92.20	0.039	1.00	
FD1014-039	C5286-040	2011-2014 Ford Coyote 5.0 - Left	2011-2014	3.755	95.40	0.039	1.00	
FD1015-039	C5287-040	2011-2014 Ford Coyote 5.0 - Right	2011-2014	3.755	95.40	0.039	1.00	
FD1025-039		2015+ Ford Coyote 5.0 - Left	2015+	3.755	95.40	0.039	1.00	
FD1026-039		2015+ Ford Coyote 5.0 - Right	2015+	3.755	95.40	0.039	1.00	
FD1017-039	C5667-040	Ford 429/460	1968-1988	4.500	114.30	0.039	1.00	

GM - COOPER SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
GM1027-059		GM LS1 / LS2 / LS6	1999-2017	4.050	102.90	0.059	1.50	
GM1028-059		GM LSL1 / LS2 / LS3 / LS6	1999-2017	4.150	105.40	0.059	1.50	
GM1029-059		LSX 376 - Left	2006+	4.055	103.00	0.059	1.50	
GM1030-059		LSX 376 - Right	2006+	4.055	103.00	0.059	1.50	
GM1031-059		LSX 376 - Right	2006+	4.150	105.40	0.059	1.50	
GM1032-059		LSX 376 - Left	2006+	4.150	105.40	0.059	1.50	
GM1033-059		LSX 376 - Right	2006+	4.173	106.00	0.059	1.50	
GM1034-059		LSX 376 - Left	2006+	4.173	106.00	0.059	1.50	

GM - MLS SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
GM1025-039		Chevrolet Small Block 350 - LT1 Only	1992-1997	4.040	102.60	0.039	1.00	
GM1026-039		Chevrolet Small Block 350 - LT1 Only	1992-1997	4.110	104.40	0.039	1.00	
GM1024-039		Chevrolet Small Block 350	1959-1991	4.060	103.10	0.030	0.76	
GM1024-039	C5245-040	Chevrolet Small Block 350	1959-1991	4.060	103.10	0.039	1.00	
GM1024-039		Chevrolet Small Block 350	1959-1991	4.060	103.10	0.051	1.30	
GM1002-039	C5247-040	Chevrolet Small Block 400	1959-1991	4.125	104.78	0.039	1.00	
GM1003-030		Chevrolet Small Block 400	1959-1991	4.165	105.80	0.030	0.76	
GM1003-039	C5248-040	Chevrolet Small Block 400	1959-1991	4.165	105.80	0.039	1.00	
GM1003-051		Chevrolet Small Block 400	1959-1991	4.165	105.80	0.051	1.30	
GM1004-039	C5249-040	Chevrolet Small Block 400	1959-1991	4.200	106.68	0.039	1.00	
GM1004-051		Chevrolet Small Block 400	1959-1991	4.200	106.68	0.051	1.30	
GM1015-039	C5475-040	GM LSL1 / LS6	1997+	3.945	100.20	0.039	1.00	
GM1015-051	C5475-051	GM LSL1 / LS6	1997+	3.945	100.20	0.051	1.30	
GM1016-039		GM LSL1 / LS2 / LS3 / LS6	2005-2011	4.100	104.10	0.039	1.00	
GM1016-051		GM LSL1 / LS2 / LS3 / LS6	2005-2011	4.100	104.10	0.051	1.30	
GM1005-051	C5318-051	GM LSL1 / LS2 / LS3 / LS6	1997+	4.160	105.66	0.051	1.30	
GM1006-051	C5317-051	GM LSL1 / LS2 / LS3 / LS6	1997+	4.130	104.90	0.051	1.30	
GM1017-051	C5934-051	LSX 376 - Left	-	4.125	104.80	0.051	1.30	
GM1018-051	C5933-051	LSX 376 - Right	-	4.125	104.80	0.051	1.30	
GM1019-051	C5936-051	LSX 454 - Left	-	4.200	106.70	0.051	1.30	
GM1020-051	C5935-051	LSX 454 - Right	-	4.200	106.70	0.051	1.30	
GM1021-051	C5889-051	LS7	2006+	4.160	105.70	0.051	1.30	
GM1009-039	C5329-040	Chevrolet Big Block - Mark IV & Bowtie	-	4.375	111.13	0.039	1.00	
GM1010-039	C5330-040	Chevrolet Big Block - Mark IV & Bowtie	-	4.540	115.31	0.039	1.00	
GM1011-039	C5331-040	Chevrolet Big Block - Mark IV & Bowtie	-	4.630	117.60	0.039	1.00	
GM1011-051		Chevrolet Big Block - Mark IV & Bowtie	-	4.630	117.60	0.051	1.30	
GM1012-039	C5332-040	Chevrolet Big Block - Mark V & VI	-	4.375	111.13	0.039	1.00	M
GM1013-039	C5333-040	Chevrolet Big Block - Mark V & VI	-	4.540	115.31	0.039	1.00	M
GM1014-039	C5334-040	Chevrolet Big Block - Mark V & VI	-	4.630	117.60	0.039	1.00	M

PRO SEAL SPORT COMPACT GASKETS

AUDI / VOLKSWAGEN - MLS SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
VW1000-055	C4558-051	VW 1.8T 20V	1996-2005	3.268	83.00	0.055	1.40	
VW1001-055	C4559-051	VW 1.8T 20V	1996-2005	3.299	83.80	0.055	1.40	
VW1002-026		VW VR6 12V	-	3.311	84.10	0.026	0.65	
VW1003-026		VW VR6 12V	-	3.248	82.50	0.026	0.65	
VW1007-065		VW VR6 12V	-	3.268	83.00	0.065	1.65	
VW1006-055		VW KR/PL 1.8L 16V	1978+	3.189	81.00	0.055	1.40	
VW1004-055	C4246-051	VW KR/PL 1.8L 16V	1978+	3.299	83.80	0.055	1.40	
VW1005-055	C4247-051	VW KR/PL 1.8L 16V	1978+	3.268	83.00	0.055	1.40	
VW1008-033		VW 2.0T FSI	2004+	3.307	84.00	0.033	0.85	

BMW - MLS SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
BM1010-063		E30 318 - M42B18	1989-1996	3.425	87.00	0.063	1.60	
BM1011-071		E36 M3 - S50B32 Euro & S52B32 Euro	1992-1999	3.425	87.00	0.071	1.80	

BMW - COOPER SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
BM1008-079		S14B23 (EVO 1)	86-91	3.740	95.00	0.079	2.00	M
BM1008-079		S14B23	86-91	3.740	95.00	0.079	2.00	M
BM1003-063		M50 Series E36, E34	N/A	3.346	85.00	0.063	1.60	M
BM1004-079		M50 Series E36, E34	N/A	3.327	84.50	0.079	2.00	M
BM1005-079		M50 Series E36, E34	N/A	3.386	86.00	0.079	2.00	M
BM1006-079		M50 Series E36, E34	N/A	3.425	87.00	0.079	2.00	M
BM1007-079		M20B25 & M20B27	N/A	3.366	85.50	0.079	2.00	M
BM1000-071		E36 M3 - S50B30	92-01	3.429	87.10	0.071	1.80	M
BM1000-071		E36 M3 - S50B32	92-01	3.429	87.10	0.071	1.80	M
BM1001-079		M30B35	78-UP	3.665	93.10	0.079	2.00	M
BM1002-079		M30B35	78-UP	3.724	94.60	0.079	2.00	M
BM1009-048		BMW E46 S54B32	00-UP	3.445	87.50	0.048	1.20	M
BM1010-063		E30 318 - M42B18	89-96	3.425	87.00	0.063	1.60	
BM1011-071		E36 M3 -S50B32 Euro & S52B32 Euro	92-99	3.425	87.00	0.071	1.80	

COSWORTH - MLS SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
FD1007-039	C4218-040	Cosworth DOHC YB / SOHC OHC/NEP 92.5mm	-	3.642	92.50	0.039	1.00	
FD1007-045	C4218-045	Cosworth DOHC YB / SOHC OHC/NEP 92.5mm	-	3.642	92.50	0.045	1.15	
FD1007-051	C4218-051	Cosworth DOHC YB / SOHC OHC/NEP 92.5mm	-	3.642	92.50	0.051	1.30	
FD1008-045		Cosworth DOHC YB / SOHC OHC/NEP 93.5mm	-	3.681	93.50	0.045	1.15	M
FD1008-051		Cosworth DOHC YB / SOHC OHC/NEP 93.5mm	-	3.681	93.50	0.051	1.30	
FD1009-045		Cosworth DOHC YB / SOHC OHC/NEP 94.5mm	-	3.720	94.50	0.045	1.15	M
FD1009-051		Cosworth DOHC YB / SOHC OHC/NEP 94.5mm	-	3.720	94.50	0.051	1.30	

FIAT / LANCIA - MLS SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
FT1002-051		Fiat Punto Turbo 1.4L 82.5mm	1989-1999	3.248	82.50	0.051	1.30	M
FT1002-067		Fiat Punto Turbo 1.4L 82.5mm	1989-1999	3.248	82.50	0.067	1.70	M
FT1003-063		Lancia Delta 85.3mm	1986-1999	3.358	85.30	0.063	1.60	M
FT1005-063		Lancia Delta 87mm	1986-1999	3.425	87.00	0.063	1.60	M
FT1006-051		Fiat Punto 1.6L Turbo 88mm	-	3.465	88.00	0.051	1.30	M
FT1006-067		Fiat Punto 1.6L Turbo 88mm	-	3.465	88.00	0.067	1.70	M

FOOTNOTES: M = Made to Order

PRO SEAL SPORT COMPACT GASKETS

HONDA – MLS SERIES GASKETS

**HN1016-HN1019 does not fit D16A6, ZC, and other twin cam D Series variants. Must remove rivet.

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
HN1000-033	C4232-030	Honda B Series Vtec 81.5mm	1988-2001	3.189	81.50	0.033	0.85	
HN1001-033	C4168-030	Honda B Series Vtec 82mm	1988-2001	3.228	82.00	0.033	0.85	
HN1002-033	C4189-030	Honda B Series Vtec 83mm	1988-2001	3.268	83.00	0.033	0.85	
HN1003-033	C4188-030	Honda B Series Vtec 84mm	1988-2001	3.307	84.00	0.033	0.85	
HN1004-033	C4182-030	Honda B Series Vtec 85mm	1988-2001	3.346	85.00	0.033	0.85	
HN1005-033	C4237-030	Honda B18A w/Vtec Head 81mm	1990-2001	3.189	81.00	0.033	0.85	
HN1006-033	C4191-030	Honda B18A w/Vtec Head 82mm	1990-2001	3.228	82.00	0.033	0.85	
HN1007-033	C4192-030	Honda B18A w/Vtec Head 83mm	1990-2001	3.268	83.00	0.033	0.85	
HN1008-033	C4193-030	Honda B18A w/Vtec Head 84mm	1990-2001	3.307	84.00	0.033	0.85	
HN1009-033	C4194-030	Honda B18A w/Vtec Head 85mm	1990-2001	3.346	85.00	0.033	0.85	
HN1010-033	C4238-030	Honda B18A non Vtec 81mm	1990-2001	3.189	81.00	0.033	0.85	
HN1011-033	C4173-030	Honda B18A non Vtec 82mm	1990-2001	3.228	82.00	0.033	0.85	
HN1012-033	C4181-030	Honda B18A non Vtec 83mm	1990-2001	3.268	83.00	0.033	0.85	M
HN1013-033	C4180-030	Honda B18A non Vtec 84mm	1990-2001	3.307	84.00	0.033	0.85	
HN1014-033	C4175-030	Honda B18A non Vtec 85mm	1990-2001	3.346	85.00	0.033	0.85	M
HN1015-033	C4250-030	Honda B20B4 / B20Z2 85mm	1997-2001	3.346	85.00	0.033	0.85	
HN1016-033	C4118-030	Honda D13B / D15B / D16Z1-Z2 76mm	1987-1997	2.992	76.00	0.033	0.85	
HN1017-033	C4119-030	Honda D13B / D15B / D16Z1-Z2 76mm	1987-1997	3.031	77.00	0.033	0.85	
HN1018-033	C4120-030	Honda D13B / D15B / D16Z1-Z2 76mm	1987-1997	3.071	78.00	0.033	0.85	
HN1019-033	C4121-030	Honda D13B / D15B / D16Z1-Z2 76mm	1987-1997	3.110	79.00	0.033	0.85	M
HN1020-033	C4195-030	Honda D15Z1 / D16Y5-Y8 76mm	1991-2001	2.992	76.00	0.033	0.85	
HN1021-033	C4196-030	Honda D15Z1 / D16Y5-Y8 77mm	1991-2001	3.031	77.00	0.033	0.85	
HN1022-033	C4167-030	Honda D15Z1 / D16Y5-Y8 78mm	1991-2000	3.071	78.00	0.033	0.85	M
HN1023-033	C4335-030	Honda F20C / F22C 89mm	1999-2009	3.504	89.00	0.033	0.85	
HN1024-033		Honda K20/K24 88.5mm	2002-2011	3.484	88.50	0.033	0.85	
HN1025-033		Honda K20/K24 89.5mm	2002-2011	3.524	89.50	0.033	0.85	
HN1026-031		Honda K20C	2015+	3.400	86.40	0.031	0.80	
HH1027-031		Honda L15B Turbo	2016+	2.890	73.40	0.028	0.70	

MAZDA – MLS SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
MA1000-039		Mazda BP 1.8	1989-2005	3.358	85.30	0.039	1.00	

MITSUBISHI – MLS SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
MI1000-039	C4157-040	Mitsubishi 4G63 EVO IV-VIII (4-8) 85.3mm	1996-2005	3.358	85.30	0.039	1.00	
MI1000-045	C4157-045	Mitsubishi 4G63 EVO IV-VIII (4-8) 85.3mm	1996-2005	3.358	85.30	0.045	1.15	
MI1000-051	C4157-051	Mitsubishi 4G63 EVO IV-VIII (4-8) 85.3mm	1996-2005	3.358	85.30	0.051	1.30	
MI1001-039	C4156-040	Mitsubishi 4G63 EVO IV-VIII (4-8) 86.3mm	1996-2005	3.398	86.30	0.039	1.00	
MI1001-045	C4156-045	Mitsubishi 4G63 EVO IV-VIII (4-8) 86.3mm	1996-2005	3.398	86.30	0.045	1.15	
MI1001-051	C4156-051	Mitsubishi 4G63 EVO IV-VIII (4-8) 86.3mm	1996-2005	3.398	86.30	0.051	1.30	
MI1002-039		Mitsubishi 4G63 EVO IV-VIII (4-8) 87.5mm	1996-2005	3.437	87.50	0.039	1.00	
MI1002-045		Mitsubishi 4G63 EVO IV-VIII (4-8) 87.5mm	1996-2005	3.437	87.50	0.045	1.15	M
MI1002-051		Mitsubishi 4G63 EVO IV-VIII (4-8) 87.5mm	1996-2005	3.437	87.50	0.051	1.30	M
MI1003-039		Mitsubishi 4G63 EVO IV-VIII (4-8) 88.3mm	1996-2005	3.476	88.30	0.039	1.00	
MI1003-045		Mitsubishi 4G63 EVO IV-VIII (4-8) 88.3mm	1996-2005	3.476	88.30	0.045	1.15	M
MI1003-051		Mitsubishi 4G63 EVO IV-VIII (4-8) 88.3mm	1996-2005	3.476	88.30	0.051	1.30	M
MI1004-039		Mitsubishi 4G63 EVO IX (9) 86.3mm	2005-2007	3.398	86.30	0.039	1.00	
MI1005-039		Mitsubishi 4B11T EVO X (10) 87.5mm	2007+	3.445	87.50	0.039	1.00	

FOOTNOTES: M = Made to Order

PRO SEAL SPORT COMPACT GASKETS

NISSAN - MLS SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
NI1000-047	C4320-051	Nissan RB26 87.5mm	1989-2002	3.445	87.50	0.047	1.20	M
NI1000-059	C4320-059	Nissan RB26 87.5mm	1989-2002	3.445	87.50	0.059	1.50	
NI1006-047		Nissan TB48DE 1/2" Head Stud	2001+	4.035	102.50	0.047	1.20	
NI1001-033		Nissan SR20DET FWD 87mm	1991-2002	3.484	88.50	0.033	0.85	
NI1002-039		Nissan SR20DET RWD VTC 87mm	1991-2002	3.484	88.50	0.039	1.00	
NI1003-039		Nissan SR20DET RWD 87mm	1991-2002	3.445	87.50	0.039	1.00	
NI1004-037		Nissan VR38DETT 100.5mm - Left	2009+	3.957	100.50	0.037	0.95	
NI1005-037		Nissan VR38DETT 100.5mm - Right	2009+	3.957	100.50	0.037	0.95	

OPEL - MLS SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
OP1000-039		Opel X20XEV 2.0L Turbo 87.5mm	1995-2000	3.445	87.50	0.039	1.00	
OP1000-045		Opel X20XEV 2.0L Turbo 87.5mm	1995-2000	3.445	87.50	0.045	1.15	M
OP1000-051		Opel X20XEV 2.0L Turbo 87.5mm	1995-2000	3.445	87.50	0.051	1.30	M
OP1000-075		Opel X20XEV 2.0L Turbo 87.5mm	1995-2000	3.445	87.50	0.075	1.90	M
OP1001-045		Opel X20XEV 2.0L Turbo 88.5mm	1995-2000	3.484	88.50	0.045	1.15	
OP1001-051		Opel X20XEV 2.0L Turbo 88.5mm	1995-2000	3.484	88.50	0.051	1.30	M
OP1002-039		Opel Z16LEL/R/T - Z18LET/R 80mm	-	3.150	80.00	0.039	1.00	
OP1004-051		OPEL C20XE	1991-UP	3.445	87.50	0.051	1.30	
OP1003-051		Opel CIH 2.0L 97mm	1977-1988	3.819	97.00	0.057	1.45	M

SUBARU - COOPER SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
SB1004-047		Subaru EJ20 93.5mm	1992-2004	3.681	93.50	0.047	1.20	
SB1005-047		Subaru EJ25 100.0mm	1998-2007	3.937	100.00	0.047	1.20	
SB1006-047		Subaru EJ25 101.3mm	1998-2007	3.988	101.30	0.047	1.20	

SUBARU - MLS SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
SB1000-039	C4261-040	Subaru EJ20 94mm	1992-2004	3.701	94.00	0.039	1.00	
SB1000-051	C4261-051	Subaru EJ20 94mm	1992-2004	3.701	94.00	0.051	1.30	
SB1001-039	C4264-040	Subaru EJ25 / EJ257 100mm	1998-2007	3.937	100.00	0.039	1.00	
SB1001-051	C4264-051	Subaru EJ25 / EJ257 100mm	1998-2007	3.937	100.00	0.051	1.30	
SB1002-039		Subaru EJ25 / EJ257 102.3mm	1998-2007	4.028	102.30	0.039	1.00	
SB1002-051		Subaru EJ25 / EJ257 102.3mm	1998-2007	4.028	102.30	0.051	1.30	
SB1003-039		Subaru EJ25/ EJ257 2008+	2008+	3.988	101.30	0.039	1.00	

TOYOTA - COOPER SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
TY1007-063		Toyota 2JZ-GE / 2JZ-GTE 87.0mm	1933-1998	3.425	87.00	0.063	1.60	

TOYOTA - MLS SERIES GASKETS

PART #	COMETIC PART #	APPLICATION	YEAR	GASKET BORE (INCH)	GASKET BORE (mm)	THICKNESS (INCH)	THICKNESS (mm)	FOOTNOTE
TY1005-047		Toyota 1FZ-FE	1992-1998	4.055	103.00	0.047	1.20	
TY1004-051	C4276-051	Toyota 2JZ-GE / 2JZ-GTE	1993-1998	3.453	87.70	0.051	1.30	
TY1006-059		Toyota 2JZ-GE / 2JZ-GTE	1993-1998	3.425	87.00	0.059	1.50	
TY1000-039	C4314-040	Toyota 3S-GE / 3S-GTE 87mm	1989-1997	3.425	87.00	0.039	1.00	
TY1000-047	C4314-051	Toyota 3S-GE / 3S-GTE 87mm	1989-1997	3.425	87.00	0.047	1.20	M
TY1000-055	C4314-060	Toyota 3S-GE / 3S-GTE 87mm	1989-1997	3.425	87.00	0.055	1.40	M
TY1001-039	C4170-040	Toyota 4A-GE / 4A-GEC 81mm	1984-1992	3.189	81.00	0.039	1.00	
TY1002-039	C4166-040	Toyota 4A-GE / 4A-GEC 83mm	1984-1992	3.268	83.00	0.039	1.00	
TY1003-047		Toyota 4E-FE Turbo 75.5mm	1992-1997	2.972	75.50	0.047	1.20	M
TY1003-055		Toyota 4E-FE Turbo 75.5mm	1992-1997	2.972	75.50	0.055	1.40	M
TY1003-075		Toyota 4E-FE Turbo 75.5mm	1992-1997	2.972	75.50	0.075	1.90	M

FOOTNOTES: M = Made to Order

JE BUILDER HOODIE

W1536S	JE BUILDER PULLOVER HOODIE - SMALL
W1536M	JE BUILDER PULLOVER HOODIE - MED
W1536L	JE BUILDER PULLOVER HOODIE - LARGE
W1536XL	JE BUILDER PULLOVER HOODIE - XLARGE
W1536XXL	JE BUILDER PULLOVER HOODIE - XXLARGE

JE LOGO TEE

J505A	JE - MEN'S PREMIUM TEE - SMALL
J505B	JE - MEN'S PREMIUM TEE - MEDIUM
J505C	JE - MEN'S PREMIUM TEE - LARGE
J505D	JE - MEN'S PREMIUM TEE -XLARGE
J505E	JE- MEN'S PREMIUM TEE - 2XLARGE

JE PREMIUM ZIP-UP

W1538S	JE IND LEAD ZIP-UP HOODIE - SMALL
W1538M	JE IND LEAD ZIP-UP HOODIE - MED
W1538L	JE IND LEAD ZIP-UP HOODIE - LARGE
W1538XL	JE IND LEAD ZIP-UP HOODIE - XLARGE
W1538XXL	JE IND LEAD ZIP-UP HOODIE - XXLARGE

JE LOGO HATS

J324X - FLAT BILL, BLACK, L/XL: 52
J325X - FLAT BILL, BLACK, S/M: 20
J326X - CURVED BILL, RED, L/XL: 52
J327X - CURVED BILL, RED, S/M: 20
J328X - CURVED BILL, BLACK, L/XL: 52
J329X - CURVED BILL, BLACK, S/M: 20

CALCULATING COMPRESSION RATIO

$$CR = \frac{\text{SWEPT VOL. + TDC VOL.}}{\text{TDC VOL.}}$$

Swept Volume = 3.1416 x Bore x Bore x Stroke ÷ 4

TDC Volume = Cylinder Head Volume + Gasket Volume + Deck Volume + Piston Dish (-Dome) Volume

Gasket Volume = 3.1416 x Gasket Bore x Gasket Bore x Compressed Gasket Thickness ÷ 4

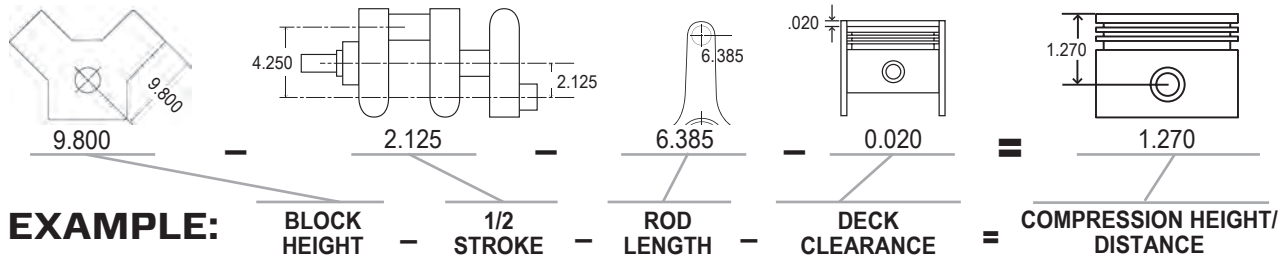
Deck Volume = 3.1416 x Bore x Bore x Deck Clearance ÷ 4

Piston volume = as published in JE catalog x –.061

Head volume = as published in cc's x .061

Always use cc's or ci's, do not mix the two. To convert cc's to ci's multiply cc's by .061

CALCULATING COMPRESSION HEIGHT/DISTANCE



PISTON/DOME TO HEAD AND SPARK PLUG CLEARANCE

Always check piston/dome to head and spark plug clearance to assure proper clearance (See fig.1). Minimum clearance for steel rod =.040", aluminum =.060". Check using clay with piston installed on rod at TDC, be sure to rock the piston back and forth in the bore to get total minimum running clearance.

PISTON TO VALVE CLEARANCE

Piston to valve clearance is determined by cam lift, lobe separation, duration, valve margin, head design, and aftermarket milling of cylinder head. Minimum recommended clearance for intake & exhaust valve is .100" in depth and .050" radially. Check by using clay or follow cam manufacturers recommendations for checking clearance, making sure the cam is degreed exactly as it will be during operation.

CRANK COUNTERWEIGHT TO PISTON CLEARANCE

Always check crank counterweight to piston clearance at BDC. Recommended minimum is .060".

CONNECTING ROD TO PISTON CLEARANCE

Due to the large variation in rod widths and material thickness above pin, always check for proper piston to rod clearance on OEM, aftermarket steel rods and aluminum rods. Recommended clearance is .050" min per side and .050" min from top of rod to piston. With the piston installed on the rod, rock the piston side to side and rotate forward and backward to ensure proper clearance. See figure 2.

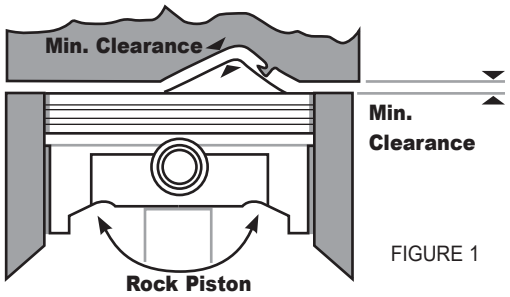


FIGURE 1

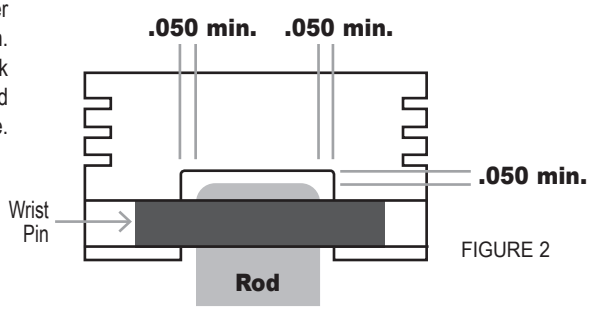


FIGURE 2

HOW TO

Convert from Cubic Centimeters to Cubic Inches
Multiply **by .0610237**
Example **1835cc x .0610237= 111.98**

Convert from Cubic Inches to Cubic Centimeters
Multiply **by 16.387064**
Example **350ci x 16.387064= 5735.47**

Convert from Inches to Millimeters
Multiply **by 25.4**
Example **3.189 x 25.4= 81.00mm**

Convert from Millimeters to Inches
Multiply **by .0393701**
Example **81mm x .0393701= 3.1889**

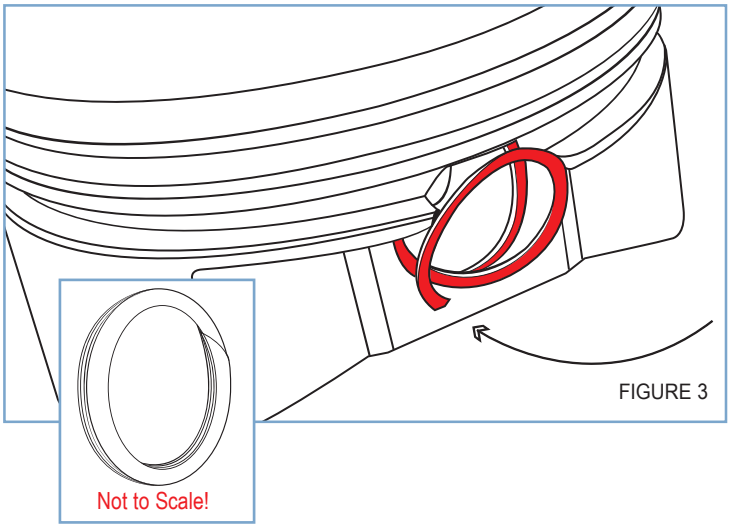


FIGURE 3

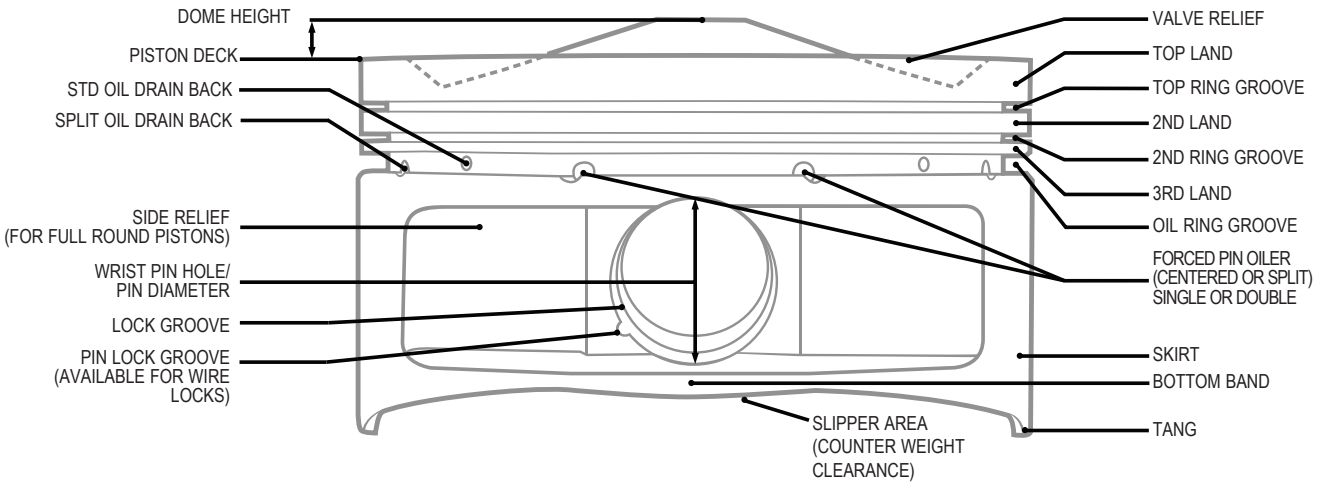
INSTALLING ROUND WIRE LOCKS

Using the 4 o'clock position of the pick lock groove as a reference, install one end of the lock at 1 o'clock. (The end gap of the lock should span from 1 o'clock to 3 o'clock) Position the rest of the lock as close to the wrist pin hole as possible. Insert a pick lock tool or small screwdriver into the pick lock groove and leverage the lock into place. Once the first lock is in place, install the wrist pin. Seat the lock by placing a brass or aluminum drift against the pin and strike the drift firmly with a hammer. Perform this function on a cloth towel or soft rubber pad to prevent damage to the piston. Remove the pin and re-install with the connecting rod attached. Install and seat the second lock using the same procedure, then re-seat each lock a second time.

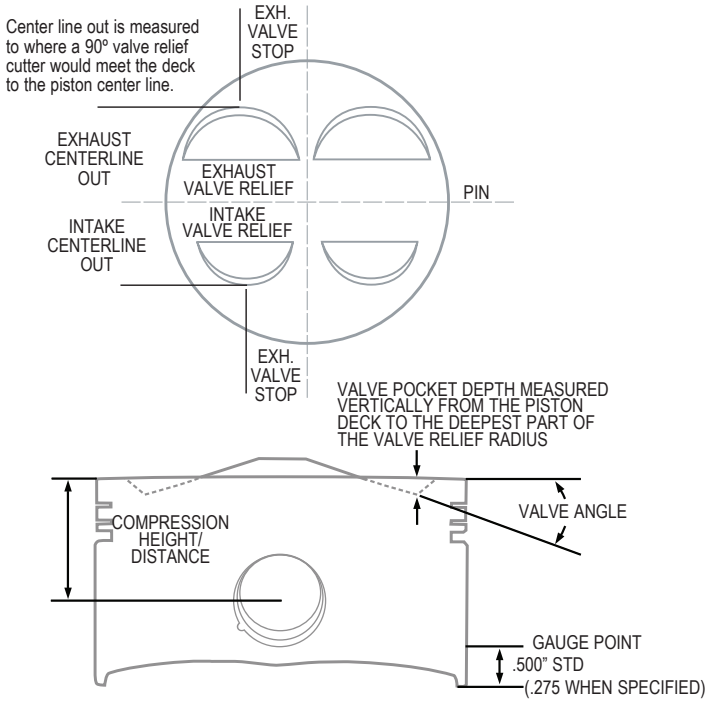
INSTALLING SPIRO LOCKS

Begin with the leading tip of the lock in the 12 o'clock position. Insert your thumb through the center of the lock and hook it under your thumbnail at the 10 o'clock position (roughly 1/2" to the left of the leading tip). Install the leading tip into the 11 o'clock position of the groove. (If the wrist pin hole intersects the oil ring groove, lock installation is slightly more difficult as the lock will catch on the bottom ring land) The leading edge of the lock should catch in the groove allowing it to stay on its own. Continue installing the lock by applying pressure in a circular, counter-clockwise motion (fig. 3) until it fully snaps into place. Most JE Pistons are made for double Spiro Locks, requiring 4 locks per piston (two at each end of the pin). For pistons made to accept Round Wire Locks, see the installation instructions below. The correct number of Spiro Locks must be installed in each piston or severe engine damage may occur. Do not over-stretch or re-use Spiro Locks. Do not install Spiro Locks in press-fit pin applications.

PISTON TERMINOLOGY



VALVE LOCATION TERMINOLOGY



PISTON TO WALL CLEARANCE

4032 ALLOY PISTONS

	Bore Range	Min. Clearance
Sport Compact	2.500 to 3.625	.0022 to .0028
Sport Compact	3.626 to 3.999	.0025 to .0035

4032 ADDITIONAL CLEARANCE GUIDE LINES

Drag Race	+.0010 - .0020
Turbo/Nitrous	+.0005 - .0010
Road Race	+.0005 - .0010

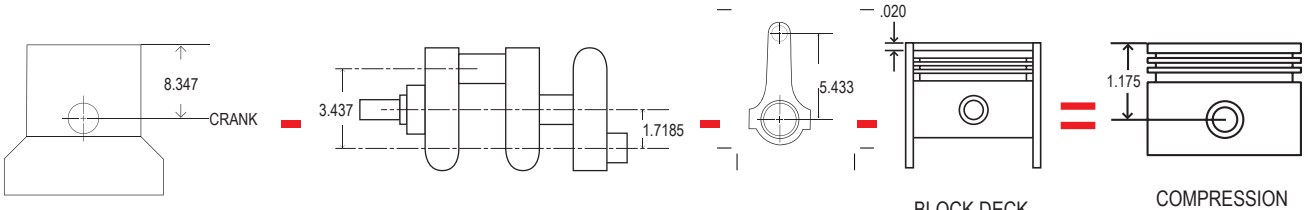
2618 ALLOY PISTONS

	Bore Range	Min. Clearance
Sport Compact	2.500 to 3.625	.0025 to .0035
Sport Compact	3.626 to 3.999	.0030 to .0040

4032 ALLOY PISTONS

Drag Race	+.0010 - .0020
Forced Induction/Nitrous	+.0015 - .0025
Turbo/Nitrous	+.0015 - .0020
Road Race	+.0015 - .0025

COMPRESSION HEIGHT



BLOCK HEIGHT: 8.347

1/2 STROKE: 1.7185

ROD LENGTH: 5.433

BLOCK DECK CLEARANCE: 0.020

COMPRESSION HEIGHT/DISTANCE: 1.175

SHELF PISTON ORDER FORM

FAX TO: 800-5-PISTON (800-574-7866)

JE Salesman: _____

Account Number: _____

Date: _____

Company: _____ *From:* _____

RE: _____ *Return Fax #:* _____

Number of Pages Including This One: _____ *Reply Expected* ❑ *Yes* ❑ *No* *P.O.#* _____

Quantity (Set/Each)	*Part #*	*Comments*

FOR DROP SHIP USE ONLY *Phone Number:* _____ *Email:* _____

Name: _____

Address: _____

City: _____ *State:* _____ *Zip:* _____

Ship Via: _____ *Special Instructions:* _____

Credit Card #: _____ *Exp:* _____ *CVC:* _____

WE WILL RETURN A FAX CONFIRMATION AS SOON AS POSSIBLE!

PARTS AVAILABLE ❑ *Yes* ❑ *No* *CONFIRMATION* _____

REV NC **SAL-1016**

Attn: (JE Sales Associate)

SAL-1021

Custom Piston Order Form

TEL (714) 898-9763 • FAX (714) 893-8297 • www.jepistons.com

Engine Make:_____ Model:_____ Year:_____

Number of Cylinders:_____ Order Quantity of Pistons:_____

Cubic Inch Displacement:_____ Max RPM:_____ Approx. HP:_____

Bore Material: Max Torque:_____

☐ *Aluminum* ☐ *Iron* ☐ *Steel* ☐ *Niksail*

Bore Size:_____Stroke:_____

Rod Length:_____

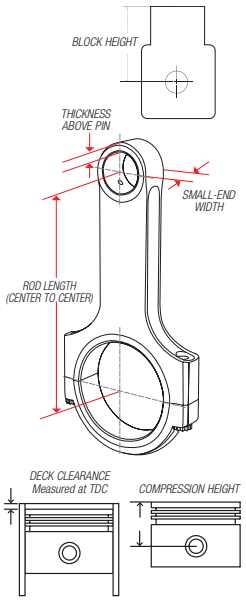
☐ *Steel* ☐ *Aluminum* ☐ *Titanium*

Brand:_____

Rod Small-End Width: _____

Thickness Above Pin:_____

Piston Guided Rod ☐ Yes ☐ No



Compression Height Calculation Table

Block Height:_____

-1/2 of Stroke:_____

Rod Length:_____

Deck Clearance +/-: _____

Compression Height: _____

Head Gasket Thickness:_____

Head Gasket ID:_____

Compression Ratio: _____

CAMSHAFT SPECS: ☐ *Hydraulic* ☐ *Solid* ☐ *Roller*

Gross Valve Lift: In: _____Ex:_____

Lobe Separation (°): _____ Duration @.050: In:_____Ex:_____

Degreed in Std. °: + _____ ° - _____ °

Valve Lift @ TDC: In:_____Ex:_____

CYLINDER HEAD Type:_____Pt#:_____

Combustion Chamber Size: _____cc's

Valve Diameter: In:_____Ex:_____

Free Drop (If Known):_____

Was Cylinder Head Milled?: ☐ *Yes* ☐ *No*

If Cylinder Head Was Milled, How Much?: *Flat:*_____ *Angled:*_____

Piston Type (Circle One If Known):

☐ *Dome* ☐ *Flat Top* ☐ *Dish* ☐ *Inverted Dome*
☐ *Conical* ☐ *Spherical* ☐ *Round* ☐ *3D*

Pistons Designed For: ☐ *Circle Track* ☐ *Asphalt* ☐ *Dirt*
☐ *Drag Race* ☐ *Road Race* ☐ *Marine* ☐ *Street/Strip*
☐ *Other* (Please Specify): _____

Is Your Motor: ☐ *Carbureted* ☐ *Injected*
☐ *Turbo Charged: Lbs. Boost:*_____ ☐ *Blown: Lbs. Boost:*_____
☐ *Nitrous* - How Much HP: ☐ 100 ☐ 250 ☐ 350 ☐ 400+
☐ *Other* (Please Specify): _____

Fuel Type: ☐ *Pump Gas* ☐ *Race Gas* ☐ *Alcohol* ☐ *Nitro*

Purchasing Rings with Order: ☐ *Yes* ☐ *No* Cylinder Qty:_____

If ***NOT*** Purchasing Rings, Please Provide Ring Set Brand and Part Number:_____

Axial Ring Height: ***AXIAL RING HEIGHT***

Top:_____2nd:_____Oil:_____

Radial Ring Widths: ***RADIAL RING WIDTH***

Top:_____2nd:_____Oil:_____

OPTIONAL FEATURES

**For details on custom piston features and terminology refer to catalog pages VIII and IX*

Gas Ports; Vertical: _____ Spin Boss: _____

Gas Ports; Lateral: _____ Window Mill:_____

Accumulator Grooves: _____ Skirt Coating: _____

Contact Reduction:_____ DBL Pin Oilers: _____

Oil Rail Supports:_____ Pin Fit: _____

PIN SPECS

Pin Diameter:_____Length:_____Wall Thickness:_____Qty:_____

Pins With Order: ☐ *Yes* ☐ *No* Pin Fit: ☐ *Yes* ☐ *No*

Pin Series: ☐ *51* ☐ *52* ☐ *72* ☐ *93* ☐ *94* ☐ *95* ☐ *44*

Locks: ☐ *Double Spiro Lock* ☐ *Wire Lock* ☐ *Tru Arc* ☐ *HookWire*
☐ *Single Spiro Lock* ☐ *Single Tru Arc* ☐ *Buttons*

JE Pistons reserves the right to choose the appropriate pin length if supplying pins per each piston design.

Expedite Service (Does not apply to components)

☐ 7 Day + 25% ☐ 5 Day + 40% ☐ 3 Day + 50%

BILLING INFORMATION

Bill To:_____Acct #:_____

Address:_____

Ship To:_____Acct #:_____

Address:_____

Phone:_____Fax:_____

Ship Method:_____P.O. #:_____

CC#:_____CVC#:_____

Name On Card:_____Exp:_____

Deposit Amount (50% req.):_____Billing Zip Code:_____

Signature:_____Date:_____

Customer's Email address:_____

RETURN POLICY: **Custom pistons are returnable only for defects in workmanship or materials in the as received condition. Under no circumstances will parts be returnable after 90 days. Please check packaging for complete details regarding return policy. All returns require "Return Materials Authorization" (RMA) number, available form the JE sales department.**

REV NC

FREQUENTLY ASKED QUESTIONS

1. Are your pistons forged?
Yes. All JE and SRP pistons are forged in the U.S.A. at a state-of-the-art facility in either 2618 or 4032 high-purity aluminum alloy.

2. Why do I have an extra set of Spiro Locks?
You don't! JE/SRP supplies double Spiro Locks (4 per piston) with most shelf-stocking pistons. Some of our pistons use different lock types such as round wire locks, single Spiro Locks, Tru-Arc locks or buttons. To verify which lock type your piston requires, find the part number in the catalog and refer to the description at the top of the section.

3. What is the difference between JE & SRP?
The SRP product line is manufactured as shelf-stocking only. Custom SRP pistons are NOT available. The "net" forgings used for SRP pistons are designed to reduce manufacturing time. Since time is money, you win by paying less money for a quality part.

4. Are rings included with your pistons?
Since there are so many ring options, we do not include them with our pistons. We believe the customer should have the benefit of choosing which rings best suit their specific application. Options include High Performance Sportsman rings, Premium Race Series rings and Nitrous Series rings, among others.

5. How much lift will your piston take?
There are many variables that affect piston to valve clearance. In general, the valve pocket depths will provide sufficient clearance for most flat-tappet and hydraulic roller camshafts. Please refer to the tech page for procedures on checking piston to valve clearance.

6. What is the number on the underside of the piston?
The number on the bottom is simply a raw forging number. It does not contain specific information about the finished part, only what family the raw forging is from. In order to give you specific information on a finished part, the part number or job number is required. This is a six-digit number that is laser-etched into the bottom of the pin tower if your pistons were produced after late 2004. If produced prior to this time, the number will appear on the box the pistons came in, the spec sheet that came in the box and the packing slip/invoice that accompanied the shipment. If none of these are available, call us with the critical measurements and we can help you determine which piston you have. Or, if you prefer, send one of the pistons to us and we will identify it for you at no charge (freight not included).

7. How do I get a printed catalog from one of your other product lines?
Email us at info@jepistons.com, or call 714-898-9763 and we will send you one.

8. What kind of ring end gap should I run?
We supply ring spec sheets with all of our ring sets which include end gap recommendations. If you misplace it, or would like specific gap recommendations for your combination, our experienced and helpful sales and technical staff can help you.

9. How do I know my piston to wall clearance, and where do I get the measurement?
A piston spec sheet comes in each box of JE and SRP pistons to use as a guideline for piston to wall clearances. In most cases, the gauge point is .500" above the bottom of the skirt. The clearance given on the spec sheet is a recommended minimum, more clearance should be added for turbo, supercharged, nitrous, marine, endurance or filled block applications. Our experienced and helpful sales and technical staff can answer any questions you may have.

FORMULA FOR MPH

MPH = TIRE RADIUS ÷ 168 X ENGINE RPM ÷ GEAR RATIO

Example: What MPH at 6500 RPM with a 4.9 rear axle and 14 inch radius tire in 4th (1:1) gear?

MPH = 14 ÷ 168 x 6500 ÷ 4.90 ÷ 1 = 111 MPH

Example: In 3rd gear (1.34)?

MPH = 14 ÷ 168 x 6500 ÷ 4.90 ÷ 1.34 = 83 MPH

Note: Tire Radius is distance, in inches, from center of wheel to top of the tire.
Note: Gear Ratio is Rear Axle ratio divided by transmission Gear Ratio.

FORMULA FOR RPM

RPM = 168 X GEAR RATIO X MPH ÷ TIRE RADIUS

Example: Using the first example, what will be the RPM after shift from 3rd to 4th gear at 83 MPH?

RPM = 168 x 4.90 x 83 ÷ 14 = 4880 RPM

FORMULA FOR GEAR RATIO

GEAR RATIO = TIRE RADIUS X RPM ÷ 168 ÷ MPH

Example: Using the first example, what gear ratio is required for 120 MPH at 6500 RPM?

GR = 14 x 6500 ÷ 168 ÷ 120 = 4.51

FORMULA FOR TIRE RADIUS

TIRE RADIUS = 168 X MPH X GEAR RATIO ÷ RPM

Example: Using the first example, what tire radius for 120 MPH at 6000 RPM with a 4.11 gear?

168 x 110 x 4.11 ÷ 6000 = 12.7 inches

Note: Approximately a 25" diameter tire. Remember that the tire radius will be less during hard acceleration than when the vehicle is standing still. Also, radius will be greater at high speed due to tire expansion from centrifugal force.

FORMULA FOR HPQ

HPQ = (0.00426 X MPH)^3 X WEIGHT

HPQ = Engine horsepower required to reach MPH in quarter mile
Note: understates HP required at speeds exceeding 100mph
Note: assumes engine HP must be 2 x the HP required at drive wheels

Example: What engine HP is required to achieve 110 MPH in a 3200 pound vehicle in 1/4 mile?

HPQ = (0.00426 x 110) x (0.00426 x 110) x (0.00426 x 110) x 3200 = 329 engine HP

FORMULA FOR HP AND TORQUE

HP = TORQUE X RPM ÷ 5252 • TORQUE = HP X 5252 ÷ RPM

Example: What torque is required to generate 329 HP at 6000 RPM?

T = 329 x 5252 ÷ 6000 = 288 foot pounds @ 6000 RPM

Example: What torque is required for 296 HP at 4880 RPM?

T = 296 x 5252 ÷ 4880 = 319 foot pounds @ 4880 RPM

FORMULA FOR CID (Cubic Inch Displacement)

CID = NUMBER OF CYLINDERS X SWEPT VOLUME

Note: CID = N x 0.7854 x bore x bore x stroke (all in inches)

Example: What is CID of a V8 with a "30 over", 4 inch bore and 3.48 inch stroke?

CID = 8 x 0.7854 x 4.030 x 3.48 = 355 cu. inches

JE PISTONS®

JEPISTONS.COM | 714.898.9763

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