



**EXTREME
DUTY**

v 18.2



SERVICE

With over 75,000 sq. ft. of combined production and inventory in the U.S.A., most orders can be shipped within 24 hours! Our sales staff has over 85 years of combined experience in the automotive performance aftermarket industry to better serve you. We use UPS, Fed Ex, or various truck freight carriers for your convenience.

QUALITY

Unlike some manufacturers, Eagle never compromises quality for the sake of a lower price. We use only the newest, state-of-the-art equipment and highly skilled craftsmen to produce every part we sell. All rods and crankshafts are thoroughly inspected and quality controlled to insure that every part is suited for the most demanding applications.

SELECTION

Our selection is the most comprehensive in the industry with close to 200 different connecting rods, over 200 crankshafts, and 2400 balanced rotating assemblies. We offer premium forged 4340 crankshafts and H-Beam rods for serious performance applications, and quality cast steel cranks and I-Beam rods for the weekend racer.

About Eagle

Our commitment from our conception in 1992, Eagle Specialty Products, Inc., and our employees have been dedicated to fulfill our customers' needs. Eagle's \$10,000,000 inventory of raw and finished goods enables us to provide same day shipping on 98% of orders placed before 2:00 p.m. C. S. T. Our commitment to deliver excellent service has expanded to include 72 hour shipping on stocking balanced assemblies and custom pendulum cut crankshafts. Even with over 4,000 distributors worldwide, Eagle is dedicated to serving each and every customer individually.

Ten years of research went into our product development before our first rod was sold! Rapid growth has not affected our commitment to supply our customer's needs with top quality engine components at an affordable price, providing maximum value for your dollar. Eagle was the first manufacturer to expand into multiple markets like Ford, Chrysler, Pontiac, Honda, Nissan, Toyota, and others. Eagle continues to expand with the ever changing market. At SEMA, the worlds largest automotive trade show, Eagle continues to introduce large numbers of new products in the New Products Showcase!

Why use Eagle over 'the other guys'?

Eagle connecting rods and cranks are designed and manufactured to our specifications. Some simply purchase generic products and package in their boxes without having any control or input in production. Eagle uses only certified steel in production of their steel cranks and rods. No shortcuts are taken that might compromise the quality of the finished piece. We use multi-stage heat treating, sonic testing, magna-fluxing, and x-ray to ensure a reliable product. While Eagle may not be the least expensive, we do offer the most value per dollar.

CATEGORY	PAGES
Application Guide	4
How to use this Catalog	5
Extreme Duty Rods	6
ESP Armor	7
Briggs & Stratton	8
Buick	9
BMW	10
Cadillac Northstar	10
Chevrolet 4 & 6 cylinder	11
Chevrolet Small Block	12-21
Chevrolet 400	22-25
Chevrolet Gen III "LS"	26-31
Chevrolet Big Block	32-41
Chevrolet 409	32
Chrysler 4 cylinder	42
Chrysler 8.0L V10	42
Chrysler Late Model Hemi	42-43
Chrysler Small Block	44-45
Chrysler 400	46
Chrysler RB	47
Ford 4 & 6 cylinder	48
Ford 8BA Flathead	49
Ford 4.6 & modular	50-51
Ford 289 / 302	52-53
Ford 351C	54-55
Ford 351W	56-57
Ford Big Block	58-59
Ford FE	60-61
Honda / Acura	62-63
Mazda	64
Mitsubishi	64-65
Nissan / Infiniti	66
Oldsmobile	67
Pontiac	68-69
Subaru	70
Toyota / Lexus	71
Volkswagen / Audi	72
Service Parts	72-73
Crankshaft Options	74
Terms & Conditions	75



RECOMMENDED APPLICATION GUIDE

Choosing the right components for your application is essential to the overall success of your engine build. You need parts that can handle your application, but you don't want to waste money, either. Eagle has provided this guide to help familiarize you with the intended application for each type of component offered in our kits. If you have any questions or need any further help, please call us for technical assistance at 662-796-7373.

STOP Not recommended. Premature failure and/or engine damage may result!

! Use with caution. Will work, but may not have the durability we prefer.

● Good match. This part is very well suited to your application.

Best! Using this part will take advantage of every design aspect available.

Application	5140 I-Beam	4340 I-Beam	4340 H-Beam	Lightweight H-Beam	Upgraded H-Beam & Extreme Duty	Cast	4340	LW 4340	Hypereutectic	forged 4032	forged 2618
pump gas daily driver, no power adders	Best!	Good match	Good match	Good match	Good match	Best!	Good match	Good match	Best!	Good match	! Use with caution
pump gas performance, no power adders	! Use with caution	Best!	Best!	Good match	Good match	! Use with caution	Best!	Good match	Good match	Best!	! Use with caution
pump gas, nitrous, low boost	STOP	Good match	Best!	Good match	Good match	STOP	Best!	Good match	STOP	Best!	Good match
race gas, alcohol, nitrous, high boost	STOP	Good match	Good match	! Use with caution	Best!	STOP	Best!	! Use with caution	STOP	! Use with caution	Best!
4x4 off-road, 33"+ tires	Good match	Best!	Best!	Good match	Good match	STOP	Best!	Good match	Good match	Best!	Good match
Marine performance	! Use with caution	Good match	Good match	Good match	Best!	STOP	Best!	! Use with caution	Good match	Best!	Good match
drag racing	! Use with caution	Good match	Good match	! Use with caution	Best!	STOP	Best!	Good match	Good match	Best!	Good match
road racing	STOP	Good match	Good match	Best!	Good match	STOP	Good match	Best!	! Use with caution	Best!	Good match
unlimited sprint car	STOP	! Use with caution	Good match	! Use with caution	Best!	STOP	Best!	Good match	! Use with caution	Good match	Best!
late model dirt track	Good match	Good match	Good match	Best!	Good match	STOP	Good match	Best!	Good match	Best!	Good match
2bbl restricted dirt track	Good match	Good match	Good match	Best!	Good match	Good match	Good match	Best!	Good match	Best!	Good match
dirt track claimer	Best!	Good match	Good match	Good match	Good match	Best!	Good match	Good match	Best!	Good match	Good match
tractor pull, mud bog	STOP	Good match	Good match	! Use with caution	Best!	STOP	Best!	! Use with caution	! Use with caution	Best!	Good match

INTERNAL BALANCE CHEVY 400 SMALL BLOCK ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use. Assemblies balanced by Eagle require no additional balancing.

Assemblies include crank, rods, pistons, rings, and bearings (OE replacement bearings with cast crank, racing bearings with forged crank).

Designed for internal balance without heavy metal. Standard bore size is 4.125".

Heavy duty assemblies include rod bolt upgrade and application-specific pistons (see description).

Compression ratios calculated considering uncut block, 4.155" bore size, and .040" head gasket thickness.

STROKE	ROD	PISTON	RINGS	58cc	64cc	76cc	000	020	030	040	060
3.750"	6.000"	2618 JE -28cc F.I. inv. dome	FF	9.2	8.8	8.0	401	-	407	409	-
3.750"	5.700"	4032 Mahle-20cc inv. dome	FF	10.0	9.5	8.6	401	-	407	409	-
3.750"	6.000"	4032 Mahle -16cc inv. dome	FF	10.3	9.8	8.8	401	-	407	409	-
3.750"	5.700"	Speed Pro -6cc flat top	std	11.4	10.8	9.6	401	-	407	409	413
3.750"	5.700"	4032 Mahle -5cc flat top	FF	11.6	11.0	9.7	401	-	407	409	-
3.750"	6.000"	4032 Mahle -5cc flat top	FF	11.6	11.0	9.7	401	-	407	409	-

This is the compression ratio when used with various sizes of combustion chamber. All compression ratios are calculated with an uncut block, .040" thick head gasket, and middle bore size.

This chart tells you which bore sizes each kit is available in and what the resulting engine size will be. A dash denotes the kit is not available in that bore size.

CRANKSHAFT LISTINGS

CRANKSHAFTS

Bobweight listed is bobweight of crank when new +/- 2% GUARANTEED

2 PIECE REAR SEAL

STROKE	NOTES	BOBWEIGHT
3.000"	"302" stroke	1855
3.250"	"327" stroke	1855
3.480"	"305/350" stroke	1855

GOOD



CAST STEEL

.092" radiuses
Excellent alternative to O.E. crankshaft.
Recommended for use in pump-gas street engines, no power-adders.

CAST STEEL	WT.
-	-
-	-
103503480	49

BETTER

4140 STEEL

.125" radiuses

Recommended for use in pump-gas performance engines, power-adders OK.

FORGED 4140 STEEL	WT.
-	-
-	-
535034805700	?

BEST

4340 STEEL

.125" radiuses

Recommended for use in competition engines, anything goes.

FORGED 4340 STEEL	WT.
435030005700	52
435032505700	52
435034805700	53

The "bobweight: listed is the bobweight range that the crank is "out of the box" new from Eagle. This information is provided to help the engine builder estimate balancing costs. Eagle crankshafts are designed so that when used with typical components, only removal of material should be necessary to balance the crankshaft.

To help you understand the different grades of crankshafts we offer, we have listed them all together. We hope this will help you determine which crank is best for your application. If you need help, don't hesitate to call us at 662-796-7373. We are more than happy to help you pick the right crank for your needs.

ROTATING ASSEMBLY LISTING

To help you understand the different levels of assemblies we offer, we have listed them all together. We hope this will help you determine which assembly is best for your application. If you need help, don't hesitate to call us at 662-796-7373. We are more than happy to help you pick the right parts for your needs.

Multiple part numbers may be listed for each assembly for variations in blocks, rear seal type, reluctor ring, main journal size, etc.

GOOD

**CAST CRANKSHAFT
'SIR' I-BEAM RODS**
3/8" ARP 8740 bolts
HYPEREUTECTIC PISTONS

Pump gas street car, no power adders

BALANCED 400 MAINS

-
-
-
B13470
-
-

BETTER

FORGED 4140 STEEL CRANK

FSI' I-BEAM RODS
1/16" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS

Pump gas performance, Mild power adder with forged piston only

UNBALANCED 400 MAINS 350 MAINS

- -
62500 62600
62508 62608
- -
62501 62605
62503 62603

BALANCED 400 MAINS 350 MAINS

- -
B62500 B62600
B62508 B62608
- -
B62501 B62605
B62503 B62603

BEST

FORGED 4340 STEEL CRANK

H-BEAM RODS

ARP 2000 or L19 bolt upgrade available

PREMIUM FORGED PISTONS

Competition use. Race gas, power adders OK.

UNBALANCED 400 MAINS 350 MAINS

35210 35160
12500 12600
12508 12608
- -
12501 12605
12503 12603

BALANCED 400 MAINS 350 MAINS

35210 35160
12500 12600
12508 12608
- -
12501 12605
12503 12603

This is the root kit part number. You will need to specify the bore size when ordering. Add the bore size to the end of the kit number when ordering. For example, to order kit 14125 in +.030" bore, order **14125030**. Always order the bore size the same way it is listed in the displacement chart. To order a kit balanced, add the letter "B" to the beginning of the part number. So to order the previous kit mentioned balanced by Eagle, order **B14125030**. Some kits will have other options such as rear seal, flexplate, or damper type. These kits will have their "balanced" versions listed separately in a different table.

EXTREME DUTY

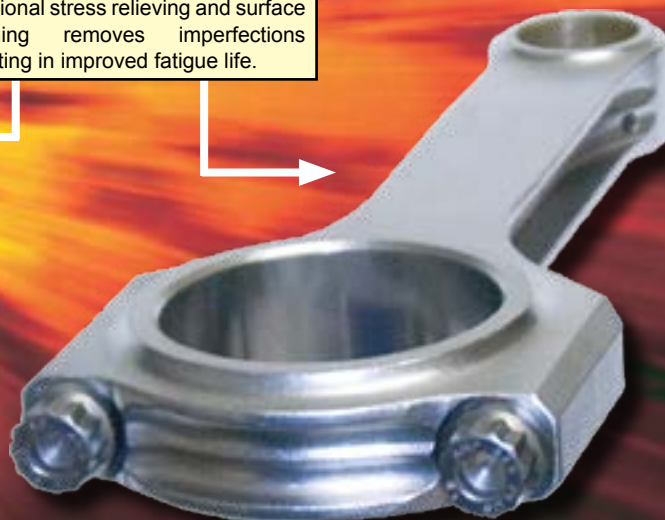


Extreme Duty Connecting Rods

Eagle is proud to announce the next step in connecting rod development. Eagle's new Extreme Duty connecting rods are forged in our unique two-piece forging using our proprietary nickel/chromium steel that exceeds ASME E-4340 steel standards for tensile strength and yield strength. Extreme Duty rods feature extensive surface finishing engineered to remove surface imperfections to further enhance fatigue strength. 3/8" ARP Custom Age 625+ bolts hold everything together for the ultimate in extreme power handling and durability. Eagle Extreme Duty connecting rods are the ultimate connecting rod for your extreme powerplant.

Additional stress relieving and surface finishing removes imperfections resulting in improved fatigue life.

270,000 psi tensile strength,
3/8" ARP Custom Age 625+ bolts



ENGINE	PART NO.
Honda B18A/B, B20B/Z	CRS5394AXD
Honda B18C VTEC	CRS5430AXD
Honda H22	CRS5630HXD
Honda K24	CRS5984KXD
Subaru EJ20, EJ257	CRS5137SXD
Nissan SR20DET	CRS5365NXD

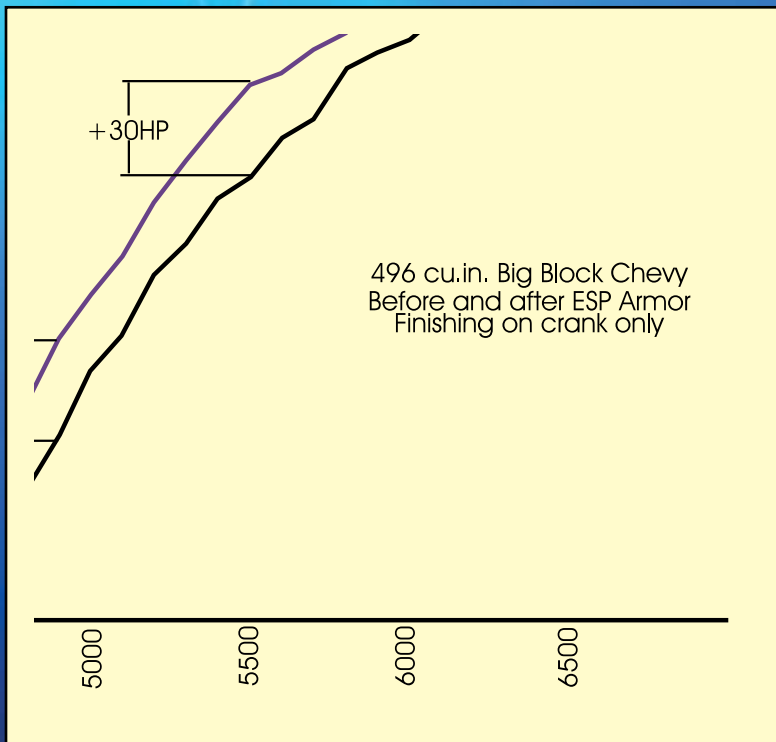
ENGINE	PART NO.
Nissan RB26DETT	CRS4783NXD
Toyota 3SGTE	CRS5428TXD
Toyota 2JZGTE	CRS5590TXD
Mitsubishi 4G63 7 bolt	CRS5900MBXD
Mitsubishi 4G63 6 bolt w/ 22mm pin	CRS5900MCXD
Mitsubishi 4B11T	CRS5659MXD

Don't see your application listed? Others available soon!



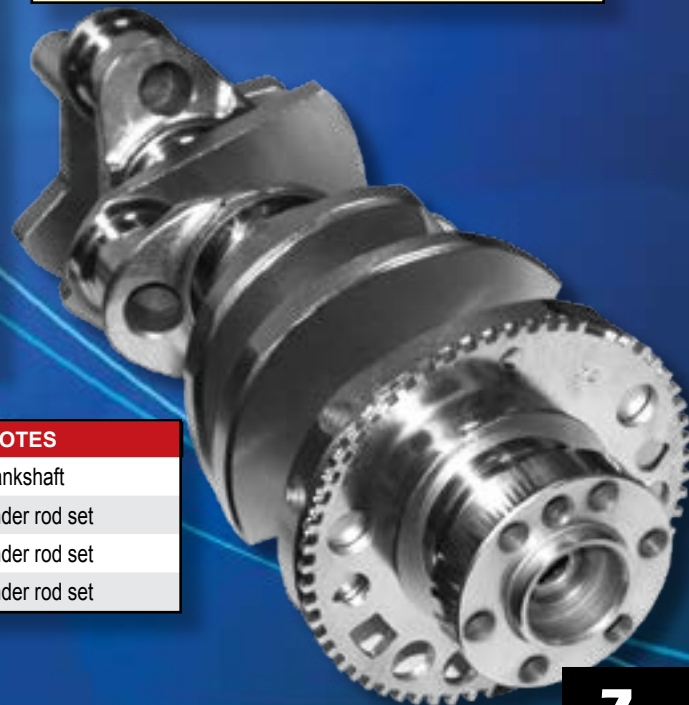
ESP ARMOR

ESP Armor is a revolutionary new surface finishing process that is available only through Eagle. Similar processes exist, but ESP armor is unique because it is NOT A COATING, nor is it a chemical etching process. ESP Armor is a unique surface finishing process that results in an incredibly slick surface. This has many benefits. First and foremost is reduce bearing friction. By giving the oil a slicker surface to slide along, the bearing friction is reduced. This will also be evident in slower oil heating, reduced windage losses, and improved corrosion resistance. You will also notice that your bearings will live longer as a result of ESP Armor. The finish is unmistakable. Although it resembles chrome, it is not a coating that might flake off or wear out. Eagle is so confident in the effects ESP Armor has on our rods and cranks that we include a ONE YEAR LIMITED WARRANTY against breakage when ESP Armor is used on any 4340 steel crankshaft or H-beam rod. Many customers have tried it and all have been not only pleased, but surprised by the results. You've got to see it, and use it, to believe it!



ESP Armor Dyno Test

Our test engine was a 700 hp big block Chevy (496 CID) drag race engine. The test was performed in a controlled environment by an independent dyno tuning facility. Absolutely nothing was changed in the second session except the crankshaft had been finished with ESP Armor. The engine gained 30 hp in two separate rpm points, and gained 19 hp at peak. These results are consistent with our first test done with a typical street 383 CID Chevy small block.



PART NO.	NOTES
AR 100	crankshaft
AR 504	8 cylinder rod set
AR 502	6 cylinder rod set
AR 500	4 cylinder rod set

BRIGGS & STRATTON

BILLET ALUMINUM RODS

Billet SAE 7075-T651 aluminum

1/4" ARP 2000 rod bolts

Serrated cap mating surface for precise cap location

Sizing performed with Sunnen Krossgrinding System

Perfect for use in junior dragsters



LENGTH	WEIGHT	ROD JOURNAL	PART NO.
4.375"	135	.998"	CRS CR4375BS
4.375"	125	.875"	CRS CR4375SS
4.500"	140	.998"	CRS CR4500BS

DESCRIPTION	PART NO.
replacement rod bolt	871200
replacement rod bolt washer	871300

BILLET STEEL CRANKSHAFTS

Billet SAE 4340 steel with multi-stage heat treatment

Micropolished journals feature 3 r.a. or better

.125" fillet radiuses improve strength and rigidity

Shot-peened, stress-relieved, and nitrided for superior durability

Recommended for use up to 50hp

Designed around 320g bobweight



STROKE	ROD JOURNAL	PART NO.
3.000"	.875"	CS3000875
3.000"	.998"	CS3000998

DESCRIPTION	PART NO.
48 tooth cam sprocket, .500" width	G35948C
crank sprocket, 3 keyways, .500" width	G1763W24S
crank sprocket, 4 keyways, .500" width	G1841W24S



DESCRIPTION	PART NO.
52 tooth cam sprocket, .473" width	G33752C
crank sprocket, 1 keyway, .473" width	G1761N26S
crank sprocket, 3 keyways, .473" width	G1763N26S
crank sprocket, 4 keyways, .473" width	G1764W26S

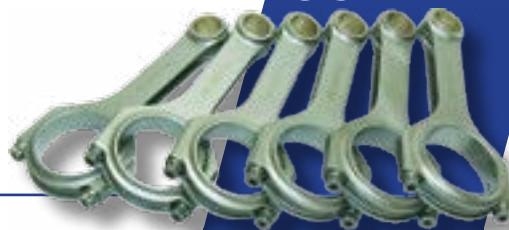


DESCRIPTION	PART NO.
Starter nut	6251N
small snout bearing	1616Z
main bearing, .875" ID	6205-14/C3
main bearing, 1.000" ID	6205-16-2RS

BUICK 3.8 V6

H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging
3/8" ARP 2000 bolts
Alignment sleeves for precise cap location
Sizing performed with Sunnen Krossgrinding system
Weight-matched to +/-1g



CRS H-BEAM

DESCRIPTION	LENGTH	WEIGHT	PIN SIZE
3.8L V6 turbo	5.967"	600	.938"
3.8L V6 turbo stroker	6.300"	620	.927"

PART NUMBER

CRS5967B3D

CRS6300V3D

FORGED 4140 STEEL CRANKS

Non-twist forged from SAE 4140 steel with multi-stage heat-treatment.
Micropolished journals feature a 3 r.a. or better.
.125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
Shot-peened, stress-relieved, and nitrided for superior durability.
Target bobweight guaranteed +/- 2%. Approximate weight is 47 pounds.

4140 STEEL



STROKE	BOBWEIGHT	MIN. ROD	BALANCE
3.400"	880	5.967"	internal
3.400"	880	5.967"	external
3.625"	880	5.967"	internal

PART NUMBER

523134005967

523134005967E

523136255967

COMPETITION ASSEMBLIES

Forged 4140 steel crankshaft, forged 4340 steel H-Beam rods.
3/8" ARP 2000 rod bolts.
Premium forged pistons, plasma-moly file fit rings, premium racing bearings.
Add "B" to beginning of part number to order balanced assembly (internal balance only).
Compression ratios calculated considering 9.540" deck height, 3.820" bore, .040" gasket.



STROKE	ROD	PISTON	48cc
3.400"	5.967"	2618 JE -28.6cc inv. dome	8.2
3.400"	5.967"	4032 Wiseco -25cc inv. dome	8.1
3.625"	6.300"	2618 CP -26.2cc inv. dome	8.6
3.625"	6.300"	2618 CP -26.2cc inv. dome, 9310 pin	8.6

DISPLACEMENT				
3.810	3.815	3.819	3.820	3.830
233	233	-	234	235
-	-	-	234	235
-	-	249	-	-
-	-	249	-	-

INTERNAL BAL.	EXTERNAL BAL.
45100	45200
45102	45202
45101	-
45101U	-

NEW!



BMW

H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging
3/8" ARP 2000 bolts
Weight-matched to +/- 1g
Alignment sleeves for precise cap location
Sizing performed with Sunnen Krossgrinding system
Recommended for use up to 900hp (4 cyl), 1500hp (6 cyl)

CRS H-BEAM



PART NO.

CRS5313B63D

CRS5313B43D

APPLICATION	LENGTH	WEIGHT	PIN SIZE
M52, M54, S50, S52	5.313" 135.0mm	540	22mm
M40, M42, M44	5.313" 135.0mm	540	22mm

CADILLAC NORTHSTAR

H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging
3/8" ARP 2000 bolts
Weight-matched to +/- 1g
Alignment sleeves for precise cap location
Sizing performed with Sunnen Krossgrinding system
Recommended for use up to 1500hp

CRS H-BEAM



PART NO.

CRS5943C3D

LENGTH	WEIGHT	PIN SIZE	NOTES
5.943"	545	22mm	up to 1999

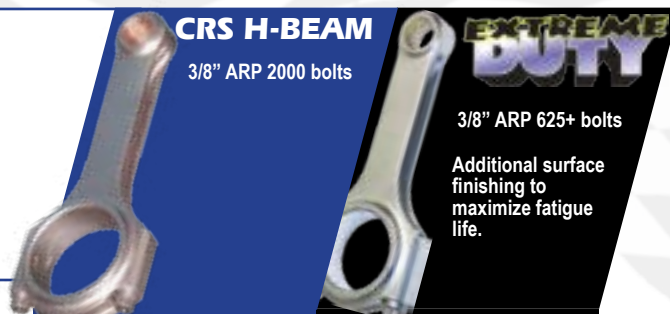
Eagle's digital rod scale enables us to precisely measure the big and small ends of every rod to provide them in weight-matched sets without the need for grinding which can result in stress-risers and shorten the fatigue life and strength of a connecting rod.



CHEVROLET 4 CYL & 6 CYL

H-BEAM RODS

Forged 4340 steel
Stock journal and pin size
Bushed small end for full-floating piston pins
Big end sized with Sunnen Krossgrinder
Alignment sleeves for precise cap location
weight matched sets +/- 1g



APPLICATION	LENGTH	WEIGHT	PIN SIZE	BOLTS
LN2 OHV 2.2L	5.590"	580	.800"	3/8" ARP 2000
LD9 2.4L Quad4	5.710"	550	22mm	3/8" ARP 2000
2.2L Ecotec	5.765"	520	20mm	3/8" ARP 2000
2.3L Quad4	5.806"	590	22mm	3/8" ARP 2000
4.3 even fire V6	5.700"	665	.927"	3/8" ARP 2000
250 CID I-6	5.700"	515	.927"	7/16" ARP 8740

H-BEAM	EXTREME DUTY
CRS5590C3D	CRS5590CXD
CRS5710C3D	CRS5710CXD
CRS5765C3D	CRS5765CXD
CRS5806C3D	CRS5806CXD
CRS570063D	-
CRS5700SLW6	-

CAST CRANKSHAFTS

Excellent alternative to O.E. crank
.092" radiuses so standard bearings may be used.
Recommended for use in pump gas street engines, no power adders.
Approximate weight is 33 pounds.

CAST STEEL



APPLICATION	STROKE	NOTES
173 CID V6	2.992"	matches factory casting # 817

PART NO.
10173817



Eagle team members sizing H-Beam rods with the Sunnen Krossgrinding system in our City of Industry, California location. The Sunnen Krossgrinder is like no other rod sizing machine and produces a perfect finished size for the rod big end.



CHEVROLET SMALL BLOCK

CONNECTING RODS

.927" pin size

Alignment sleeves for precise cap location

GOOD

SIR I-BEAM

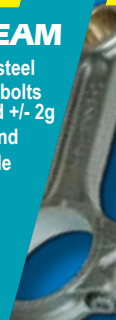
Forged 5140 steel
3/8" ARP 8740 bolts
weight-matched +/- 2g
CNC sized big end
ARP 2000 upgrade available



BETTER

FSI I-BEAM

Forged 4340 steel
7/16" ARP 8740 bolts
weight-matched +/- 1g
Sized with Sunnen Krossgrinder
ARP 2000 upgrade available



BEST

CRS H-BEAM

Forged 4340 steel 7/16" ARP 8740 bolts weight-matched +/- 1g
Sized with Sunnen Krossgrinder ARP 2000 or L19 upgrade available



2.100" ROD JOURNALS

LENGTH	NOTES
5.565"	-
5.700"	press-fit
5.700"	-
5.850"	-
5.950"	-
6.000"	-
6.100"	-
6.125"	-
6.200"	-
6.250"	-
6.300"	-

"SIR" I-BEAM	WT.
-	-
SIR5700BPLW	550
SIR5700BBLW	560
SIR5850BBLW	580
SIR5950BBLW	585
SIR6000BBLW	570
-	-
SIR6125BBLW	600
SIR6200BBLW	610
SIR6250BBLW	615
-	-

"FSI" I-BEAM	WT.
-	-
-	-
FSI5700B	580
-	-
-	-
FSI6000B	605
-	-
-	-
-	-
-	-

"CRS" H-BEAM	WT.	w/ARP 2000	w/ARP L19
CRS5565B3D	635	CRS5565B3D2000	CRS5565B3DL19
-	-	-	-
CRS5700B3D	630	CRS5700B3D2000	CRS5700B3DL19
CRS5850B3D	630	CRS5850B3D2000	CRS5850B3DL19
CRS5950B3D	650	CRS5950B3D2000	CRS5950B3DL19
CRS6000B3D	640	CRS6000B3D2000	CRS6000B3DL19
CRS6100L3D	650	CRS6100L3D2000	CRS6100L3DL19
CRS6125B3D	620	CRS6125B3D2000	CRS6125B3DL19
CRS6200B3D	640	CRS6200B3D2000	CRS6200B3DL19
CRS6250B3D	650	CRS6250B3D2000	CRS6250B3DL19
CRS6300B3D	660	CRS6300B3D2000	CRS6300B3DL19

2.000" ROD JOURNALS

LENGTH	NOTES
5.700"	press-fit
5.700"	-
5.850"	-
6.000"	-

"SIR" I-BEAM	WT.
SIR5700SPLW	590
SIR5700SBLW	595
-	-
SIR6000SBLW	640

"FSI" I-BEAM	WT.
-	-
-	-
-	-
-	-

"CRS" H-BEAM	WT.	w/ARP 2000	w/ARP L19
-	-	-	-
CRS5700S3D	640	CRS5700S3D2000	CRS5700S3DL19
CRS5850S3D	650	CRS5850S3D2000	CRS5850S3DL19
CRS6000S3D	660	CRS6000S3D2000	CRS6000S3DL19

1.889" ROD JOURNALS

LENGTH	NOTES
5.700"	press-fit
5.700"	-
5.850"	-
6.000"	-

"SIR" I-BEAM	WT.
SIR5700SPLW	590
SIR5700SBLW	595
-	-
SIR6000SBLW	640

"FSI" I-BEAM	WT.
-	-
-	-
-	-
-	-

"CRS" H-BEAM	WT.	w/ARP 2000	w/ARP L19
-	-	-	-
CRS5700H3D	640	CRS5700H3D2000	CRS5700H3DL19
CRS5850H3D	650	CRS5850H3D2000	CRS5850H3DL19
CRS6000H3D	660	CRS6000H3D2000	CRS6000H3DL19

EXTREME STROKER RODS

CNC machined for extra cam clearance

Recommended for use with 3.875" or longer stroke

2.100" ROD JOURNALS

LENGTH	NOTES
6.000"	CNC machined for extra cam clearance

"FSI" I-BEAM	WT.
FSI5700BST	600

"CRS" H-BEAM	WT.	w/ARP 2000	w/ARP L19
CRS6000BST	650	CRS6000BST2000	-



305/350 CRANKSHAFTS

Bobweight listed is bobweight of crank when new
+/- 2% GUARANTEED

2 PIECE REAR SEAL

STROKE	NOTES	BOBWEIGHT
3.000"	"302" stroke	1855
3.250"	"327" stroke	1855
3.480"	"305/350" stroke	1855
3.500"		1855
3.562"		1855
3.625"		1855
3.750"		1855
3.750"	external balance	1855
3.750"	2.000" rod journal, ext. balance	1855
3.875"	6.000" rod or longer	1855
4.000"	6.000" rod or longer	1855
4.125"	6.000" rod or longer	1855

1 PIECE REAR SEAL

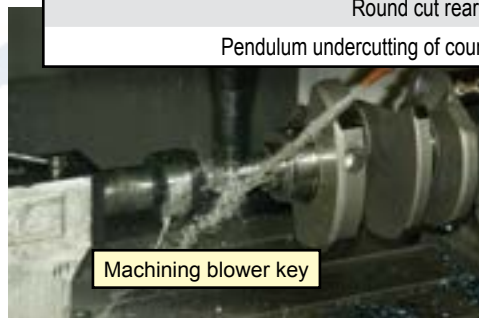
STROKE	NOTES	BOBWEIGHT
3.000"	"302" stroke	1855
3.250"	"327" stroke	1855
3.480"	"305/350" stroke	1855
3.750"		1855
3.750"	external balance	1855
3.750"	int. front/ext. rear balance	1855
3.800"		1850
3.875"	6.000" rod or longer	1855

*1750 bobweight

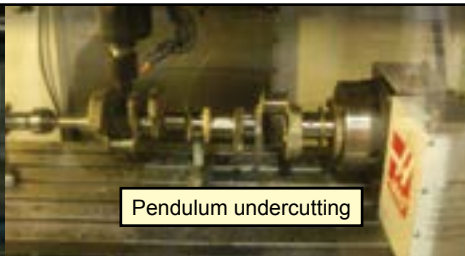
CRANKSHAFT OPTIONS

Available only at the time of purchase

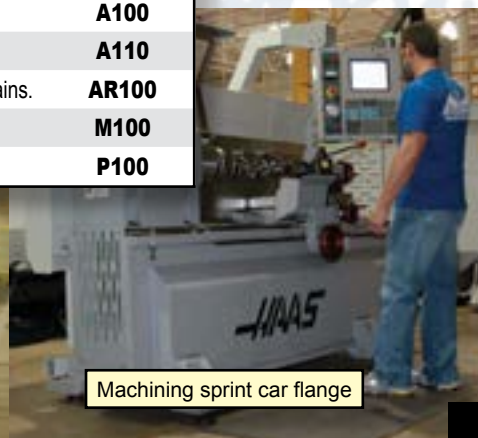
DESCRIPTION	PART NO.
machine snout for second 3/16" keyway	A100
machine snout for second 1/4" keyway	A110
ESP Armor surface finish reduces bearing friction and improves oil shedding. 1.5%- 4% typical power gains.	AR100
Round cut rear flange for sprint car use	M100
Pendulum undercutting of counterweights reduces weight 2-4 pounds.	P100



Machining blower key



Pendulum undercutting



Machining sprint car flange

Not for use in pollution controlled vehicles.

662.796.7373



CHEVROLET 305

CHEVY 305 2pc REAR SEAL ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use.

Assemblies balanced by Eagle require no additional balancing.

Assemblies include crank, rods, pistons, rings, and bearings.

Standard bore size is 3.736".

Compression ratios calculated considering uncut block, 3.766" bore size, and .040" head gasket thickness.

STROKE	ROD	PISTON	58cc	64cc	DISPLACEMENT		
					030	040	060
3.480"	5.700"	hyper. KB -12cc inv. dome	9.2	8.6	311	312	316
3.480"	5.700"	hyper. KB -5cc flat top	10.0	9.3	311	312	316
3.750"	5.700"	hyper. KB -10cc inv. dome	10.1	9.4	334	336	340

CAST CRANKSHAFT

'SIR' I-BEAM RODS

3/8" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS

Pump gas street car, no power adders

INTERNAL BALANCE		EXTERNAL BALANCE	
UNBALANCED	BALANCED	UNBALANCED	BALANCED
13100	B13100E	-	-
13101	B13101E	-	-
-	-	13102	B13102E

CHEVY 305 1pc REAR SEAL ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use.

Assemblies balanced by Eagle require no additional balancing.

Assemblies include crank, rods, pistons, rings, and bearings.

Standard bore size is 3.736".

Compression ratios calculated considering uncut block, 3.766" bore size, and .040" head gasket thickness.

STROKE	ROD	PISTON	58cc	64cc	DISPLACEMENT		
					030	040	060
3.480"	5.700"	hyper. KB -12cc inv. dome	9.2	8.6	311	312	316
3.480"	5.700"	hyper. KB -5cc flat top	10.0	9.3	311	312	316
3.750"	5.700"	hyper. KB -10cc inv. dome	10.1	9.4	334	336	340

CAST CRANKSHAFT

'SIR' I-BEAM RODS

3/8" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS

Pump gas street car, no power adders

INTERNAL BALANCE		EXTERNAL BALANCE	
UNBALANCED	BALANCED	UNBALANCED	BALANCED
13100L	B13100L	-	-
13101L	B13101L	-	-
-	-	13102L	B13102L

CHEVROLET 305/350



CATEGORY	PAGES
small block rods	12
small block cranks	13
305 assemblies	14
350 external balance assemblies	15
350 2pc rear seal internal balance assemblies	16/17
350 1pc rear seal internal balance assemblies	18/19
circle track & lightweight	20/21
small block 400 rods	22
small block 400 cranks & ext. bal. assemblies	23
small block 400 internal balance assemblies	24/25

From the factory, 1 piece rear seal 350 and LT1 are balanced internally in the front and externally in the rear. When building a stroker LT1, external balanced assemblies CANNOT be used because no external balance LT1 damper is available.



2pc REAR SEAL EXTERNAL BALANCE ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use.

Assemblies balanced by Eagle require no additional balancing and include damper and flexplate.

Compression ratios calculated considering uncut block, 4.030" bore, & .040" head gasket thickness.

CAST CRANKSHAFT

'SIR' I-BEAM RODS
3/8" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS
Pump gas street car, no power adders

	STROKE	ROD	PISTON	RINGS	58cc	64cc	76cc	DISPLACEMENT			UNBALANCED		BALANCED
								030	040	060			
	3.750"	6.000"	4032 Icon -18cc inv. dome	FF	9.9	9.4	8.3	383	385	388	13303		B13303E
TOP SELLER	3.750"	5.700"	hyper. KB -18cc inv. dome	std	9.9	9.4	8.3	383	385	388	13004		B13004E
	3.750"	5.700"	4032 Icon -18cc inv. dome	std	9.9	9.4	8.3	383	385	388	13304		B13304E
	3.750"	5.700"	4032 Mahle -16cc inv. dome	FF	10.0	9.4	8.4	383	385	388	13001		B13001E
	3.750"	6.000"	4032 Mahle -16cc inv. dome	FF	10.0	9.4	8.4	383	385	388	13002		B13002E
TOP SELLER	3.750"	5.700"	Speed Pro -12cc inv. dome	std	10.4	9.8	8.7	383	385	388	-		B13404E
TOP SELLER	3.750"	5.700"	Speed Pro -5cc flat top	std	11.2	10.5	9.3	383	385	388	-		B13405E
TOP SELLER	3.750"	5.700"	hyper. KB -7cc flat top	std	11.2	10.5	9.3	383	385	388	13005		B13005E
	3.750"	5.700"	4032 Mahle -5cc flat top	FF	11.3	10.5	9.3	383	385	388	13006		B13006E
	3.750"	6.000"	4032 Mahle -5cc flat top	FF	11.3	10.5	9.3	383	385	388	13007		B13007E
	3.750"	5.700"	4032 Icon -3.7cc flat top	FF	11.7	10.9	9.7	383	385	388	13305		B13305E
	3.750"	6.000"	4032 Icon -5cc flat top	FF	11.3	10.5	9.3	383	385	388	13316		B13316E

1pc REAR SEAL EXTERNAL BALANCE ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use.

Assemblies balanced by Eagle require no additional balancing.

Compression ratios calculated considering uncut block, 4.030" bore, & .040" head gasket thickness.

CAST CRANKSHAFT

'SIR' I-BEAM RODS
3/8" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS
Pump gas street car, no power adders

	STROKE	ROD	PISTON	RINGS	58cc	64cc	76cc	DISPLACEMENT			EXTERNAL BALANCE			
								030	040	060	internal(f), external(r) balance		EXTERNAL BALANCE	
											UNBALANCED	BALANCED	UNBALANCED	BALANCED
	3.480"	5.700"	4032 SRP -24cc inv. dome	FF	8.8	8.3	7.5	355	356	360	13020L	B13020L	-	-
	3.480"	5.700" press-fit	Speed Pro -10cc inv. dome	std	9.5	8.9	8.0	355	356	360	-	B13403L	-	-
	3.480"	5.700"	hyper. KB -12cc inv. dome	std	9.7	9.1	8.2	355	356	360	13201L	B13201L	-	-
TOP SELLER	3.480"	5.700" press-fit	Speed Pro -7cc flat top	std	10.3	9.6	8.5	355	356	360	-	B13402L	-	-
	3.480"	5.700"	hyper. KB -7cc flat top	std	10.3	9.6	8.5	355	356	360	13202L	B13202L	-	-
	3.480"	6.000"	hyper. KB -7cc flat top	std	10.3	9.6	8.5	355	356	360	13205L	B13205L	-	-
	3.480"	6.000"	"claimer" KB -5cc flat top	std	10.6	9.9	8.8	355	356	360	13208L	B13208L	-	-
	3.480"	5.700"	4032 Mahle -5cc flat top	FF	10.3	9.6	8.5	355	356	360	13021L	B13021L	-	-
	3.480"	6.000"	4032 Mahle -5cc flat top	FF	10.3	9.6	8.5	355	356	360	13022L	B13022L	-	-
	3.480"	5.700"	4032 Icon -3.7cc flat top	FF	10.8	10.1	9.1	383	385	388	13302L	B13302L	-	-
	3.480"	6.000"	4032 Icon -3.7cc flat top	FF	10.8	10.1	9.1	383	385	388	13311L	B13311L	-	-
	3.750"	6.000"	4032 Icon -18cc inv. dome	FF	9.9	9.4	8.4	383	385	388	13573	B13573	13303L	B13303L
	3.750"	5.700"	hyper. KB -18cc inv. dome	std	9.9	9.4	8.4	383	385	388	13554L	B13554L	13004L	B13004L
	3.750"	5.700"	4032 Icon -18cc inv. dome	std	9.9	9.4	8.4	383	385	388	13574	B13574	13304L	B13304L
	3.750"	5.700"	4032 Mahle -16cc inv. dome	FF	10.0	9.4	8.4	383	385	388	13551L	B13551L	13001L	B13001L
	3.750"	6.000"	4032 Mahle -16cc inv. dome	FF	10.0	9.4	8.4	383	385	388	13552L	B13552L	13002L	B13002L
TOP SELLER	3.750"	5.700"	Speed Pro -12cc inv. dome	std	10.4	9.8	8.7	383	385	388	-	B13504L	-	B13404L
TOP SELLER	3.750"	5.700"	Speed Pro -5cc flat top	std	11.2	10.5	9.3	383	385	388	-	B13505L	-	B13405L
	3.750"	5.700"	hyper. KB -7cc flat top	std	11.2	10.5	9.3	383	385	388	13555L	B13555L	13005L	B13005L
	3.750"	5.700"	4032 Mahle -5cc flat top	FF	11.3	10.5	9.3	383	385	388	13556L	B13556L	13006L	B13006L
	3.750"	6.000"	4032 Mahle -5cc flat top	FF	11.3	10.5	9.3	383	385	388	13557L	B13557L	13007L	B13007L
	3.750"	5.700"	4032 Icon -3.7cc flat top	FF	11.7	10.9	9.7	383	385	388	13565L	B13565L	13305L	B13305L
	3.750"	6.000"	4032 Icon -5cc flat top	FF	11.3	10.5	9.3	383	385	388	13566L	B13566L	13316L	B13316L



INTERNAL BALANCE 2pc REAR SEAL SMALL BLOCK ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use. Assemblies balanced by Eagle require no additional balancing.

Assemblies include crank, rods, pistons, rings (OE replacement bearings with cast crank, racing bearings with forged crank).

Heavy duty assemblies include rod bolt upgrade and application-specific pistons (see description).

Standard bore size is 4.000". Compression ratios calculated considering uncut block, 4.030" bore size, and .040" head gasket thickness.

	STROKE	ROD	PISTON	RINGS	58cc	64cc	76cc	DISPLACEMENT			
								000	030	040	060
	3.480"	5.700"	4032 SRP -24cc inv. dome	FF	8.6	8.2	7.6	350	355	356	360
	3.480"	5.700", ARP L19	2618 JE -22cc F.I. inv. dome	FF	8.8	8.3	7.8	-	355	-	-
TOP SELLER	3.480"	5.700" press-fit	Speed Pro -10cc inv. dome	std	9.5	8.9	8.0	350	355	356	360
	3.480"	5.700"	hyper. KB -12cc inv. dome	std	9.7	9.1	8.2	350	355	356	360
TOP SELLER	3.480"	5.700" press-fit	Speed Pro -7cc flat top	std	10.3	9.6	8.5	350	355	356	360
TOP SELLER	3.480"	5.700"	Speed Pro -7cc flat top	std	10.3	9.6	8.5	350	355	356	360
	3.480"	5.700"	hyper. KB -7cc flat top	std	10.3	9.6	8.5	350	355	356	360
	3.480"	6.000"	hyper. KB -7cc flat top	std	10.3	9.6	8.5	350	355	356	360
	3.480"	6.000"	"claimer" KB -5cc flat top	std	10.6	9.9	9.0	350	355	356	360
	3.480"	5.700"	4032 Mahle -5cc flat top	FF	10.6	9.9	9.0	350	355	356	360
	3.480"	6.000"	4032 Mahle -5cc flat top	FF	10.6	9.9	9.0	350	355	356	360
	3.480"	5.700"	4032 Icon -3.7cc flat top	FF	10.8	10.1	8.9	350	355	356	360
	3.480"	6.000"	4032 Icon -3.7cc flat top	FF	10.8	10.1	8.9	350	355	356	360
	3.480"	6.000"	2618 Mahle +11cc dome	FF	12.6	11.6	10.0	-	355	356	360
	3.500"	6.000"	4032 Mahle -5cc flat top	FF	10.6	9.9	9.0	352	357	359	362
	3.750"	5.700"	2618 Mahle -31cc inv. dome	FF	8.7	8.2	7.7	-	383	-	-
	3.750"	5.700", ARP L19	2618 JE -31cc F.I. inv. dome	FF	8.7	8.2	7.8	-	383	-	-
	3.750"	5.700"	4032 Mahle -26cc inv. dome	FF	9.0	8.6	7.8	-	383	385	-
	3.750"	6.000", ARP L19	2618 JE -28cc F.I. inv. dome	FF	8.9	8.4	7.9	-	383	-	388
	3.750"	6.000"	4032 Icon -18cc inv. dome	FF	9.9	9.4	8.4	377	383	385	388
	3.750"	5.700"	hyper. KB -18cc inv. dome	std	9.9	9.4	8.4	377	383	385	388
	3.750"	5.700"	4032 Icon -18cc inv. dome	FF	9.9	9.4	8.4	377	383	385	388
	3.750"	5.700"	4032 Mahle -16cc inv. dome	FF	10.0	9.4	8.4	-	383	385	388
	3.750"	6.000"	4032 Mahle -16cc inv. dome	FF	10.0	9.4	8.4	-	383	385	388
TOP SELLER	3.750"	5.700"	Speed Pro -12cc inv. dome	std	10.4	9.8	8.7	377	383	385	388
TOP SELLER	3.750"	5.700"	Speed Pro -5cc flat top	std	11.2	10.5	9.3	377	383	385	388
	3.750"	5.700"	hyper. KB -7cc flat top	std	11.2	10.5	9.3	377	383	385	388
	3.750"	5.700"	4032 Mahle -5cc flat top	FF	11.3	10.5	9.3	377	383	385	388
TOP SELLER	3.750"	6.000"	4032 Mahle -5cc flat top	FF	11.3	10.5	9.3	377	383	385	388
	3.750"	5.700"	4032 Icon -3.7cc flat top	FF	11.7	10.9	9.6	377	383	385	388
	3.750"	6.000"	4032 Icon -5cc flat top	FF	11.3	10.5	9.3	377	383	385	388
	3.750"	5.700"	2618 SRP +7cc dome	FF	13.1	12.1	10.5	-	383	385	388
	3.750"	6.000"	2618 Mahle +6cc dome	FF	13.0	12.0	10.5	-	383	385	388
	3.750"	6.000"	2618 Mahle +11cc dome	FF	14.0	12.8	11.0	-	383	385	388
	3.875"	6.000" extreme stroke ARP 2000	4032 Mahle -18cc inv. dome	FF	10.1	9.5	8.5	-	395	397	-
	3.875"	6.000" extreme stroke ARP 2000	4032 Mahle -5cc flat top	FF	11.6	10.8	9.6	-	395	397	-
	4.000"	6.000" extreme stroke ARP 2000	4032 Mahle -5cc flat top	FF	11.9	11.1	9.8	-	408	410	414

GOOD
CAST CRANKSHAFT
'SIR' I-BEAM RODS

3/8" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS

Pump gas street car, no power adders

BETTER
FORGED 4140 STEEL CRANK
'FSI' I-BEAM RODS

7/16" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS

Pump gas performance, Mild power adder with forged piston only

BEST
FORGED 4340 STEEL CRANK
H-BEAM RODS

ARP 2000 or L19 bolt upgrade available

PREMIUM FORGED PISTONS

Competition use, Race gas, power adders OK.

UNBALANCED	INTERNALLY BALANCED	UNBALANCED	INTERNALLY BALANCED	UNBALANCED	INTERNALLY BALANCED
13020	B13020E	62029	B62029	12029	B12029
-	-	-	-	35100	B35100
-	B13403E	-	-	-	-
13201	B13201E	-	-	-	-
-	B13402E	-	-	-	-
-	B13401E	-	-	-	-
13202	B13202E	-	-	-	-
13205	B13205E	-	-	-	-
13208	B13208E	-	-	-	-
13021	B13021E	62001	B62001	12001	B12001
13022	B13022E	62003	B62003	12003	B12003
13302	B13302E	62302	B62302	12302	B12302
13311	B13311E	62311	B62311	12311	B12311
-	-	62004	B62004	12004	B12004
-	-	62020	B62020	12020	B12020
-	-	62006	B62006	12006	B12006
-	-	-	-	35120	B35120
-	-	62046	B62046	-	-
-	-	-	-	35130	B35130
13323	B13323E	62303	B62303	12303	B12303
13054	B13054E	-	-	-	-
13324	B13324E	62304	B62304	12304	B12304
13051	B13051E	62007	B62007	12007	B12007
13052	B13052E	62010	B62010	12010	B12010
-	B13454E	-	-	-	-
-	B13455E	-	-	-	-
13055	B13055E	-	-	-	-
13056	B13056E	62008	B62008	12008	B12008
13057	B13057E	62011	B62011	12011	B12011
13325	B13325E	62305	B62305	12305	B12305
13326	B13326E	62316	B62316	12316	B12316
-	-	62009	B62009	12009	B12009
-	-	62012	B62012	12012	B12012
-	-	62077	B62077	12077	B12077
-	-	-	-	12015	B12015
-	-	-	-	12013	B12013
-	-	-	-	12014	B12014

CHEVROLET 350 2 PIECE REAR SEAL



INTERNAL BALANCE 1pc REAR SEAL SMALL BLOCK ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use. Assemblies balanced by Eagle require no additional balancing.

Assemblies include crank, rods, pistons, rings, and bearings (OE replacement bearings with cast crank, racing bearings with forged crank).

Designed for internal balance without heavy metal. Standard bore size is 4.000".

Heavy duty assemblies include rod bolt upgrade and application-specific pistons (see description).

Compression ratios calculated considering uncut block, 4.030" bore size, and .040" head gasket thickness.

STROKE	ROD	PISTON	RINGS	58cc	64cc	76cc	DISPLACEMENT			
							000	030	040	060
3.480"	5.700"	4032 SRP -24cc inv. dome	FF	8.6	8.2	7.6	350	355	356	360
3.480"	5.700"	2618 JE -22cc inv. dome	FF	8.8	8.3	7.8	-	355	-	-
3.480"	5.700"	4032 Mahle -5cc flat top	FF	10.3	9.6	9.0	350	355	356	360
3.480"	6.000"	4032 Mahle -5cc flat top	FF	10.3	9.6	9.0	350	355	356	360
3.480"	5.700"	4032 Icon -3.7cc flat top	FF	10.8	10.1	8.9	350	355	356	360
3.480"	6.000"	4032 Icon -3.7cc flat top	FF	10.8	10.1	8.9	350	355	356	360
3.480"	6.000"	2618 Mahle +11cc dome	FF	12.6	11.6	10.0	-	355	356	360
3.750"	5.700"	2618 Mahle -31cc inv. dome	FF	8.7	8.2	7.7	-	383	-	-
3.750"	5.700"	2618 JE -31cc inv. dome	FF	8.7	8.2	7.8	-	383	-	-
3.750"	6.000"	2618 JE -28cc inv. dome	FF	8.9	8.4	7.9	-	383	-	389
3.750"	5.700"	4032 Mahle -26cc inv. dome	FF	9.0	8.6	7.8	-	383	385	-
3.750"	6.000"	4032 Icon -18cc inv. dome	FF	9.9	9.4	8.4	377	383	385	388
3.750"	5.700"	hyper. KB -18cc inv. dome	std	9.9	9.4	8.4	377	383	385	388
3.750"	5.700"	4032 Icon -18cc inv. dome	FF	9.9	9.4	8.4	377	383	385	388
3.750"	5.700"	4032 Mahle -16cc inv. dome	FF	10.0	9.4	8.4	-	383	385	388
3.750"	6.000"	4032 Mahle -16cc inv. dome	FF	10.0	9.4	8.4	-	383	385	388
3.750"	5.700"	Speed Pro -12cc inv. dome	std	10.4	9.8	8.7	377	383	385	388
3.750"	5.700"	Speed Pro -5cc flat top	std	11.2	10.5	9.3	377	383	385	388
3.750"	5.700"	hyper. KB -7cc flat top	std	11.2	10.5	9.3	377	383	385	388
3.750"	5.700"	4032 Mahle -5cc flat top	FF	11.3	10.5	9.3	377	383	385	388
3.750"	5.850"	4032 SRP -5cc flat top	FF	11.5	10.8	9.3	-	383	-	-
3.750"	6.000"	4032 Mahle -5cc flat top	FF	11.3	10.5	9.3	377	383	385	388
3.750"	5.700"	4032 Icon -3.7cc flat top	FF	11.7	10.9	9.6	377	383	385	388
3.750"	6.000"	4032 Icon -5cc flat top	FF	11.3	10.5	9.3	377	383	385	388
3.750"	5.700"	2618 SRP +7cc dome	FF	13.1	12.1	10.5	-	383	385	388
3.750"	6.000"	2618 Mahle +6cc dome	FF	13.0	12.0	10.5	-	383	385	388
3.750"	6.000"	2618 Mahle +11cc dome	FF	14.0	12.8	11.0	-	383	385	388
3.800"	5.850"	4032 Mahle -26cc inv. dome	FF	9.1	8.7	7.7	-	388	-	-
3.800"	5.850"	4032 Mahle -20cc inv. dome	FF	10.1	9.5	8.5	-	388	-	-
3.875"	6.000" extreme stroke ARP 2000	4032 Mahle -18cc inv. dome	FF	10.1	9.5	8.5	-	395	397	-
3.875"	6.000" extreme stroke ARP 2000	4032 Mahle -5cc flat top	FF	11.6	10.8	9.6	-	395	397	-

TOP
SELLER

LATE MODEL INTERNAL BALANCE FLEXPLATE

Internal balance for Chevy small block 1 piece rear seal including LT1.

Street use only - NOT SFI approved.

DESCRIPTION

168 tooth int. balance, 14 1/8" diameter
153 tooth int. balance, 12 7/8" diameter

PART NO.

FRA159ESP
FRA160ESP



GOOD
CAST CRANKSHAFT

'SIR' I-BEAM RODS
3/8" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS

Pump gas street car, no power adders

BETTER
FORGED 4140 STEEL CRANK

'FSI' I-BEAM RODS
7/16" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS

Pump gas performance, Mild power adder with forged piston only

BEST
FORGED 4340 STEEL CRANK

H-BEAM RODS
ARP 2000 or L19 bolt upgrade available

PREMIUM FORGED PISTONS

Competition use. Race gas, power adders OK.

UNBALANCED	INTERNALLY BALANCED	UNBALANCED	INTERNALLY BALANCED	UNBALANCED	INTERNALLY BALANCED
-	-	62129	B62129	12129	B12129
-	-	-	-	36100	B36100
-	-	62101	B62101	12101	B12101
-	-	62103	B62103	12103	B12103
-	-	62302L	B62302L	12302L	B12302L
-	-	62311L	B62311L	12311L	B12311L
-	-	62104	B62104	12104	B12104
-	-	62106	B62106	12106	B12106
-	-	-	-	36120	B36120
-	-	-	-	36130	B36130
-	-	62146	B62146	-	-
13323L	B13323L	62303L	B62303L	12303L	B12303L
13054L	B13054L	-	-	-	-
13324L	B13324L	62304L	B62304L	12304L	B12304L
13051L	B13051L	62107	B62107	12107	B12107
13052L	B13052L	62110	B62110	12110	B12110
-	B13454L	-	-	-	-
-	B13455L	-	-	-	-
13055L	B13055L	-	-	-	-
13056L	B13056L	62108	B62108	12108	B12108
-	-	-	-	12125	B12125
13057L	B13057L	62111	B62111	12111	B12111
13325L	B13325L	62305L	B62305L	12305L	B12305L
13326L	B13326L	62316L	B62316L	12316L	B12316L
-	-	62109	B62109	12109	B12109
-	-	62112	B62112	12112	B12112
-	-	62136	B62136	12136	B12136
13060L	B13060L	-	-	-	-
13061L	B13061L	-	-	-	-
-	-	-	-	12115	B12115
-	-	-	-	12113	B12113

All stock stroke cast cranks are OE balance (internal front, external rear). See page 15.

CHEVROLET 350 1PC REAR SEAL

CHEVROLET CIRCLE TRACK LIGHTWEIGHT

LIGHTWEIGHT RODS

bushed for full-floating .927" piston pin.
Weight-matched to +/- 1g
Alignment sleeves for precise cap location

SIR I-BEAM

3/8" ARP 8740 bolts
ARP 2000 upgrade
available



CRS H-BEAM

3/8" ARP 2000 bolts
Forged 4340 steel



2.100" ROD
JOURNALS

LENGTH	WEIGHT
5.700"	540
6.000"	545
6.125"	550
6.200"	555

PART NO.
SIR5700CM
-
-
-

PART NO.
CRS5700BLW
CRS6000BLW
CRS6125BLW
CRS6200BLW

2.000" ROD
JOURNALS

LENGTH	WEIGHT
5.700"	535
6.000"	545
6.125"	550

PART NO.
-
-
-

PART NO.
CRS5700SLW
CRS6000SLW
CRS6125SLW

1.889" ROD
JOURNALS

LENGTH	WEIGHT
6.200"	575
6.250"	580

PART NO.
-
-

PART NO.
CRS6200HJ
CRS6250HJ



Ronny Howard
Nesbit, MS

LIGHTWEIGHT CRANKS

Forged SAE 4340 steel.

Lightweight counterweight design.

.125" radiuses improve strength and rigidity.

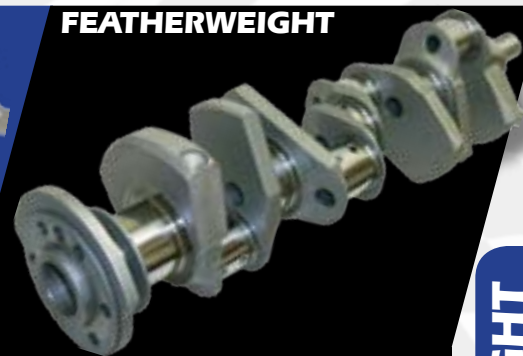
For use in naturally aspirated competition engines.

Weight listed is +/- 1 pound.

LIGHTWEIGHT



FEATHERWEIGHT



2 piece rear seal only!

2.100" ROD
JOURNALS

STROKE	MIN. ROD
3.350"	5.700"
3.480"	5.700"
3.480"	5.700"
3.500"	5.700"
3.550"	5.700"
3.750"	5.700"

BOBWEIGHT	PART NUMBER	WEIGHT
1820	4350335057LA	49
1750	4350348057LW	47
1820	4350348057LA	49
1820	4350350057LA	48
1820	4350355057LA	49
1820	4350375057LA	49

BOBWEIGHT	PART NUMBER	WEIGHT
-	-	-
-	-	-
1670	4350348057FW	46
1670	4350350057FW	46
-	-	-
-	-	-

2.000" ROD
JOURNALS

STROKE	MIN. ROD
3.480"	5.700"
3.500"	5.700"
3.750"	5.700"
3.875"	6.000"
4.000"	6.000"

BOBWEIGHT	PART NUMBER	WEIGHT
1850	4349348057LA	48
1850	4349350057LA	48
1850	4349375057LA	49
1850	4349387560LA	49
1850	4349400060LA	50

1.889" ROD
JOURNALS

STROKE	MIN. ROD
3.000"	5.700"
3.500"	5.700"
3.750"	5.700"

BOBWEIGHT	PART NUMBER	WEIGHT
1820	4348300057LA	48
-	-	-
1820	4348350057LA	48
1820	4348375057LA	49

BOBWEIGHT	PART NUMBER	WEIGHT
1650	4348300057FW	44
1650	4348335057FW	45
-	-	-
-	-	-

LIGHTWEIGHT ASSEMBLIES

Forged 4340 steel lightweight crankshaft.

Forged 4340 steel lightweight H-Beam rods.

3/8" ARP 2000 capscrew rod bolts.

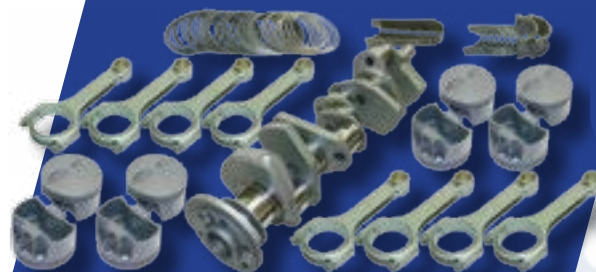
Forged pistons and plasma-moly file fit rings.

Performance racing bearings.

Designed for internal balance with no heavy metal needed.

Standard bore size is 4.000"

2 piece rear seal only!



STROKE	ROD	PISTON	58cc	64cc	76cc
3.480"	5.700"	4032 LW Mahle -2cc flat top	10.6	9.9	8.8
3.480"	6.000"	4032 LW Mahle -2cc flat top	10.6	9.9	8.8
3.480"	6.125"	4032 LW Mahle -2cc flat top	10.6	9.9	8.8
3.750"	6.000"	4032 LW Mahle -2cc flat top	12.0	10.9	9.6

DISPLACEMENT	030	040	060
355	356	360	
355	356	360	
355	356	360	
383	385	388	

UNBALANCED	LW CRANK	FW CRANK
17120	17220	
17121	17221	
17122	17222	
17130	-	

BALANCED	LW CRANK	FW CRANK
B17120	B17220	
B17121	B17221	
B17122	B17222	
B17130	-	

CHEVROLET 400

CHEVROLET 400

CONNECTING RODS

.927" pin size

Alignment sleeves for precise cap location

GOOD

SIR I-BEAM

Forged 5140 steel
3/8" ARP 8740 bolts
weight-matched +/- 2g
CNC sized big end
ARP 2000 upgrade available

BETTER

FSI I-BEAM

Forged 4340 steel
7/16" ARP 8740 bolts
weight-matched +/- 1g
Sized with Sunnen Krossgrinder
ARP 2000 upgrade available

BEST

CRS H-BEAM

Forged 4340 steel
7/16" ARP 8740 bolts

weight-matched +/- 1g
Sized with Sunnen Krossgrinder
ARP 2000 or L19 upgrade available



LENGTH	NOTES	"SIR" I-BEAM	WT.	"FSI" I-BEAM	WT.	"CRS" H-BEAM	WT.	w/ARP 2000	w/ARP L19
5.565"	-	-	-	-	-	CRS5565B3D	635	CRS5565B3D2000	CRS5565B3DL19
5.700"	press-fit	SIR5700BPLW	550	-	-	-	-	-	-
5.700"	-	SIR5700BBLW	550	FSI5700B	580	CRS5700B3D	630	CRS5700B3D2000	CRS5700B3DL19
5.850"	-	SIR5850BBLW	580	-	-	CRS5850B3D	630	CRS5850B3D2000	CRS5850B3DL19
5.950"	-	SIR5950BBLW	585	-	-	CRS5950B3D	650	CRS5950B3D2000	CRS5950B3DL19
6.000"	-	SIR6000BBLW	570	FSI6000B	605	CRS6000B3D	640	CRS6000B3D2000	CRS6000B3DL19
6.100"	-	-	-	-	-	CRS6100L3D	650	CRS6100L3D2000	CRS6100L3DL19
6.125"	-	SIR6125BBLW	600	-	-	CRS6125B3D	620	CRS6125B3D2000	CRS6125B3DL19
6.200"	-	SIR6200BBLW	610	-	-	CRS6200B3D	640	CRS6200B3D2000	CRS6200B3DL19
6.250"	-	SIR6250BBLW	615	-	-	CRS6250B3D	650	CRS6250B3D2000	CRS6250B3DL19
6.300"	-	-	-	-	-	CRS6300B3D	660	CRS6300B3D2000	CRS6300B3DL19

EXTREME STROKER RODS

CNC machined for extra cam clearance

Recommended for use with 3.875" or longer stroke

2.100" ROD JOURNALS



LENGTH	NOTES	"FSI" I-BEAM	WT.	"CRS" H-BEAM	WT.	w/ARP 2000	w/ARP L19
6.000"	CNC machined for extra cam clearance	FSI6000BST	600	CRS6000BST	650	CRS6000BST2000	-

CRANKSHAFTS

Bobweight listed is bobweight of crank when new +/- 2% GUARANTEED

GOOD



CAST STEEL

.092" radiuses
Excellent alternative to O.E. crankshaft.
Recommended for use in pump-gas street engines, no power-adders.

BEST



4340 STEEL

.125" radiuses
Recommended for use in competition engines, anything goes.

STROKE	MIN. ROD	NOTES
3.480"	5.700"	
3.750"	5.700"	external balance, some pistons will work with 5.565" rods
3.750"	5.700"	internal balance
3.800"	6.000"	
3.875"	6.000"	
4.000"	6.000"	
4.125"	6.000"	

PART NO.	BOBWEIGHT
-	-
104003750	1860
104003750571	1800
-	-
-	-
-	-
-	-

PART NO.	BOBWEIGHT
440034805700	1900
-	-
440037505700	1900
440038006000	1900
440038756000	1900
440040006000	1900
440041256000	1875

CHEVROLET 400

SPACER BEARINGS

Simple, effective way to use 350 crank in 400 block. Manufactured by King Bearings.
No machine work required. Install into block, then use 350 bearings inside spacers.



APPLICATION
use with Chevy 350 bearings in 400 block

PART NO.
King MB5224AM

EXTERNAL BALANCE ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use.

Assemblies balanced by Eagle require no additional balancing and include damper and flexplate.

Compression ratios calculated considering uncut block, 4.155" bore, & .040" head gasket thickness.

CAST CRANKSHAFT

'SIR' I-BEAM RODS
3/8" ARP 8740 bolts

HYPEREUTECTIC PISTONS
Pump gas street car, no power adders

STROKE	ROD	PISTON	RINGS	58cc	64cc	76cc
3.750"	5.700"	hyper. KB -30cc inv. dome	std	9.3	8.8	8.0
3.750"	5.700"	4032 Mahle -20cc inv. dome	FF	10.0	9.5	8.6
3.750"	6.000"	4032 Mahle -16cc inv. dome	FF	10.4	9.8	8.8
3.750"	5.700"	Speed Pro -6cc flat top	std	11.6	10.8	9.6
3.750"	5.700"	hyper. KB -7cc flat top	std	11.7	11.0	9.7
3.750"	5.700"	4032 Mahle -5cc flat top	FF	11.8	11.0	9.7
3.750"	6.000"	4032 Mahle -5cc flat top	FF	11.8	11.0	9.7

DISPLACEMENT			
000	030	040	060
-	407	409	413
401	407	409	-
-	407	409	-
401	407	409	413
-	407	409	413
401	407	409	-
401	407	409	-

UNBALANCED	BALANCED
13008	B13008
13012	B13012
13011	B13011
-	B13460
13010	B13010
13014	B13014
13015	B13015

TOP
SELLER



INTERNAL BALANCE CHEVY 400 SMALL BLOCK ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use. Assemblies balanced by Eagle require no additional balancing.

Assemblies include crank, rods, pistons, rings, and bearings (OE replacement bearings with cast crank, racing bearings with forged crank).

Designed for internal balance without heavy metal. Standard bore size is 4.125".

Heavy duty assemblies include rod bolt upgrade and application-specific pistons (see description).

Compression ratios calculated considering uncut block, 4.155" bore size, and .040" head gasket thickness.

STROKE	ROD	PISTON	RINGS	58cc	64cc	76cc	000	020	030	040	060
3.480	6.250"	2618 JE +6.2cc dome	FF	12.3	11.4	10.0	372	376	377	379	-
3.480"	6.000"	2618 Mahle +11cc dome	FF	13.2	12.1	10.5	372	-	377	379	-
3.500"	6.000"	2618 JE +13cc dome	FF	14.1	12.9	11.1	374	378	380	-	-
3.625"	6.000"	2618 JE +12.9cc dome	FF	14.6	13.3	11.4	388	391	393	-	-
3.750"	5.700"	2618 JE -36cc F.I. inv. dome	FF	8.7	8.3	7.6	401	-	407	-	-
3.750"	6.000"	2618 JE -28cc F.I. inv. dome	FF	9.3	8.8	8.0	401	-	407	409	-
3.750"	5.700"	4032 Mahle-20cc inv. dome	FF	10.0	9.5	8.6	401	-	407	409	-
3.750"	6.000"	4032 Mahle -16cc inv. dome	FF	10.4	9.8	8.8	401	-	407	409	-
3.750"	5.700"	Speed Pro -6cc flat top	std	11.6	10.8	9.6	401	-	407	409	413
3.750"	5.700"	4032 Mahle -5cc flat top	FF	11.8	11.0	9.7	401	-	407	409	-
3.750"	6.000"	4032 Mahle -5cc flat top	FF	11.8	11.0	9.7	401	-	407	409	-
3.750"	6.125"	2618 JE +6.2cc dome	FF	13.6	12.5	10.9	-	405	407	409	-
3.750"	5.700"	4032 Mahle +4cc dome	FF	13.2	12.2	10.6	401	-	407	409	-
3.750"	6.000"	2618 Mahle +4cc dome	FF	13.2	12.2	10.6	401	-	407	409	-
3.750"	6.000"	2618 JE +5.6cc dome	FF	13.5	12.4	10.8	401	405	407	409	-
3.750"	6.000"	2618 JE +10.8cc dome	FF	14.5	13.3	11.5	401	405	407	409	-
3.800"	6.000"	2618 JE +5.6cc dome	FF	13.6	12.6	11.0	-	-	412	414	-
3.800"	6.000"	2618 JE +10.8cc dome	FF	14.7	13.5	11.6	-	410	412	414	-
3.875"	*6.000"	4032 Mahle -22cc inv. dome	FF	10.1	9.6	8.7	414	-	420	422	-
3.875"	*6.000"	4032 Mahle -5cc flat top	FF	12.1	11.3	10.0	414	-	420	422	-
3.875"	*6.000"	2618 JE +5.6cc dome	FF	13.9	12.8	11.1	414	418	420	422	426
3.875"	6.000"	2618 JE +10.8cc dome	FF	15.0	13.7	11.8	414	418	420	422	-
4.000"	*6.000"	4032 Mahle -20cc inv. dome	FF	10.6	10.0	9.1	428	-	434	436	-
4.000"	*6.000"	4032 Mahle -5cc flat top	FF	12.5	11.7	10.3	428	-	434	436	-
4.000"	*6.000"	2618 JE -5cc flat top	FF	12.5	11.7	10.3	-	-	434	436	440
4.000"	*6.000"	4032 Mahle +4cc dome	FF	14.0	12.9	11.3	428	-	434	436	-
4.000"	*6.000"	2618 JE +6.2cc dome	FF	14.4	13.3	11.6	428	432	434	436	-
4.000"	6.000"	2618 JE +10.8cc dome	FF	15.4	14.1	12.2	428	432	434	436	-

TOP
SELLER

**GOOD****CAST CRANKSHAFT****'SIR' I-BEAM RODS**

3/8" ARP 8740 bolts

HYPEREUTECTIC PISTONS

Pump gas street car, no power adders

BETTER**FORGED 4340 STEEL CRANK****'FSI' I-BEAM RODS**

7/16" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS

Pump gas performance, Mild power adder with forged piston only

BEST**FORGED 4340 STEEL CRANK****H-BEAM RODS**

ARP 2000 or L19 bolt upgrade available

PREMIUM FORGED PISTONS

Competition use. Race gas, power adders OK.

	INTERNALLY BALANCED 400 MAINS	UNBALANCED		INTERNALLY BALANCED		UNBALANCED		INTERNALLY BALANCED	
		400 MAINS	350 MAINS	400 MAINS	350 MAINS	400 MAINS	350 MAINS	400 MAINS	350 MAINS
	-	-	-	-	-	12042	12142	B12042	B12142
	-	62507	62607	B62507	B62607	12507	12607	B12507	B12607
	-	-	-	-	-	-	12620	-	B12620
	-	-	-	-	-	-	12622	-	B12622
	-	-	-	-	-	35200	35150	B35200	B35150
	-	-	-	-	-	35210	35160	B35210	B35160
	-	62500	62600	B62500	B62600	12500	12600	B12500	B12600
	-	62508	62608	B62508	B62608	12508	12608	B12508	B12608
	B13470	-	-	-	-	-	-	-	-
	-	62501	62605	B62501	B62605	12501	12605	B12501	B12605
	-	62503	62603	B62503	B62603	12503	12603	B12503	B12603
	-	-	-	-	-	12043	12143	B12043	B12143
	-	62502	62602	B62502	B62602	12502	12602	B12502	B12602
	-	62504	62604	B62504	B62604	12504	12604	B12504	B12604
	-	-	-	-	-	35600	35500	B35600	B35500
	-	-	-	-	-	35610	35510	B35610	B35510
	-	-	-	-	-	35620	-	B35620	-
	-	-	-	-	-	35630	-	B35630	-
	-	-	-	-	-	12147	12046	B12147	B12046
	-	-	-	-	-	12032	12132	B12032	B12132
	-	-	-	-	-	35640	35540	B35640	B35540
	-	-	-	-	-	35650	35550	B35650	B35550
	-	-	-	-	-	12055	12155	B12055	B12155
	-	-	-	-	-	12056	12156	B12056	B12156
	-	-	-	-	-	12023	12117	B12023	B12117
	-	-	-	-	-	12057	12157	B12057	B12157
	-	-	-	-	-	35660	35560	B35660	B35560
	-	-	-	-	-	35670	35570	B35670	B35570

CHEVROLET 400



CHEVROLET LS

CONNECTING RODS

Forged 4340 steel
7/16" ARP 8740 bolts
weight-matched +/- 1g
Sized with Sunnen Krossgrinder
Alignment sleeves for precise cap location

BETTER

FSI I-BEAM

ARP 2000
upgrade
available



BEST

CRS H-BEAM



2.100" ROD JOURNALS

LENGTH	PIN SIZE	NOTES
6.100"	.927"	
6.100"	.945"	O.E. dimensions
6.125"	.927"	
6.460"	.927"	
6.560"	.927"	

"FSI" I-BEAM	WT.
-	-
-	-
FSI61250	610
-	-
-	-

PART NO.	WT.	w/ ARP 2000	w/ ARP L19
CRS6100L3D	650	CRS6100L3D2000	CRS6100L3DL19
CRS6100M3D	620	CRS6100M3D2000	CRS6100M3DL19
CRS612503D	620	CRS612503D2000	CRS612503DL19
-	645	CRS646003D2000	CRS646003DL19
-	650	CRS656003D2000	CRS656003DL19

1.889" ROD JOURNALS

LENGTH	PIN SIZE	NOTES
6.460"	.927"	
6.560"	.927"	

"FSI" I-BEAM	WT.
-	-
-	-

PART NO.	WT.	w/ ARP 2000	w/ ARP L19
-	645	CRS6460H3D2000	CRS6460H3DL19
-	650	CRS6560H3D2000	CRS6560H3DL19

CHEVROLET 4.8L, 5.3L, 5.7L LS1 ASSEMBLIES

Unbalanced assemblies **MUST** be balanced by qualified machine shop before use. Assemblies balanced by Eagle require no additional balancing.
Assemblies include crank, rods, pistons, rings, and racing bearings.

Heavy duty assemblies include rod bolt upgrade and application-specific pistons (see description).

Compression ratios calculated considering uncut block, 3.900" bore size, and .040" head gasket thickness.

4.8L, 5.3L, 5.7L LS1

STROKE	ROD	PISTON	61cc	66cc
3.622"	6.125"	2618 JE -20cc F/I inv. dome	9.1	8.7
3.622"	6.125"	2618 Mahle -16cc inv. dome	9.4	9.0
3.622"	6.125"	4032 Mahle -4cc flat top	11.0	10.5
4.000"	6.125"	2618 JE -30cc F/I inv. dome	8.6	8.3
4.000"	6.125"	4032 DSS -29cc inv. dome	8.6	8.3
4.000"	6.125"	4032 DSS -29cc inv. dome	8.6	8.3
4.000"	6.125"	2618 Mahle -26cc inv. dome	9.1	8.7
4.000"	6.125"	2618 JE -20cc F/I inv. dome	9.3	8.9
4.000"	6.125"	Mahle -16cc inv. dome	9.6	9.2
4.000"	6.125"	4032 DSS -15cc inv. dome	9.7	9.3
4.000"	6.125"	4032 DSS -15cc inv. dome	9.7	9.3
4.000"	6.125"	2618 JE -5cc heavy duty flat top	10.9	10.5
4.000"	6.125"	4032 DSS -5cc inv. dome	10.9	10.5
4.000"	6.125"	4032 DSS -5cc inv. dome	10.9	10.5
4.000"	6.125"	Mahle 0cc dome	10.9	10.9
4.000"	6.125"	4032 Mahle -6cc flat top	11.5	11.0
4.000"	6.125"	2618 JE +10cc nitrous dome	14.3	13.3
4.125"	6.125"	2618 Arias -4cc flat top	12.6	12.0

DISPLACEMENT										
3.780	3.800	3.810	3.820	3.898	3.900	3.903	3.905	3.913	4.000	
-	-	-	-	346	-	-	347	-	-	
-	-	-	-	-	-	-	347	-	-	
-	-	-	-	-	346	-	347	-	-	
-	-	-	-	346	-	-	347	-	-	
359	363	365	367	-	-	-	-	-	402	
-	-	-	-	382	382	383	383	385	-	
-	-	-	-	-	-	-	383	-	-	
-	-	-	-	382	-	-	383	-	-	
-	363	-	-	-	-	-	-	-	-	
359	363	365	367	-	-	-	-	-	402	
-	-	-	-	382	382	383	383	385	-	
-	-	-	-	382	-	-	383	-	-	
359	363	365	367	-	-	-	-	-	402	
-	-	-	-	382	382	383	383	385	-	
-	363	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	383	-	-	
-	-	-	-	-	382	-	383	-	402	
-	-	-	-	-	-	-	395	-	-	

TOP
SELLER

CRANKSHAFTS

Bobweight listed is bobweight of crank when new +/- 2% GUARANTEED

The O.E. crank does not use a crank key for the damper, but some aftermarket dampers and blower hubs do. For this reason, All Eagle LS cranks include a 5/16" keyway for the damper or blower hub.

STROKE	BOBWEIGHT	MIN. ROD	NOTES
3.622"	1800	6.100"	
4.000"	1800	6.125"	
4.125"	1800	6.125"	
4.250"	1800	6.460"	tall deck block
4.375"	call	6.460"	1.889" rod journal, tall deck block

58 tooth reluctor, long snout for dry sump oiling

STROKE	BOBWEIGHT	MIN. ROD	NOTES
4.000"	1800	6.125"	long snout
4.125"	1800	6.125"	long snout
4.250"	1800	6.460"	long snout, tall deck block
4.375"	call	6.460"	1.889" rod journal, tall deck block

BETTER

4140 STEEL

.125" radiuses
Recommended
for use in pump-
gas performance
engines, power-
adders OK.

BEST

4340 STEEL

.125" radiuses
Recommended
for use in
competition
engines,
anything goes.



24t RELUCTOR	58t RELUCTOR
-	-
534640006100	534740006100
-	-
-	-
-	-

24t RELUCTOR	58t RELUCTOR
434636226100	434736226100
434640006100	434740006100
434641256100	434741256100
434642506560	434742506560
434643756460	434743756460

58t RELUCTOR
442740006100
442741256100
442742506560
442743756460

CHEVROLET LS

BETTER

FORGED 4140 STEEL CRANK

'FSI' I-BEAM RODS
7/16" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS

Pump gas performance, Mild power
adder with forged piston only

BEST

FORGED 4340 STEEL CRANK

H-BEAM RODS

ARP 2000 or L19 bolt upgrade available

PREMIUM FORGED PISTONS

Competition use. Race gas, power adders OK.

UNBALANCED		BALANCED		UNBALANCED		BALANCED	
24 t	58 t	24 t	58 t	24 t	58 t	24 t	58 t
-	-	-	-	32911	32941	B32911	B32941
62900*	62916*	B62900*	B62916*	12900	12916	B12900	B12916
-	-	-	-	12902	12918	B12902	B12918
-	-	-	-	32913	32943	B32913	B32943
62702	62762	B62702	B62762	-	-	-	-
63702	63762	B63702	B63762	-	-	-	-
63906	63922	B63906	B63922	12906	12922	B12906	B12922
-	-	-	-	32914	32944	B32914	B32944
63881	63981	B63881	B63981	12881	12981	B12881	B12981
62704	62764	B62704	B62764	-	-	-	-
63704	63764	B63704	B63764	-	-	-	-
-	-	-	-	32915	32945	B32915	B32945
62700	62760	B62700	B62760	-	-	-	-
63700	63760	B63700	B63760	-	-	-	-
63880	63980	B63880	B63980	12880	12980	B12880	B12980
63912	63983	B63912	B63983	12912	12983	B12912	B12983
-	-	-	-	32916	32946	B32916	B32946
-	-	-	-	12808	-	B12808	-

*uses forged 4340 steel crank



CHEVROLET LS2, LQ4, LQ9 ASSEMBLIES

Unbalanced assemblies **MUST** be balanced by qualified machine shop before use. Assemblies balanced by Eagle require no additional balancing.

Assemblies include crank, rods, pistons, rings, and racing bearings.

Heavy duty assemblies include rod bolt upgrade and application-specific pistons (see description).

Compression ratios calculated considering uncut block, 4.030" bore size, and .040" head gasket thickness.

LS2, LQ4, LQ9

STROKE	ROD	PISTON	61cc	66cc	72cc	DISPLACEMENT			
						4.005	4.010	4.030	4.060
3.622"	6.125"	4032 Icon -5.5cc flat top	11.0	10.5	9.8	365	-	-	-
3.622"	6.125"	4032 Mahle -4cc flat top	11.0	10.5	9.8	365	366	370	-
3.622"	6.125"	2618 Diamond +10cc H.D. dome	13.5	12.8	12.0	-	-	408	-
4.000"	6.125"	2618 Arias -29cc inv. dome	9.6	9.1	8.5	403	-	408	414
4.000"	6.125"	2618 Mahle -28cc inv. dome	9.5	9.0	8.4	403	-	408	-
4.000"	6.125"	4032 DSS -29cc inv. dome	9.5	9.0	8.4	403	404	408	-
4.000"	6.125"	4032 DSS -29cc inv. dome	9.5	9.0	8.4	-	-	-	414
4.000"	6.125"	2618 Diamond -28cc F/I inv. dome	9.7	9.2	8.6	403	404	408	-
4.000"	6.125"	2618 Diamond -17cc inv. dome	10.7	10.2	9.7	403	404	408	-
4.000"	6.125"	4032 DSS -15cc inv. dome	10.9	10.4	9.8	403	404	408	-
4.000"	6.125"	4032 DSS -15cc inv. dome	10.9	10.4	9.8	-	-	-	414
4.000"	6.125"	4032 Mahle -12cc inv. dome	11.3	10.8	10.2	403	404	408	-
4.000"	6.125"	2618 JE -10cc inv. dome	11.4	10.9	10.3	403	404	408	-
4.000"	6.125"	4032 DSS -5cc flat top	12.1	11.5	10.8	403	404	408	-
4.000"	6.125"	4032 DSS -5cc flat top	12.1	11.5	10.8	-	-	-	414
4.000"	6.125"	2618 Arias -3.1cc flat top	12.4	11.8	11.0	403	-	408	-
4.000"	6.125"	4032 Mahle -4cc flat top	12.1	11.4	10.7	403	-	408	-
4.125"	6.125"	4032 DSS GSX -29cc inv. dome	9.8	9.3	8.7	403	404	408	414
4.125"	6.125"	4032 DSS GSX -15cc inv. dome	11.2	10.6	10.0	403	404	408	414
4.125"	6.125"	4032 DSS GSX -5cc flat top	12.2	11.5	10.8	403	404	408	414

TOP
SELLER

LS Head Castings

706, 852, 862	4.8L, 5.3L	61cc
243, 799	LS2, LS6, truck	64.5cc
706, 852, 862	4.8L, 5.3L	61cc
241, 853	LS1	67cc
806	LS1	69cc
035, 317, 373, 873	LQ4, LQ9	71cc
716, 821, 863	LS3, LSA	68cc
823, 5364, 2716	L92	68cc
8452	LS7	70cc

BETTER

FORGED 4140 STEEL CRANK

'FSI' I-BEAM RODS
7/16" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS

Pump gas performance, Mild power
adder with forged piston only

BEST



FORGED 4340 STEEL CRANK

H-BEAM RODS

ARP 2000 or L19 bolt upgrade available

PREMIUM FORGED PISTONS

Competition use. Race gas, power adders OK.

	UNBALANCED		BALANCED		UNBALANCED			BALANCED		
	24 t	58 t	24 t	58 t	24 t	58 t	58t + LONG SNOOT	24 t	58 t	58t + LONG SNOOT
	62820	62821	B62820	B62821	12710	12771	12721	B12710	B12771	B12721
	-	-	-	-	12902	12918	-	B12902	B12918	-
	-	-	-	-	32828	32829	32839	B32828	B32829	B32839
	-	-	-	-	12822	12823	12833	B12822	B12823	B12833
	-	-	-	-	12906	12922	12722	B12906	B12922	B12722
	62712	62722	B62712	B62722	-	-	-	-	-	-
	63712	63722	B63712	B63722	-	-	-	-	-	-
	-	-	-	-	32842	32833	32843	B32842	B32833	B32843
	-	-	-	-	32844	32835	32845	B32844	B32835	B32845
	62714	62774	B62714	B62774	-	-	-	-	-	-
	63714	63774	B63714	B63774	-	-	-	-	-	-
	-	-	-	-	12910	12926	12726	B12910	B12926	B12726
	-	-	-	-	12830	12831	12841	B12830	B12831	B12841
	62710	62770	B62710	B62770	-	-	-	-	-	-
	63710	63770	B63710	B63770	-	-	-	-	-	-
	-	-	-	-	12826	12827	12837	B12826	B12827	B12837
	-	-	-	-	12917	12930	12730	B12917	B12930	B12730
	-	-	-	-	12718	12778	12888	B12718	B12778	B12888
	-	-	-	-	12717	12777	12887	B12717	B12777	B12887
	-	-	-	-	12716	12776	12886	B12716	B12776	B12886



CHEVROLET LS3, L92, LSA ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use. Assemblies balanced by Eagle require no additional balancing. Assemblies include crank, rods, pistons, rings, and racing bearings.

Heavy duty assemblies include rod bolt upgrade and application-specific pistons (see description).

Compression ratios calculated considering uncut block, 4.065" bore size, and .040" head gasket thickness.

LS3 / L92/ LSA heads

STROKE	ROD	PISTON	68cc	72cc
3.622"	6.125"	2618 Mahle -12cc inv. dome	9.7	9.3
3.622"	6.125"	2618 Diamond +10cc H.D. dome	12.6	11.9
4.000"	6.125"	4032 DSS -29cc inv. dome	9.1	8.8
4.000"	6.125"	4032 DSS -29cc inv. dome	9.1	8.8
4.000"	6.125"	2618 Mahle -20/-25cc inv. dome	9.8	9.5
4.000"	6.125"	4032 DSS -15cc inv. dome	10.3	9.9
4.000"	6.125"	4032 DSS -15cc inv. dome	10.3	9.9
4.000"	6.125"	4032 SRP Pro -10cc inv. dome	10.8	10.4
4.000"	6.125"	4032 DSS -5cc flat top	11.4	11.0
4.000"	6.125"	4032 DSS -5cc flat top	11.4	11.0
4.000"	6.125"	4032 Mahle -4cc flat	11.6	11.1
4.000"	6.125"	2618 Diamond -2cc H.D. flat top	11.8	11.3
4.125"	6.125"	2618 Diamond -29cc F/I inv. dome	9.3	9.0
4.125"	6.125"	4032 Mahle -8cc flat top	11.4	10.9

DISPLACEMENT									
4.005	4.030	4.040	4.060	4.065	4.070	4.075	4.125	4.155	
365	-	-	-	-	377	-	-	-	
-	-	-	-	376	-	-	387	-	
403	408	410	-	-	-	-	-	-	
-	-	-	414	415	416	417	428	434	
403	408	-	414	415	416	417	428	434	
403	408	410	-	-	-	-	-	-	
-	-	-	414	415	416	417	428	434	
403	408	-	-	-	-	-	-	-	
403	408	410	-	-	-	-	-	-	
-	-	-	414	415	416	417	428	434	
403	408	-	-	415	416	-	-	-	
-	-	-	-	-	416	-	428	-	
-	-	-	-	-	429	-	441	-	
-	-	-	-	-	429	-	441	-	

CHEVROLET LS7, LSX ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use. Assemblies balanced by Eagle require no additional balancing. Assemblies include crank, rods, pistons, rings, and racing bearings.

Heavy duty assemblies include rod bolt upgrade and application-specific pistons (see description).

Compression ratios calculated considering uncut block, 4.125" bore size, and .040" head gasket thickness.

LS7, LSX, sleeved blocks

STROKE	ROD	PISTON	66cc	70cc
4.000"	6.125"	2618 Arias -29cc inv. dome	9.5	9.1
4.000"	6.125"	2618 Diamond -23cc F/I inv. dome	10.0	9.6
4.000"	6.125"	2618 Arias -4.5cc flat top	12.1	11.5
4.125"	6.125"	4032 Mahle -8cc inv. dome	11.9	11.4
4.125"	6.125"	2618 CP -4.6cc flat top	12.4	11.8
4.125"	6.125"	2618 CP +5cc dome	13.9	13.2

DISPLACEMENT			
4.125	4.130	4.135	4.155
428	-	-	-
428	430	-	-
428	-	-	-
441	-	-	-
441	442	442	447
-	442	442	447

BETTER

FORGED 4140 STEEL CRANK

'FSI' I-BEAM RODS 7/16" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS

Pump gas performance, Mild power adder with forged piston only

BEST

FORGED 4340 STEEL CRANK

H-BEAM RODS ARP 2000 or L19 bolt upgrade available

PREMIUM FORGED PISTONS Competition use. Race gas, power adders OK.

UNBALANCED		BALANCED		UNBALANCED		BALANCED	
24 t	58 t	24 t	58 t	24 t	58 t	24 t	58 t
62932	62940	B62932	B62940	12932	12940	B12932	B12940
-	-	-	-	32921	32951	B32921	B32951
62732	62792	B62732	B62792	-	-	-	-
63732	63792	B63732	B63792	-	-	-	-
62936	62944	B62936	B62944	12936	12944	B12936	B12944
62731	62791	B62731	B62791	-	-	-	-
63731	63791	B63731	B63791	-	-	-	-
-	-	-	-	12920	12950	B12920	B12950
62730	62790	B62730	B62790	-	-	-	-
63730	63790	B63730	B63790	-	-	-	-
62938	62946	B62938	B62946	12938	12946	B12938	B12946
-	-	-	-	32922	32952	B32922	B32952
-	-	-	-	12923	12953	B12923	B12953
62919	62952	B62919	B62952	12919	12952	B12919	B12952



FORGED 4340 STEEL CRANK

H-BEAM RODS ARP 2000 or L19 bolt upgrade available

PREMIUM FORGED PISTONS Competition use. Race gas, power adders OK.

UNBALANCED			BALANCED		
24 t	58 t	58t + LONG SNOOT	24 t	58 t	58t + LONG SNOOT
12822	12823	12833	B12822	B12823	B12833
32920	32950	32952	B32920	B32950	B32952
12826	12827	12837	B12826	B12827	B12837
12919	12952	12954	B12919	B12952	B12954
12828	12829	12839	B12828	B12829	B12839
12824	12825	12835	B12824	B12825	B12835



CHEVROLET 409

FORGED STEEL CRANKSHAFTS

Forged SAE 4340 steel with non-twist forging and multi-stage heat-treatment. Shot-peened, stress relieved, and nitrided for superior durability. Micropolished journals feature a 3 r.a. or better. .125" radiuses improve strength and rigidity. Chamfered or narrowed bearings required. Approximate weight is 70 pounds.

4340 STEEL



STROKE	BOBWEIGHT	MIN. ROD
4.000"	2350	6.135"

PART NO.
440940026135

ROTATING ASSEMBLIES

Forged 4340 steel crankshaft, forged 4340 steel H-Beam rods. 7/16" ARP 8740 capscrew rod bolts (ARP 2000 & L19 available). Forged 2618 Ross pistons and plasma-moly file fit rings and performance bearings. Designed for internal balance with no heavy metal needed. Order by actual bore size.

BETTER

FORGED 4340 STEEL CRANK

'FSI' I-BEAM RODS
7/16" ARP 8740 bolts

FORGED PISTONS
Pump gas street car,
no power adders

BEST

FORGED 4340 STEEL CRANK

H-BEAM RODS
ARP 2000 or L19 bolt
upgrade available

FORGED PISTONS
Competition use. Race gas,
power adders OK.

STROKE	ROD	PISTON	RINGS	C/R	DISPLACEMENT	
					4.342	4.375
4.000"	6.135"	2618 Ross +.365" dome	std.	10.5	474	480
4.000"	6.135"	2618 Ross +.365" Edelbrock dome	std.	10.5	474	480

UNBALANCED	INTERNALLY BALANCED
61800	B61800
61803	B61803

UNBALANCED	INTERNALLY BALANCED
11800	B11800
11803	B11803

CHEVROLET BIG BLOCK

CHEVY 396/402 BIG BLOCK ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use. Assemblies balanced by Eagle require no additional balancing. includes crank, rods, pistons, rings, and racing bearings. Compression ratios calculated considering uncut block, 4.155" bore, & .040" head gasket thickness. Standard bore size used is 4.125".

BETTER

FORGED 4340 STEEL CRANK

'FSI' I-BEAM RODS
7/16" ARP 8740 bolts

FORGED PISTONS
Pump gas street car,
no power adders

BEST

FORGED 4340 STEEL CRANK

H-BEAM RODS
ARP 2000 or L19 bolt
upgrade available

FORGED PISTONS
Competition use. Race gas,
power adders OK.

STROKE	ROD	PISTON	100cc	118cc	DISPLACEMENT			
					000	030	040	060
3.766"	6.135"	4032 ProTru 21cc closed ch. dome	10.1	N/A	403	409	-	-
3.766"	6.135"	4032 ProTru 38cc closed ch. dome	12.1	9.9	403	409	-	-
4.000"	6.135"	2618 Icon 18cc closed ch. dome	10.3	8.8	428	434	436	440
4.000"	6.135"	2618 Icon 27cc closed ch. dome	11.3	9.5	428	434	436	440
4.000"	6.135"	2618 Icon 43cc open ch. dome	N/A	11.1	426	434	436	440

UNBALANCED	INTERNALLY BALANCED
68202	B68202
68204	B68204
68205	B68205
68206	B68206
68207	B68207

UNBALANCED	INTERNALLY BALANCED
-	-
-	-
18305	B18305
18306	B18306
18307	B18307

CHEVROLET BIG BLOCK

CONNECTING RODS

.990" pin size
2.200" rod journal size.
Alignment sleeves for precise cap location

GOOD

SIR I-BEAM

Forged 5140 steel
3/8" ARP 8740 bolts
weight-matched +/- 2g
CNC sized big end
ARP 2000 upgrade available

BETTER

FSI I-BEAM

Forged 4340 steel
7/16" ARP 8740 bolts
weight-matched +/- 1g
Sized with Sunnen Krossgrinder
ARP 2000 upgrade available

BEST

CRS H-BEAM

Forged 4340 steel 7/16" ARP 8740 bolts weight-matched +/- 1g
Sized with Sunnen Krossgrinder ARP 2000 or L19 upgrade available



LENGTH	NOTES	"SIR" I-BEAM	WT.	"FSI" I-BEAM	WT.	PART NO.	w/ ARP 2000	w/ ARP L19	WEIGHT
6.135"	press-fit	SIR6135P	830	-	-	-	-	-	-
6.135"		SIR6135B	830	FSI6135	775	CRS61353D	CRS61353D2000	CRS61353DL19	765
6.385"		SIR6385B	840	FSI6385	785	CRS63853D	CRS63853D2000	CRS63853DL19	770
6.535"		-	-	-	-	CRS65353D	CRS65353D2000	CRS65353DL19	805
6.635"		-	-	-	-	CRS66353D	CRS66353D2000	CRS66353DL19	810
6.660"		-	-	-	-	-	CRS66603D2000	CRS66603DL19	820
6.700"		SIR6700B	865	-	-	CRS67003D	CRS67003D2000	CRS67003DL19	800
6.800"		SIR6800B	870	FSI6800	790	CRS68003D	CRS68003D2000	CRS68003DL19	805
7.100"		-	-	-	-	CRS71003D	CRS71003D2000	CRS71003DL19	830

CHEVROLET BIG BLOCK

CRANKSHAFTS

Bobweight listed is bobweight of crank new +/- 2% GUARANTEED
Designed for internal balance without heavy metal unless otherwise noted.

* external balance

^ 2420 bobweight

2 PIECE REAR SEAL

STROKE	BOBWEIGHT	MIN. ROD	NOTES
3.766"	2350	6.135"	
4.000"	2350	6.135"	
4.250"	2350	6.385"	
4.250"	2300	6.385"	center counterweights
4.375"	2300	6.385"	center counterweights
4.500"	2350	6.535"	center counterweights
4.625"	2400	6.660"	center counterweights
4.750"	2425	6.660"	center counterweights

1 PIECE REAR SEAL

STROKE	BOBWEIGHT	MIN. ROD	NOTES
4.000"	2350	6.135"	
4.250"	2350	6.385"	
4.250"	2300	6.385"	center counterweights
4.375"	2300	6.385"	center counterweights
4.500"	2350	6.535"	center counterweights

GOOD

CAST STEEL

.092" radiuses
Excellent alternative to O.E. crankshaft.
Recommended for use in pump-gas street engines, no power-adders.



BETTER

4140 STEEL

.125" radiuses
Recommended for use in pump-gas performance engines, power-adders OK.

BEST

4340 STEEL

.125" radiuses
Recommended for use in competition engines, anything goes.



PART NO.	WT.	PART NO.	WT.	PART NO.	WT.
-	-	-	-	439637666135	68
104544000*	63	-	-	445440026135	65
104544250*^	64	545442526385	78	445442546385	67
-	-	-	-	445442526385	74
-	-	-	-	445443756385	74
-	-	-	-	445445006535	76
-	-	-	-	450246256600	76
-	-	-	-	450247506600	77

PART NO.	WT.	PART NO.	WT.	PART NO.	WT.
104564000*	64	-	-	445640046135	69
104564250*^	65	-	-	445642546385	68
-	-	-	-	445642526385	77
-	-	-	-	445643756385	75
-	-	-	-	445645006535	77



CHEVY BIG BLOCK 2pc REAR SEAL ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use.

Assemblies balanced by Eagle require no additional balancing.

includes crank, rods, pistons, rings, and bearings (OE style bearings with cast crank, racing bearings with forged crank).

Heavy duty assemblies include rod bolt upgrade and application-specific pistons (see description).

Compression ratios calculated considering uncut block, 4.310" bore size, and .040" head gasket thickness.

Standard bore size is 4.250".

standard deck height (9.800"), open chamber heads

STROKE	ROD	PISTON	112cc	118cc	124cc
NEW! 3.766"	6.135"	4032 ProTru +21cc dome	9.5	9.1	8.6
3.766"	6.135"	4032 Icon +41cc dome	11.6	10.9	10.3
4.000"	6.385"	2618 F/I JE -14.5cc inv. dome	7.8	7.5	7.3
4.000"	6.135"	2618 F/I JE -3cc flat top	8.3	8.0	7.7
4.000"	6.385"	2618 F/I JE -3cc flat top	8.4	8.1	7.8
4.000"	6.135"	Speed Pro -2cc flat top	8.4	8.1	7.8
4.000"	6.135"	4032 Icon -3cc flat top	8.3	8.0	7.7
4.000"	6.135"	4032 Mahle -3cc flat top	8.4	8.1	7.8
4.000"	6.385"	4032 SRP -3cc flat top	8.4	8.1	7.8
4.000"	6.135"	hyper. KB +12cc dome	9.4	9.0	8.6
4.000"	6.385"	4032 SRP +17cc dome	9.8	9.3	8.9
4.000"	6.135"	4032 Icon +18.3cc dome	9.9	9.4	9.0
NEW! 4.000"	6.135"	4032 ProTru +21cc dome	10.0	9.5	9.1
TOP SELLER 4.000"	6.135"	Speed Pro +22cc dome	10.1	9.6	9.1
4.000"	6.135"	hyper. KB +25.5cc dome	10.5	10.0	9.5
4.000"	6.135"	2618 Mahle +28cc dome	10.7	10.2	9.7
4.000"	6.385"	2618 Mahle +28cc dome	10.7	10.2	9.7
NEW! 4.000"	6.385"	4032 ProTru +32cc dome	11.1	10.5	10.0
4.000"	6.135"	2618 Icon +38cc dome	11.7	11.0	10.4
NEW! 4.000"	6.385"	2618 JE +42cc dome	12.3	11.6	10.9
4.000"	6.135"	2618 Icon +43cc dome	12.4	11.7	10.9
4.000"	6.385"	2618 Mahle +48cc dome	13.2	12.3	11.6
4.000"	6.535"	2618 SRP +48cc dome	13.2	12.3	11.6
4.250"	6.385"	2618 F/I JE -3cc flat top	8.9	8.5	8.2
NEW! 4.250"	6.385"	4032 ProTru -3cc flat top	8.9	8.5	8.2
4.250"	6.385"	4032 Mahle -3cc flat top	8.9	8.5	8.2
4.250"	6.385"	hyper. KB -3cc flat top	8.9	8.5	8.2
TOP SELLER 4.250"	6.385"	4032 Mahle +18cc dome	10.4	9.9	9.5
NEW! 4.250"	6.385"	4032 ProTru +21cc dome	10.5	10.1	9.6
4.250"	6.385"	4032 Icon +23cc dome	10.8	10.3	9.8
4.250"	6.385"	2618 Mahle +43cc dome	13.2	12.4	11.7
4.250"	6.385"	2618 Mahle +43cc dome	13.2	12.4	11.7
4.250"	6.535"	2618 JE +44cc dome	13.3	12.5	11.8
4.375"	6.385"	4032 Mahle +18cc dome	11.1	10.6	10.1
4.375"	6.385"	4032 Mahle +41cc dome	14.0	13.1	12.3

DISPLACEMENT				
000	030	060	070	100
427	434	440	-	-
-	434	440	442	448
-	-	467	-	-
-	460	467	-	-
-	460	467	-	-
454	460	467	469	476
454	460	467	469	476
-	460	467	469	476
-	460	467	469	-
-	460	467	469	476
454	460	-	-	-
454	460	467	469	476
454	460	467	-	-
454	460	467	469	476
-	460	467	469	476
-	460	467	-	476
-	460	467	-	-
454	460	467	-	-
-	460	467	469	476
454	460	467	469	476
-	460	467	469	476
-	460	467	-	-
-	460	467	469	476
-	-	496	-	-
454	489	496	498	-
-	489	496	498	505
-	489	496	498	505
-	489	496	498	505
454	489	496	-	-
-	489	496	498	505
-	489	496	498	505
-	489	496	498	505
-	489	496	498	505
-	504	511	-	-
-	-	511	-	-

GOOD

'SIR' I-BEAM RODS
7/16" ARP 8740 bolts



CAST CRANKSHAFT

HYPEREUTECTIC or FORGED PISTONS

Pump gas street car, no power adders

BETTER

FORGED 4340 STEEL CRANK

'FSI' I-BEAM RODS
7/16" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS

Pump gas performance, Mild power adder with forged piston only

BEST

FORGED 4340 STEEL CRANK

H-BEAM RODS
ARP 2000 or L19 bolt upgrade available

PREMIUM FORGED PISTONS

Competition use, Race gas, power adders OK.

EXTERNALLY BALANCED	UNBALANCED	EXTERNALLY BALANCED	UNBALANCED	INTERNALLY BALANCED	UNBALANCED	INTERNALLY BALANCED
-	-	-	68209	B68209	-	-
-	-	-	68211	B68211	68311	B68311
-	-	-	-	-	35305	B35305
-	-	-	-	-	35310	B35310
-	-	-	-	-	35315	B35315
B18400	-	-	-	-	-	-
-	18331	B18331	61331	B61331	11321	B11321
-	18000	B18000	-	-	11000	B11000
-	18004	B18004	-	-	11004	B11004
-	18201	B18201	-	-	-	-
-	-	-	61327	B61327	11327	B11327
-	18320	B18320	18420	B18420	11420	B11420
-	18323	B18323	68323	B68323	-	-
B18401	-	-	-	-	-	-
-	18202	B18202	-	-	-	-
-	18002	B18002	-	-	11002	B11002
-	18005	B18005	-	-	11005	B11005
-	18328	B18328	61328	B61328	-	-
-	18325	B18325	61325	B61325	11325	B11325
-	-	-	-	-	35728	B35728
-	18326	B18326	61326	B61326	11326	B11326
-	-	-	-	-	11006	B11006
-	-	-	-	-	11007	B11007
-	-	-	-	-	35320	B35320
-	18329	B18329	61329	B61329	-	-
-	18020	B18020	F1011	BF1011	11011	B11011
-	18021	B18021	-	-	-	-
-	18022	B18022	F1012	BF1012	11012	B11012
-	18330	B18330	61330	B61330	-	-
-	18321	B18321	18421	B18421	11421	B11421
-	-	-	F1013	BF1013	11013	B11013
-	-	-	-	-	35700	B35700
-	-	-	-	-	35710	B35710
-	-	-	-	-	11014	B11014
-	-	-	-	-	11016	B11016



CHEVY BIG BLOCK 2pc REAR SEAL ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use.

Assemblies balanced by Eagle require no additional balancing.

includes crank, rods, pistons, rings, and bearings (OE style bearings with cast crank, racing bearings with forged crank).

Heavy duty assemblies include rod bolt upgrade and application-specific pistons (see description).

Compression ratios calculated considering uncut block, 4.310" bore size, and .040" head gasket thickness.

Standard bore size is 4.250".

standard deck height (9.800"), closed chamber heads

STROKE	ROD	PISTON	100cc	108cc	DISPLACEMENT			
					030	060	070	100
NEW! 3.766"	6.135"	4032 Icon +10.2cc closed dome	9.7	9.1	434	440	442	448
3.766"	6.135"	4032 Icon 28.2cc closed dome	11.5	10.6	434	440	442	448
4.000"	6.385"	2618 F/I JE -14.5cc inv. dome	8.4	8.0	-	467	-	-
4.000"	6.135"	2618 F/I JE -3cc flat top	9.2	8.6	460	467	-	-
4.000"	6.385"	2618 F/I JE -3cc flat top	9.2	8.6	460	467	-	-
4.000"	6.135"	Speed Pro -2cc flat top	9.2	8.6	460	467	469	476
4.000"	6.135"	4032 Icon -3cc flat top	9.2	8.6	460	467	469	476
4.000"	6.135"	4032 Mahle -3cc flat top	9.2	8.6	460	467	469	476
4.000"	6.385"	4032 SRP -3cc flat top	9.2	8.6	460	467	469	-
4.000"	6.135"	4032 SRP +14cc closed dome	10.5	9.8	460	467	469	-
4.000"	6.135"	4032 Icon +18cc closed dome	10.9	10.2	460	467	469	476
4.000"	6.135"	2618 Icon +27cc closed dome	12.0	11.0	460	467	469	476
NEW! 4.250"	6.385"	2618 F/I JE -3cc flat top	9.7	9.1	-	496	-	-
4.250"	6.385"	4032 ProTru -3cc flat top	9.7	9.1	489	496	498	-
4.250"	6.385"	4032 Mahle -3cc flat top	9.7	9.1	489	496	498	505
4.250"	6.385"	hyper. KB -3cc flat top	9.7	9.1	489	496	498	505
4.250"	6.385"	hyper KB +17cc closed dome	11.4	10.7	489	496	498	505

CHEVY TALL DECK BIG BLOCK ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use.

Assemblies balanced by Eagle require no additional balancing. Includes crank, rods, pistons, rings, and racing bearings.

Compression ratios calculated using 10.200" deck height, 4.310" bore size, and .040" head gasket thickness.

Standard bore size is 4.250". 2 piece rear seal only.

tall deck height (10.200"), open chamber heads

STROKE	ROD	PISTON	112cc	118cc	124cc	030	060	070	100
4.250"	6.535"	4032 SRP -3cc flat top	8.9	8.5	8.2	489	496	498	505
4.250"	6.535"	4032 SRP +17cc dome	10.3	9.8	9.4	489	496	498	-
4.250"	6.800"	4032 Mahle +18cc dome	10.7	10.2	9.7	489	496	498	505
4.250"	6.535"	2618 SRP +43cc dome	13.2	12.4	11.7	489	496	498	505
4.250"	6.800"	2618 Mahle +43cc dome	13.7	12.9	12.1	489	496	498	505
NEW! 4.500"	6.660"	4032 Mahle -3cc flat top	9.4	8.9	8.7	518	525	528	535
NEW! 4.500"	6.660"	4032 Mahle +18cc dome	10.9	10.4	9.9	518	525	528	535
NEW! 4.500"	6.660"	4032 Mahle +43cc dome	13.7	12.9	12.3	518	525	528	535
4.500"	6.700"	2618 SRP +48cc dome	15.4	14.3	13.4	518	525	528	535

**GOOD****CAST CRANKSHAFT****'SIR' I-BEAM RODS**
7/16" ARP 8740 bolts**HYPEREUTECTIC or FORGED PISTONS**
Pump gas street car, no power adders**BETTER****FORGED 4140 STEEL CRANK****'FSI' I-BEAM RODS**
7/16" ARP 8740 bolts**HYPEREUTECTIC or FORGED PISTONS**
Pump gas performance, Mild power adder with forged piston only**BEST****FORGED 4340 STEEL CRANK****H-BEAM RODS**
ARP 2000 or L19 bolt upgrade available**PREMIUM FORGED PISTONS**
Competition use. Race gas, power adders OK.

UNBALANCED	EXTERNALLY BALANCED	UNBALANCED	INTERNALLY BALANCED	UNBALANCED	INTERNALLY BALANCED
-	-	68208	B68208	68308	B68308
-	-	68210	B68210	68310	B68310
-	-	-	-	35305	B35305
-	-	-	-	35310	B35310
-	-	-	-	35315	B35315
-	B18400	-	-	-	-
18331	B18331	61331	B61331	11321	B11321
18000	B18000	-	-	11000	B11000
18004	B18004	-	-	11004	B11004
18001	B18001	-	-	11001	B11001
18322	B18322	61322	B61322	11322	B11322
18324	B18324	61324	B61324	11324	B11324
-	-	-	-	35320	B35320
18329	B18329	61329	B61329	-	-
18020	B18020	F1011	BF1011	11011	B11011
18021	B18021	-	-	-	-
18023	B18023	-	-	-	-

FORGED 4340 STEEL CRANK**H-BEAM RODS**
ARP 2000 or L19 bolt upgrade available**PREMIUM FORGED PISTONS**
Competition use. Race gas, power adders OK.

UNBALANCED	INTERNALLY BALANCED
11508	B11508
11509	B11509
11512	B11512
11510	B11510
11513	B11513
11514	B11514
11515	B11515
11516	B11516
11518	B11518



CHEVY BIG BLOCK 1pc REAR SEAL ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use.

Assemblies balanced by Eagle require no additional balancing.

includes crank, rods, pistons, rings, and bearings (OE style bearings with cast crank, racing bearings with forged crank).

Heavy duty assemblies include rod bolt upgrade and application-specific pistons (see description).

Compression ratios calculated considering uncut block, 4.310" bore size, and .040" head gasket thickness.

Standard bore size is 4.250".

standard deck height (9.800"), open chamber heads

STROKE	ROD	PISTON	112cc	118cc	124cc	DISPLACEMENT			
						030	060	070	100
4.000"	6.385"	2618 F/I JE -14.5cc inv. dome	7.8	7.5	7.3	-	467	-	-
4.000"	6.135"	2618 F/I JE -3cc flat top	8.3	8.0	7.7	460	467	-	-
4.000"	6.385"	2618 F/I JE -3cc flat top	8.4	8.1	7.8	460	467	-	-
4.000"	6.135"	Speed Pro -2cc flat top	8.4	8.1	7.8	460	467	469	476
4.000"	6.135"	4032 Icon -3cc flat top	8.3	8.0	7.7	460	467	469	476
4.000"	6.135"	4032 Mahle -3cc flat top	8.4	8.1	7.8	460	467	469	476
4.000"	6.385"	4032 SRP -3cc flat top	8.4	8.1	7.8	460	467	469	-
4.000"	6.135"	hyper. KB +12cc dome	9.4	9.0	8.6	460	467	469	476
4.000"	6.385"	4032 SRP +17cc dome	9.8	9.3	8.9	460	-	-	-
4.000"	6.135"	4032 Icon +18.3cc dome	9.9	9.4	9.0	460	467	469	476
4.000"	6.135"	4032 ProTru +21cc dome	10.0	9.5	9.1	460	467	-	-
4.000"	6.135"	Speed Pro +22cc dome	10.1	9.6	9.1	460	467	469	476
4.000"	6.135"	hyper. KB +25.5cc dome	10.5	10.0	9.5	460	467	469	476
4.000"	6.135"	2618 Mahle +28cc dome	10.7	10.2	9.7	460	467	-	476
4.000"	6.385"	2618 Mahle +28cc dome	10.7	10.2	9.7	460	467	-	-
4.000"	6.385"	4032 ProTru +32cc dome	11.1	10.5	10.0	460	467	-	-
4.000"	6.135"	2618 Icon +38cc dome	11.7	11.0	10.4	460	467	469	476
4.000"	6.385"	2618 JE +42cc dome	12.3	11.6	10.9	460	467	469	476
4.000"	6.135"	2618 Icon +43cc dome	12.4	11.7	10.9	460	467	469	476
4.000"	6.385"	2618 Mahle +48cc dome	13.2	12.3	11.6	460	467	-	-
4.000"	6.535"	2618 SRP +48cc dome	13.2	12.3	11.6	460	467	469	476
4.250"	6.385"	2618 F/I JE -3cc flat top	8.9	8.5	8.2	-	496	-	-
4.250"	6.385"	4032 ProTru -3cc flat top	8.9	8.5	8.2	489	496	498	-
4.250"	6.385"	4032 Mahle -3cc flat top	8.9	8.5	8.2	489	496	498	505
4.250"	6.385"	hyper. KB -3cc flat top	8.9	8.5	8.2	489	496	498	505
4.250"	6.385"	4032 Mahle +18cc dome	10.4	9.9	9.5	489	496	498	505
4.250"	6.385"	4032 ProTru +21cc dome	10.5	10.1	9.6	489	496	-	-
4.250"	6.385"	4032 Icon +23cc dome	10.8	10.3	9.8	489	496	498	505
4.250"	6.385"	2618 Mahle +43cc dome	13.2	12.4	11.7	489	496	498	505
4.250"	6.385"	2618 Mahle +43cc dome	13.2	12.4	11.7	489	496	498	505
4.250"	6.535"	2618 JE +44cc dome	13.3	12.5	11.8	489	496	498	505
4.375"	6.385"	4032 Mahle +18cc dome	11.1	10.6	10.1	504	511	-	-
4.375"	6.385"	4032 Mahle +41cc dome	14.0	13.1	12.3	-	511	-	-

NEW!

NEW!

NEW!

TOP
SELLER

NEW!

GOOD
CAST CRANKSHAFT

'SIR' I-BEAM RODS
7/16" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS
Pump gas street car, no power adders

BETTER
FORGED 4340 STEEL CRANK

'FSI' I-BEAM RODS
7/16" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS
Pump gas performance, Mild power adder with forged piston only

BEST
FORGED 4340 STEEL CRANK

H-BEAM RODS
ARP 2000 or L19 bolt upgrade available

PREMIUM FORGED PISTONS
Competition use, Race gas, power adders OK.

UNBALANCED	EXTERNALLY BALANCED	UNBALANCED	INTERNALLY BALANCED	UNBALANCED	INTERNALLY BALANCED
-	-	-	-	35305L	B35305L
-	-	-	-	35310L	B35310L
-	-	-	-	35315L	B35315L
-	B18400L	-	-	-	-
18331	B18331L	61331L	B61331L	11321L	B11321L
18000	B18000L	-	-	11100	B11100
18004	B18004L	-	-	11102	B11102
18201	B18201L	-	-	-	-
-	-	61327L	B61327L	11327L	B11327L
18320	B18320L	18420L	B18420L	11420L	B11420L
18323	B18323L	68323L	B68323L	-	-
-	B18401L	-	-	-	-
18202	B18202L	-	-	-	-
18002	B18002L	-	-	11106	B11106
18005	B18005L	-	-	11107	B11107
18328	B18328L	61328L	B61328L	-	-
18325	B18325L	61325L	B61325L	11325	B11325
-	-	-	-	35728L	B35728L
18326	B18326L	61326L	B61326L	11326	B11326
-	-	-	-	11109	B11109
-	-	-	-	11110	B11110
-	-	-	-	35320L	B35320L
18329	B18329L	61329L	B61329L	-	-
18020	B18020L	-	-	11111	B11111
18021	B18021L	-	-	-	-
18022	B18022L	61113	B61113	11113	B11113
18330	B18330L	61330L	B61330L	-	-
18321	B18321L	18421L	B18421L	11421L	B11421L
-	-	61114	B61114	11114	B11114
-	-	-	-	35700L	B35700L
-	-	-	-	35710L	B35710L
-	-	-	-	11115	B11115
-	-	-	-	11116	B11116



CHEVY BIG BLOCK 502 ROTATING ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use.

Assemblies balanced by Eagle require no additional balancing. Includes crank, rods, pistons, rings, and racing bearings.

Heavy duty assemblies include rod bolt upgrade and application-specific pistons (see description).

Compression ratios calculated considering uncut block, 4.530" bore size, and .040" head gasket thickness. Standard bore size is 4.470".

standard deck height (9.800")

STROKE	ROD	PISTON	112cc	118cc	124cc
4.000"	6.385"	2618 JE -28cc F/I inv. dome	7.8	7.5	7.3
4.000"	6.135"	2618 JE -11.5cc inv. dome	8.6	8.3	8.0
NEW! 4.000"	6.135"	4032 ProTru -3cc flat top	9.1	8.7	8.4
4.000"	6.135"	4032 Mahle -3cc flat top	9.1	8.7	8.4
4.000"	6.135"	4032 SRP +17cc dome	10.5	10.0	9.6
4.000"	6.385"	4032 SRP +17cc dome	10.5	10.0	9.6
4.000"	6.135"	2618 SRP +41cc dome	13.2	12.4	11.7
4.000"	6.385"	2618 SRP +41/+39cc dome	13.0	12.3	11.6
4.250"	6.385"	2618 JE -20cc F/I inv. dome	8.6	8.3	8.0
4.250"	6.385"	4032 Mahle/SRP -3cc flat top	9.6	9.2	8.9
NEW! 4.250"	6.385"	4032 SRP +10cc dome	10.7	10.2	9.8
4.250"	6.385"	4032 ProTru +15cc dome	11.0	10.5	10.0
NEW! 4.250"	6.535"	2618 JE +29.9cc nitrous dome	12.5	11.8	11.2
4.250"	6.385"	2618 JE +37cc dome	13.4	12.6	11.9
4.250"	6.535"	2618 JE +40cc dome	13.8	13.0	12.3
NEW! 4.250"	6.535"	2618 JE +46cc gas ported dome	14.7	13.8	13.0
NEW! 4.375"	6.385"	4032 ProTru +12/+8cc dome	11.2	10.6	10.2
4.375"	6.535"	2618 Mahle +40cc dome	14.6	13.7	13.0
NEW! 4.375"	6.535"	2618 JE +46cc gas ported dome	15.6	14.6	13.7
4.375"	6.385"	2618 Mahle +47cc dome	16.0	15.0	14.1

DISPLACEMENT					
4.470	4.500	4.530	4.560	4.600	4.625
-	509	516	523	532	
-	509	516	-	-	
502	509	516	-	-	-
502	509	516	-	-	
502	509	516	-	-	
502	509	516	-	-	
502	509	516	-	-	
-	509	516	523	532	
-	541	548	555	565	
534	541	-	555	565	
534	541	548	-	-	-
-	541	548	-	-	-
-	-	-	-	565	571
-	541	548	555	565	
-	541	548	555	565	
-	-	-	555	565	571
-	557	564	-	582	588
-	-	-	-	582	588
-	-	-	572	582	588
-	-	-	-	582	588

tall deck height (10.200")

STROKE	ROD	PISTON	112cc	118cc	124cc
4.250"	6.535"	2618 JE -20cc inv. dome	8.6	8.3	8.0
4.250"	6.535"	4032 SRP -3cc flat top	9.6	9.2	8.9
4.250"	6.800"	4032 SRP +10cc dome	10.9	10.4	9.9
4.250"	6.800"	2618 SRP +36/+33cc dome	13.8	13.0	12.2
NEW! 4.375"	6.700"	2618 JE +44cc nitrous dome	15.0	14.1	13.3
4.500"	6.535"	2618 JE -28cc F/I inv. dome	8.6	8.4	8.1
NEW! 4.500"	6.660"	4032 Mahle -3cc flat top	10.1	9.7	9.3
NEW! 4.500"	6.660"	4032 Mahle +18cc dome	11.8	11.3	10.8
4.500"	6.535"	2618 JE +42cc dome	14.9	13.9	13.2
4.500"	6.800"	2618 Mahle +42cc dome	14.8	13.9	13.1
4.500"	6.800"	2618 Mahle +47cc dome	15.6	14.6	13.8
NEW! 4.625"	6.800"	2618 JE +46cc gas ported dome	15.9	14.9	14.1
4.625"	6.800"	2618 JE +49cc dome	16.5	15.4	14.5
4.750"	6.700"	2618 JE -3cc flat top	11.2	10.7	10.3
4.750"	6.660"	4032 Mahle -3cc flat top	11.8	11.3	10.8
NEW! 4.750"	6.700"	2618 JE +29cc nitrous dome	14.6	13.8	13.1
4.750"	6.700"	2618 Mahle +42cc dome	16.7	15.7	14.7
4.750"	6.700"	2618 Mahle +47cc dome	17.8	16.5	15.5

DISPLACEMENT						
4.470	4.500	4.530	4.560	4.600	4.610	4.625
-	541	-	555	565	-	-
-	541	548	-	-	-	-
534	541	548	555	-	-	-
534	541	548	555	565	-	-
-	-	-	-	582	-	-
-	573	580	588	598	-	605
-	573	580	-	598	-	-
-	573	580	588	598	-	-
-	573	580	588	598	-	605
-	-	-	-	598	-	605
-	-	-	-	598	-	605
-			604	615	618	623
-	589	596	604	615	-	623
-	-	-	-	632	-	638
-	604	-	-	632	-	-
-	-	-	-	632	634	638
-	-	-	-	632	-	638
-	-	-	-	632	-	638

BETTER

FORGED 4340 STEEL CRANK

BEST

FORGED 4340 STEEL CRANK

'FSI' I-BEAM RODS
7/16" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS
Pump gas performance, Mild power adder with forged piston only



H-BEAM RODS
ARP 2000 or L19 bolt upgrade available

PREMIUM FORGED PISTONS

Competition use. Race gas, power adders OK.

2pc REAR SEAL	
UNBALANCED	BALANCED
-	-
-	-
61609	B61609
-	-
-	-
-	-
-	-
-	-
-	-
-	-
61610	B61610
-	-
-	-
-	-
-	-
61611	B61611
-	-
-	-
-	-

1pc REAR SEAL	
UNBALANCED	BALANCED
-	-
-	-
61132	B61132
-	-
-	-
-	-
-	-
-	-
-	-
-	-
61133	B61133
-	-
-	-
-	-
-	-
61134	B61134
-	-
-	-
-	-

2pc REAR SEAL	
UNBALANCED	BALANCED
35400	B35400
11616	B11616
-	-
11600	B11600
11601	B11601
11605	B11605
11603	B11603
11606	B11606
35410	B35410
11610	B11610
11621	B11621
-	-
35725	B35725
35720	B35720
35730	B35730
35726	B35726
-	-
35742	B35742
35727	B35727
35740	B35740

1pc REAR SEAL	
UNBALANCED	BALANCED
35400L	B35400L
11127	B11127
-	-
11128	B11128
11150	B11150
11133	B11133
11134	B11134
11135	B11135
35410L	B35410L
11137	B11137
11121	B11121
-	-
35725L	B35725L
35720L	B35720L
35730L	B35730L
35726L	B35726L
-	-
35742L	B35742L
35727L	B35727L
35740L	B35740L

2pc REAR SEAL	
UNBALANCED	BALANCED
11917	B11917
11910	B11910
11913	B11913
11914	B11914
35728	B35728
35752	B35752
11920	B11920
11921	B11921
35753	B35753
35750	B35750
35751	B35751
35755	B35755
35754	B35754
35756	B35756
11624	B11624
35757	B35757
35850	B35850
35851	B35851

1pc REAR SEAL	
UNBALANCED	BALANCED
11147	B11147
11148	B11148
11150	B11150
11152	B11152
35728L	B35728L
35752L	B35752L
11920L	B11920L
11921L	B11921L
35753L	B35753L
35750L	B35750L
35751L	B35751L
-	-
35754	B35754
-	-
-	-
-	-
-	-
-	-

CHEVY 502 ASSEMBLIES



CHRYSLER 4 CYL

H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging.
3/8" ARP 2000 rod bolts, unless otherwise noted.
Alignment sleeves for precise cap location.
Sizing performed with Sunnen Krossgrinding system.
Weight-matched to +/- 1g.
Recommended for competition use up to 900hp.

CRS H-BEAM

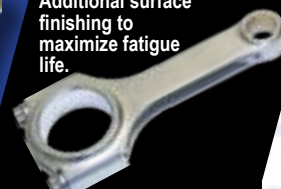
3/8" ARP 2000 bolts



EXTREME DUTY

3/8" ARP 625+ bolts

Additional surface finishing to maximize fatigue life.



ENGINE	LENGTH	WEIGHT	PIN SIZE	NOTES
2.0	5.472"	535	21mm	all Neon SOHC & DOHC
2.0 long rod	5.608"	550	21mm	requires custom piston
2.4 SRT4	5.945"	575	22mm	

CRS H-BEAM

CRS5472N3D

CRS5608N3D

CRS5945D3D

EXTREME DUTY

CRS5472NXD

-

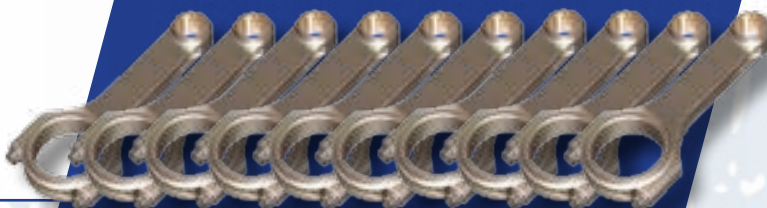
CRS5945DXD

CHRYSLER 8.0L V10

4340 STEEL H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging.
7/16" ARP rod bolts, .984" pin size.
Alignment sleeves for precise cap location.
Sizing performed with Sunnen Krossgrinding system.
Weight-matched to +/- 1g. Will not fit 8.3L V10
Recommended for competition use.

CRS H-BEAM



ENGINE	LENGTH	WEIGHT
8.0L V10	6.123"	680

"CRS" H-BEAM

w/ARP 2000

w/ARP L19

CRS6123D10

CRS6123D102000

CRS6123D10L19

CHRYSLER LATE MODEL HEMI

4340 STEEL H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging.
7/16" ARP 8740 rod bolts (ARP 2000 and L19 available).
Alignment sleeves for precise cap location.
Sizing performed with Sunnen Krossgrinding system.
Weight-matched to +/- 1g.
Recommended for competition use.

CRS H-BEAM



ENGINE	LENGTH	WEIGHT	JOURNAL	PIN SIZE
5.7L/6.1L	6.243"	640	2.125"	.927"
5.7L/6.1L	6.243"	640	2.125"	.945"
stroker	6.125"	660	2.000"	.927"

"CRS" H-BEAM

w/ARP 2000

w/ARP L19

CRS6243H3D

CRS6243H3D2000

CRS6243H3DL19

CRS6243C3D

CRS6243C3D2000

CRS6243C3DL19

CRS6125S03D

CRS6125S03D2000

CRS6125S03DL19

CHRYSLER LATE MODEL HEMI



FORGED STEEL CRANKSHAFTS

Forged SAE 4340 steel with non-twist forging and multi-stage heat-treatment.
Shot-peened, stress relieved, and nitrided for superior durability.
Micropolished journals feature a 3 r.a. or better.
.125" radiuses improve strength and rigidity. Chamfered or narrowed bearings required.
Approximate weight is 65 pounds.



APPLICATION	STROKE	BOBWEIGHT	MIN. ROD LENGTH	NOTES
32 tooth reluctor	4.050"	1780	6.125"	2.000" rod journals
58 tooth reluctor	4.050"	1780	6.125"	2.000" rod journals

PART NO.
439240506125
439340506125

COMPETITION ASSEMBLIES

Forged 4340 steel crankshaft, forged 4340 steel H-Beam rods with 7/16" ARP 8740 rod bolts (ARP 2000 & L19 available)
Forged pistons and plasma-moly file fit rings and performance bearings.
Standard bore sizes: 5.7L - 3.917", 6.1L - 4.055", 6.4L - 4.090"
Engines equipped with variable valve timing require a spacer behind crank gear.
Use Arrington part number API-SPCR-A.



5.7L, 32t (up to 2008)

STROKE	ROD	PISTON	68cc	74cc	85cc
4.050"	6.125"	2618 Diamond -6.3cc inv. dome	10.4	9.9	9.0
4.050"	6.125"	4032 Mahle -2cc flat top	11.1	10.5	9.4
4.050"	6.125"	2618 Diamond 6.3cc dome	12.1	11.4	10.1
4.050"	6.125"	4032 Mahle 6cc dome	12.2	11.5	10.2
4.050"	6.125"	2618 Diamond 11.5cc dome	12.9	12.1	10.6

DISPLACEMENT		
3.927	3.937	3.947
392	394	396
392	394	396
392	394	396
392	-	396
392	394	396

UNBALANCED	BALANCED
23112	B23112
23150	B23150
23111	B23111
23100	B23100
23110	B23110

5.7L, 58t (2009 and up)

STROKE	ROD	PISTON	68cc	74cc	85cc
4.050"	6.125"	2618 Diamond -6.3cc inv. dome	10.4	9.9	9.0
4.050"	6.125"	4032 Mahle -2cc flat top	11.1	10.5	9.4
4.050"	6.125"	2618 Diamond 6.3cc dome	12.1	11.4	10.1
4.050"	6.125"	4032 Mahle 6cc dome	12.2	11.5	10.2
4.050"	6.125"	2618 Diamond 11.5cc dome	12.9	12.1	10.6

DISPLACEMENT		
3.927	3.937	3.947
392	394	396
392	394	396
392	394	396
392	-	396
392	394	396

UNBALANCED	BALANCED
23212	B23212
23250	B23250
23211	B23211
23200	B23200
23210	B23210

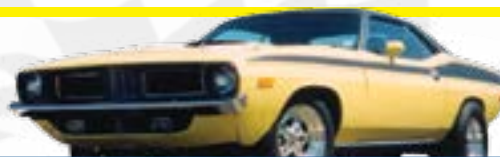
6.1L, 32t only

STROKE	ROD	PISTON	68cc	74cc	85cc
4.050"	6.125"	2618 Diamond -26.5cc inv. dome	9.2	8.8	8.1
4.050"	6.125"	2618 Diamond -13.1cc inv. dome	10.3	9.8	9.0
4.050"	6.125"	4032 Mahle -12cc inv. dome	10.5	10.0	9.1
4.050"	6.125"	2618 Diamond -2.4cc flat top	11.5	10.9	9.8

DISPLACEMENT			
4.060	4.070	4.080	4.090
420	422	424	426
420	422	424	426
421*	-	424	426
420	422	424	426

UNBALANCED	BALANCED
23301	B23301
23302	B23302
23300	B23300
23304	B23304

* 4.065" bore



CHRYSLER SMALL BLOCK

CONNECTING RODS

.984" pin size

Alignment sleeves for precise cap location

GOOD

SIR I-BEAM

Forged 5140 steel
3/8" ARP 8740 bolts
weight-matched +/- 2g
CNC sized big end
ARP 2000 upgrade available

BEST

7/16" ARP 8740 bolts
weight-matched +/- 1g

CRS H-BEAM

Forged 4340 steel

Sized with Sunnen Krossgrinder
ARP 2000 or L19 upgrade available



LENGTH	NOTES
6.123"	O.E. dimensions

"SIR" I-BEAM	WT.
SIR6123CB	605

"CRS" H-BEAM	WT.	w/ARP 2000	w/ARP L19
CRS6123C3D	680	CRS6123C3D2000	CRS6123C3DL19

ROTATING ASSEMBLIES

Unbalanced assemblies **MUST** be balanced by qualified machine shop before use.
Assemblies balanced by Eagle require no additional balancing.

Includes crank, rods, pistons, rings, & bearings (OE replacement bearings with cast crank, racing bearings with forged crank).

Compression ratios calculated considering uncut block, +.030" bore size, and .040" head gasket thickness.

318 block, standard bore 3.910"

NEW!

STROKE	ROD	PISTON	RINGS	60cc	65cc	70cc
3.310"	6.123"	4032 ProTru -5cc flat top	FF	10.2	9.6	9.1
4.000"	6.123"	2618 Icon -23cc inv. dome	FF	9.5	9.1	8.8
4.000"	6.123"	2618 Icon -4.7cc flat top	FF	12.1	11.4	10.8

DISPLACEMENT

000	030	040	060
318	323	-	-
-	390	392	396
-	390	392	396

340 block, standard bore 4.040"

NEW!

STROKE	ROD	PISTON	RINGS	60cc	65cc	70cc
3.310	6.123"	hyper KB -6cc flat top	FF	10.2	9.6	9.1
3.310	6.123"	4032 Icon -7cc flat top	FF	10.1	9.6	9.1
3.310"	6.123"	4032 Mahle -5cc flat top	FF	10.2	9.6	9.1
4.000"	6.123"	2618 Mahle -28cc inv. dome	FF	9.5	9.1	8.8
4.000"	6.123"	2618 Mahle -5cc flat top	FF	12.1	11.4	10.8

DISPLACEMENT

000	030	040	060
339	345	346	350
339	345	346	-
339	345	-	-
410	416	-	-
410	416	-	-

360 block, standard bore 4.000"

NEW!

NEW!

NEW!

STROKE	ROD	PISTON	RINGS	60cc	65cc	70cc
3.580"	6.123"	hyper KB -18cc inv. dome	FF	9.4	9.0	8.6
3.580"	6.123"	4032 Icon -7cc flat top	FF	10.6	10.1	9.5
3.580"	6.123"	4032 Mahle -5cc flat top	FF	10.8	10.2	9.7
3.580"	6.123"	hyper KB -5cc flat top	FF	10.9	10.3	9.7
3.580"	6.123"	hyper KB 2.8cc quench dome	FF	11.2	10.5	10.0
4.000"	6.123"	2618 Mahle -28cc inv. dome	FF	9.4	9.0	8.7
4.000"	6.123"	4032 Icon -23cc inv. dome	FF	9.6	9.2	8.8
4.000"	6.123"	hyper KB -23.5cc inv. dome	FF	9.9	9.4	9.1
4.000"	6.123"	2618 Icon -20.5cc inv. dome	FF	10.2	9.7	9.3
4.000"	6.123"	4032 Icon -13cc inv. dome	FF	10.6	10.1	9.6
4.000"	6.123"	4032 Mahle -16cc inv. dome	FF	10.6	10.1	9.6
4.000"	6.123"	4032 Mahle -5cc flat top	FF	12.0	11.3	10.7

DISPLACEMENT

000	030	040	060	070	080
360	365	367	371	-	-
360	365	367	371	-	-
-	365	367	371	-	-
-	365	367	371	-	-
360	365	367	371	-	-
-	408	410	414	-	-
402	408	410	414	416	418
402	408	410	414	-	-
402	408	410	414	416	418
402	408	410	414	416	418
-	408	410	414	-	-
-	408	410	414	-	-

CRANKSHAFTS

Designed for internal balance without heavy metal.

Bobweight listed is bobweight of crank when new +/- 2% GUARANTEED

Requires special pilot bushing for manual transmission applications.
318 & 340 engines use part number PB3. 360 use part number PB2.

318 / 340 mains

STROKE	MIN. ROD	NOTES	BOBWEIGHT
3.310"	6.123"	318, 340 stock stroke	2050
4.000"	6.123"		2050

360 mains

STROKE	MIN. ROD	NOTES	BOBWEIGHT
3.580"	6.123"	360 stock stroke	2050
4.000"	6.123"		2050

GOOD

CAST STEEL

.092" radiuses

Excellent alternative to O.E. crankshaft.

Recommended for use in pump-gas street engines, no power-adders.



PART NO.	WEIGHT
103403310	53
103404000	53

BEST

4340 STEEL

.125" radiuses

Recommended for use in competition engines, anything goes.



PART NO.	WEIGHT
434033106123	57
434040006123	57

GOOD

CAST CRANKSHAFT

'SIR' I-BEAM RODS
3/8" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS
Pump gas street car, no power adders

UNBALANCED	BALANCED
20550	B20550
-	-
-	-

BETTER

FORGED 4340 STEEL CRANK

'FSI' I-BEAM RODS
7/16" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS
Pump gas performance, Mild power adder with forged piston only

UNBALANCED	BALANCED
20350	B20350
-	-
-	-

BEST

FORGED 4340 STEEL CRANK

H-BEAM RODS
ARP 2000 or L19 bolt upgrade available

PREMIUM FORGED PISTONS
Competition use. Race gas, power adders OK.

UNBALANCED	BALANCED
-	-
20151	B20151
20152	B20152

UNBALANCED	BALANCED
20510	B20510
20503	B20503
20504	B20504
20505	-
20506	-

UNBALANCED	BALANCED
20310	B20310
20303	B20303
-	-
-	-
-	-

UNBALANCED	BALANCED
-	-
20103	B20103
20104	B20104
20105	-
20106	-

UNBALANCED	BALANCED
20605	B20605
20602	B20602
20507	B20507
-	B20600
20607	B20607
-	-
20603	B20603
20608	B20608
20604	B20604
20502	B20502
20610*	B20610*

UNBALANCED	BALANCED
20405	B20405
20402	B20402
-	-
20400	B20400
20407	B20407
-	-
20403	B20403
-	-
20404	B20404
-	-
20410*	B20410*

UNBALANCED	BALANCED
-	-
20202	B20202
20107	B20107
-	-
-	-
20108	B20108
20203	B20203
-	-
20209	B20209
20204	B20204
20102	B20102
20109	B20109

*Uses 4032 Wiseco ProTru pistons.



CHRYSLER 400

4340 STEEL H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging.
7/16" ARP 8740 rod bolts (ARP 2000 and L19 available).
Alignment sleeves for precise cap location.
Sizing performed with Sunnen Krossgrinding system.
Weight-matched to +/- 1g.
Recommended for competition use.

CRS H-BEAM



LENGTH	WEIGHT	PIN SIZE
6.358"	850	1.094"

"CRS" H-BEAM	w/ARP 2000	w/ARP L19
CRS6358C3D	CRS6358C3D2000	CRS6358C3DL19

FORGED STEEL CRANKSHAFTS

Forged SAE 4340 steel with non-twist forging and multi-stage heat-treatment.
Shot-peened, stress relieved, and nitrided for superior durability.
Designed for internal balance without heavy metal. Bobweight guaranteed +/- 2%.
.125" radiuses improve strength and rigidity. Chamfered or narrowed bearings required.
Approximate weight is 70 pounds.

4340 STEEL



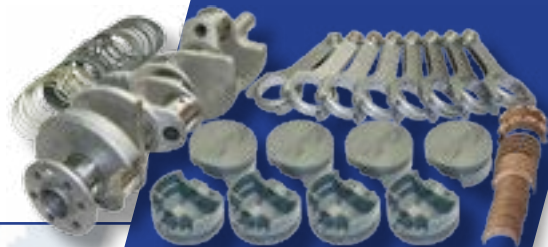
STROKE	BOBWEIGHT	MIN. ROD
4.150"	2550	6.760"

6 BOLT FLANGE	8 BOLT FLANGE
440041506760	440241506760

COMPETITION ASSEMBLIES

Forged 4340 steel crankshaft, forged 4340 steel H-Beam rods.
7/16" ARP 8740 capscrew rod bolts (ARP 2000 & L19 available).
Forged 4032 Mahle pistons and plasma-moly file fit rings and performance bearings.
Designed for internal balance with no heavy metal needed.
Standard bore size is 4.342".

6 bolt flange (8 bolt flange available)



STROKE	ROD	PISTON	RINGS	72cc	80cc	84cc
4.150"	6.760"	4032 Mahle -8cc flat top	FF	11.7	10.8	10.5

DISPLACEMENT	
008	033
-	499

UNBALANCED	BALANCED
21103	B21103



CHRYSLER RB

4340 STEEL H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging.
7/16" ARP 8740 rod bolts (ARP 2000 and L19 available).
Alignment sleeves for precise cap location.
Sizing performed with Sunnen Krossgrinding system.
Weight-matched to +/- 1g.
Recommended for competition use.

LENGTH	WEIGHT	PIN SIZE	NOTES
6.760"	875	1.094"	O.E. dimensions
6.760"	880	.990"	
6.860"	890	1.030"	426 hemi
7.100"	840	.990"	2.200" rod journal, 1.007" width

CRS H-BEAM



"CRS" H-BEAM	w/ARP 2000	w/ARP L19
CRS6760C3D	CRS6760C3D2000	CRS6760C3DL19
CRS6760B3D	CRS6760B3D2000	CRS6760B3DL19
CRS6860C3D	CRS6860C3D2000	CRS6860C3DL19
CRS7100C3D	CRS7100C3D2000	CRS7100C3DL19

FORGED STEEL CRANKSHAFTS

Forged SAE 4340 steel with non-twist forging and multi-stage heat-treatment.
Shot-peened, stress relieved, and nitrided for superior durability.
Designed for internal balance without heavy metal. Bobweight guaranteed +/- 2%.
.125" radiuses improve strength and rigidity. Chamfered or narrowed bearings required.
Approximate weight is 70 pounds.

STROKE	BOBWEIGHT	MIN. ROD	NOTES
3.750"	2550	6.760"	
4.150"	2550	6.760"	
4.250"	2500	7.100"	2.200" rod journals
4.375"	2500	7.100"	2.200" rod journals
4.500"	2500	7.100"	2.200" rod journals

4340 STEEL



6 BOLT FLANGE	8 BOLT FLANGE
444037506760	444237506760
444041506760	444241506760
-	444242507100
-	444243757100
-	444245007100

COMPETITION ASSEMBLIES

Forged 4340 steel crankshaft, forged 4340 steel H-Beam rods.
7/16" ARP 8740 capscrew rod bolts (ARP 2000 & L19 available).
Forged pistons and plasma-moly file fit rings and performance bearings.
Designed for internal balance with no heavy metal needed.
Standard bore size is 4.320"



STROKE	FLANGE	ROD	PISTON	RINGS	72cc	80cc	84cc	DISPLACEMENT			UNBALANCED	BALANCED
								030	040	055		
3.750"	6 bolt*	6.760"	4032 SRP -8cc flat top	FF	10.6	9.8	9.5	446	448	451	21200	B21200
3.750"	6 bolt*	6.760"	4032 Mahle -8cc flat top	FF	10.6	9.8	9.5	446	448	451	21204	B21204
4.150"	6 bolt*	6.760"	2618 JE -29cc inv. dome	FF	9.5	9.0	8.8	493	495	499	21206	B21206
4.150"	6 bolt*	6.760"	4032 Mahle -8cc flat top	FF	11.6	10.8	10.4	493	-	499	21201	B21201
4.250"	8 bolt	7.100"	4032 Mahle -8cc flat top	FF	11.9	11.0	10.7	505	-	511	21202	B21202
4.375"	8 bolt	7.100"	4032 Mahle -8cc flat top	FF	12.2	11.3	10.9	520	-	-	21203	B21203
4.500"	8 bolt	7.100"	4032 Mahle -8cc flat top	FF	12.5	11.6	11.2	535	-	541	21205	B21205

NEW!
TOP
SELLER

*8 bolt flange available use in pollution controlled vehicles.

662.796.7373



FORD 4 CYL, 6 CYL, & ECOBOOST

H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging.

3/8" ARP 2000 rod bolts, unless otherwise noted.

Alignment sleeves for precise cap location.

Sizing performed with Sunnen Krossgrinding system.

Weight-matched to +/- 1g.

CRS H-BEAM

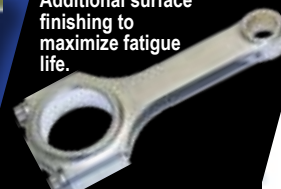
3/8" ARP 2000 bolts



EXTREME DUTY

3/8" ARP 625+ bolts

Additional surface finishing to maximize fatigue life.



ENGINE	LENGTH	WEIGHT	PIN SIZE	NOTES
Pinto 2000cc	5.700"	515	.927"	2.000" journal, 1.029" width
1.9/2.0 Zetec	5.483"	535	20mm	
2.0 EcoBoost	6.136"	580	22.5mm	
2.3 EcoBoost	5.876"	570	22.5mm	
2.3 Duratec	6.094"	565	21mm	non-turbo
MZR 2.3L	5.927"	580	22mm	DI 2.3L turbo
MZR 2.3L	5.927"	580	22.5mm	DI 2.3L turbo
3.5/3.7 EcoBoost	6.011"	680	22.5mm	
96-03 3.8 V6	6.090"	605	.912"	use 351W rod bearings

CRS H-BEAM

CRS5700PLW

CRS5483F3D

CRS6136E3D

CRS5876E3D

CRS6094F3D

CRS5927M13D

CRS5927M23D

CRS6011E3D

CRS6090F3D

EXTREME DUTY

-

CRS5483FXD

CRS6136EXD

CRS5876EXD

CRS6094FXD

CRS5927M1XD

CRS5927M2XD

CRS6011EXD

-



FORD 8BA FLATHEAD

CONNECTING RODS

Forged SAE 4340 steel from 2 piece forging.
ARP rod bolts. Weight-matched +/- 1g.
Alignment sleeves for precise cap location.
Sizing performed with Sunnen Krossgrinding system.

CRS H-BEAM



LENGTH	PIN SIZE	NOTES
7.000"	.750"	stock journal, 5/16" bolts
7.000"	.750"	2.000" journal, 3/8" bolts

"CRS" H-BEAM	WT.	w/ARP 2000
-	565	CRS7000F3D
CRS7000C3D8740	610	CRS7000C3D

CRANKSHAFTS

An excellent alternative to O.E. crank.
.092" radiuses so standard bearings can be used.
Target bobweight guaranteed +/- 2% designed for internal balance.
Recommended for use in pump gas street engines, no power adders.

CAST STEEL



STROKE	MIN. ROD	NOTES
4.000"	7.000"	2.000" rod journals
4.000"	7.000"	2.139" rod journals
4.125"	7.000"	2.000" rod journals
4.250"	7.000"	2.000" rod journals

PART NO.	BOBWEIGHT	WEIGHT
102394000	1650	59
1023940002139	1650	59
102394125	1650	61
102394250	1650	61

ROTATING ASSEMBLIES

Unbalanced assemblies **MUST** be balanced by qualified machine shop before use.
Assemblies balanced by Eagle require no additional balancing.

Cast crank designed for internal balance without heavy metal.

Order by actual bore size.

Recommended for use in pump-gas, street engines. No power adders.

CAST CRANKSHAFT 'CRS' H-BEAM RODS ARP 8740 bolts

FORGED PISTONS
Pump gas street car, no power adders



STROKE	ROD	PISTON	RINGS
4.000"	7.000"	4032 Mahle +13cc dome	metric file fit
4.000"	7.000"	2618 Ross +14cc dome	Grant std. gap
4.000"	7.000"	2618 Ross +14cc dome	metric file fit
4.125"	7.000"	4032 Mahle +13cc dome	metric file fit
4.125"	7.000"	2618 Ross +14cc dome	Grant std. gap
4.125"	7.000"	2618 Ross +14cc dome	metric file fit
4.250"	7.000"	4032 Mahle +13cc dome	metric file fit
4.250"	7.000"	2618 Ross +14cc dome	Grant std. gap
4.250"	7.000"	2618 Ross +14cc dome	metric file fit

3.312	3.342	3.375
276	281	286
276	281	286
276	-	286
284	289	295
284	289	295
284	-	-
293	298	304
293	-	-
293	-	-

UNBALANCED	BALANCED
14321	B14321
14300	B14300
14320	B14320
14323	B14323
14302	B14302
14322	B14322
14325	B14325
14304	B14304
14324	B14324



FORD 4.6 MOD MOTOR

H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging.

3/8" ARP 8740 or 2000 rod bolts

Alignment sleeves for precise cap location.

Sizing performed with Sunnen Krossgrinding system.

Weight-matched to +/- 1g.

CRS H-BEAM



ENGINE	LENGTH	WEIGHT	PIN SIZE	NOTES
4.6	5.933"	605	22mm	
4.6 stroker	5.850"	570	22mm	1.889" rod journal
4.6 stroker	5.950"	560	22mm	1.889" rod journal
5.4	6.657"	630	22mm	
6.8 V10	6.657"	630	22mm	set of 10

w/ ARP 8740	w/ ARP 2000	WEIGHT
CRS5933F8740	CRS5933F3D	605
CRS5850F8740	CRS5850F3D	570
CRS5950F8740	CRS5950F3D	560
-	CRS6657F3D	630
-	CRS6657F3D10	630

ROTATING ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use.
Assemblies balanced by Eagle require no additional balancing.

All Eagle 4.6 cranks feature an 8-bolt rear flange. Appropriate flywheel or flexplate must be used.

Compression ratios calculated considering uncut block, 3.572" bore size, and .040" head gasket thickness.

2 valve heads (52cc), "PI" heads (44cc)

STROKE	ROD	PISTON	RINGS	44cc	52cc
3.554"	5.933"	2618 Arias -17cc inv. dome	FF	9.7	8.7
3.554"	5.933"	4032 DSS -10cc inv. dome*	FF	10.0	9.0
3.554"	5.933"	4032 SRP Pro -3cc flat top	FF	11.7	10.3
3.554"	5.933"	4032 Mahle 0cc flat top	FF	12.9	10.8
3.750"	5.950"	2618 Arias -22cc inv. dome	FF	9.5	8.6
3.750"	5.950"	2618 Arias -4cc flat top	FF	12.2	10.9

DISPLACEMENT				
000	020	030	3.700	
282	285	-	-	
282	285	287	306	
282	285	-	-	
282	285	-	-	
297	301	-	-	
297	301	-	-	

3 valve heads (50cc)

STROKE	ROD	PISTON	RINGS	50cc
3.554"	5.933"	2618 Arias -17cc inv. dome	FF	9.0
3.554"	5.933"	2618 Diamond -6cc flat top	FF	10.2
3.750"	5.850"	2618 CP -20cc inv. dome	FF	8.8
3.750"	5.950"	2618 Arias -19cc inv. dome	FF	9.3
3.750"	5.850"	2618 CP -14cc inv. dome	FF	9.5

DISPLACEMENT			
000	020	030	
-	285		
282	285	287	
-	301	-	
297	301	-	
-	301	-	

4 valve heads (52.6cc)

STROKE	ROD	PISTON	RINGS	52.6cc
3.554"	5.933"	2618 Mahle -22cc inv. dome	FF	8.1
3.554"	5.933"	2618 Arias -17cc inv. dome	FF	8.6
3.554"	5.933"	4032 Mahle -16cc inv. dome	FF	8.7
3.554"	5.933"	2618 Diamond -2cc flat top	FF	10.4
3.554"	5.933"	4032 Mahle 0cc flat top	FF	10.7
3.750"	5.950"	2618 Arias -17cc inv. dome	FF	9.0
3.750"	5.950"	2618 Arias -4cc flat top	FF	10.8

DISPLACEMENT				
000	020	030	3.700	
-	285	-	-	
-	285	-	-	
281	285	287	-	
281	285	-	306	
281	285	-	-	
-	301	-	-	
-	301	-	-	

* Will work with Trick Flow Twisted Wedge heads

NEW!
NEW!
NEW!

NEW!

NEW!

NEW!

NEW!

NEW!

CRANKSHAFTS

Designed for internal balance without heavy metal.

Bobweight listed is bobweight of crank when new +/- 2% GUARANTEED

Center counterweights and 8 bolt flange like a Cobra crank.

Clearancing of center main webbing required in some 2V blocks.

GOOD

CAST STEEL

.092" radiuses

Excellent alternative to O.E. crankshaft.

Recommended for use in pump-gas street engines, no power-adders.

BEST

4340 STEEL

.125" radiuses

Recommended for use in competition engines, anything goes.

STROKE	BOBWEIGHT	ROD JOURNAL	NOTES
3.543"	1600	2.086"	stock stroke 4.6
3.554"	1600	2.086"	
3.750"	1600	1.889"	

PART NO.	WEIGHT
-	-
102813554	48
102813750	46

PART NO.	WEIGHT
428135435933	52
428135545933	52
428137505850	51

GOOD

CAST CRANKSHAFT

H-BEAM RODS

3/8" ARP 8740 bolts

FORGED PISTONS

Pump gas street car, no power adders

BEST

FORGED 4340 STEEL CRANK

H-BEAM RODS

3/8" ARP 2000 BOLTS

PREMIUM FORGED PISTONS

Competition use. Race gas, power adders OK.

UNBALANCED		BALANCED	
ROMEO	WINDSOR	ROMEO	WINDSOR
16400	16400W	B16400	B16400W
16402	16402W	B16402	B16402W
16401	16401W	B16401	B16401W
16405	16405W	B16405	B16405W
16404	16404W	B16404	B16404W
-	-	-	-

UNBALANCED		BALANCED	
ROMEO	WINDSOR	ROMEO	WINDSOR
14400	14400W	B14400	B14400W
14402	14402W	B14402	B14402W
14401	14401W	B14401	B14401W
14405	14405W	B14405	B14405W
14404	14404W	B14404	B14404W
14403	14403W	B14403	B14403W

UNBALANCED	BALANCED
16410	B16410
-	-
-	-
16414	B16414
-	-

UNBALANCED	BALANCED
14410	B14410
14430	B14430
14429	B14429
14414	B14414
14428	B14428

UNBALANCED	BALANCED
-	-
16420	B16420
-	-
-	-
-	-
16424	B16424
-	-

UNBALANCED	BALANCED
14425	B14425
14420	B14420
14421	B14421
14416	B14416
14422	B14422
14424	B14424
14423	B14423

part number 16424 shown

part number 14424 shown



FORD 289 / 302

CONNECTING RODS

Alignment sleeves for precise cap location.

GOOD

SIR I-BEAM

weight-matched +/- 2g
3/8" ARP 8740 bolts
Forged 5140 steel

BETTER

FSI I-BEAM

Forged 4340 steel
weight-matched +/- 1g
7/16" ARP 8740 bolts

BEST

CRS H-BEAM

Sized with Sunnen Krossgrinder
Forged 4340 steel
7/16" ARP 8740 bolts
weight-matched +/- 1g
ARP 2000 upgrade available

LENGTH	PIN SIZE	NOTES
5.090"	.912"	press-fit pin
5.090"	.912"	
5.155"	.912"	289, Boss 302
5.315"	.927"	2.100" rod journal, .8315" width
5.400"	.927"	2.100" rod journal, .8315" width
5.400"	.927"	2.000" rod journal, .8315" width
5.400"	.927"	2.123" (O.E.) rod journal

"SIR" I-BEAM	WT.
SIR5090FP	525
SIR5090FB	525
-	-
-	-
SIR5400CB	525
-	-
SIR5400FB	525

"FSI" I-BEAM	WT.
-	-
-	-
-	-
-	-
-	-
-	-
FSI5400FB	-

"CRS" H-BEAM	w/ ARP 2000	WT.
-	-	-
CRS5090F3D	CRS5090F3D2000	590
CRS5155F3D	CRS5155F3D2000	595
CRS5315C3D	CRS5315C3D2000	600
CRS5400C3D	CRS5400C3D2000	580
CRS5400F3D	CRS5400F3D2000	605
CRS5400S3D	CRS5400S3D2000	588

ROTATING ASSEMBLIES

Unbalanced assemblies MUST be balanced by a machine shop. Assemblies balanced by Eagle require no additional balancing.

STROKE	ROD	PISTON	RINGS	58cc	64cc	000	030	040	060	125
3.000"	5.090"	4032 SRP -14.5cc inv. dome	FF	8.5	8.0	-	306	308	311	-
3.000"	5.090"	hyper. KB -6.5cc flat top	FF	9.4	8.8	302	306	308	311	-
3.000"	5.090"	4032 Mahle -6cc flat top	FF	9.4	8.8	302	306	308	311	321
3.000"	5.090"	4032 SRP +18cc dome	FF	13.1	11.9	-	306	308	311	-
NEW! 3.250"	5.400"	2618 Ross -20.7cc F.I. inv. dome	FF	8.6	8.1	-	-	333	-	348
3.250"	5.400"	4032 Mahle -16cc inv. dome	FF	8.9	8.4	-	332	333	-	-
3.250"	5.400"	4032 Icon -11cc flat top	FF	9.5	8.9	327	332	333	337	-
3.250"	5.400"	hyper. KB -10cc inv. dome	FF	9.6	9.0	327	332	333	337	348
3.250"	5.400"	4032 Mahle -6cc flat top	FF	10.0	9.3	-	332	333	-	348
NEW! 3.250"	5.400"	2618 JE -5cc heavy duty flat top	FF	10.4	9.6	-	332	-	-	348
3.250"	5.400"	4032 Mahle +7cc dome	FF	11.8	10.9	-	332	-	-	-
NEW! 3.400"	5.400"	2618 Ross -24.8cc F.I. inv. dome	FF	8.5	8.1	-	347	349	-	-
3.400"	5.400"	4032 Mahle -16cc inv. dome	FF	9.3	8.8	-	347	349	352	364
TOP SELLER 3.400"	5.400"	hyper. KB -16cc inv. dome	FF	9.3	8.8	342	347	349	352	364
3.400"	5.400"	4032 Icon -11cc flat top	FF	9.8	9.2	342	347	349	352	-
3.400"	5.400"	4032 SRP -12.5cc inv. dome	FF	9.9	9.3	342	347	-	-	-
3.400"	5.400"	hyper. KB -6.5cc flat top	FF	10.3	9.7	342	347	349	352	364
TOP SELLER 3.400"	5.400"	4032 Mahle -6cc flat top	FF	10.3	9.7	342	347	349	352	364
TOP SELLER 3.400"	5.400"	hyper SpeedPro -5cc flat top	std	10.5	9.8	342	347	349	-	-
NEW! 3.400"	5.400"	2618 JE -5cc heavy duty flat top	FF	10.7	10.0	-	347	349	-	364
3.400"	5.400"	2618 Mahle +7cc dome	FF	12.3	11.4	-	347	-	-	-

Twisted Wedge heads

STROKE	ROD	PISTON	RINGS	58cc	64cc
3.000"	5.090"	4032 Mahle -6cc flat top	FF	9.3	8.7
3.250"	5.400"	4032 Mahle -16cc inv. dome	FF	8.9	8.4
3.250"	5.400"	4032 Mahle -6cc flat top	FF	10.0	9.3
3.400"	5.400"	4032 Mahle -16cc inv. dome	FF	9.3	8.8
3.400"	5.400"	4032 Mahle -6cc flat top	FF	10.3	9.7
NEW! 3.400"	5.400"	2618 JE -5cc heavy duty flat top	FF	10.7	10.0

030	040
306	308
332	333
332	333
347	349
347	349
347	349

CRANKSHAFTS

Can be used in either 1 pc or 2 pc rear seal blocks.
Bobweight listed is bobweight of crank +/- 2% GUARANTEED
Cast cranks designed for 28in-oz balance unless otherwise noted.
Forged cranks designed for internal balance without heavy metal.

GOOD



CAST STEEL

.092" radiuses
Intended for external
28 in-oz balance unless
otherwise noted.

Recommended for use in
pump-gas street engines,
no power-adders.

BEST



4340 STEEL

.125" radiuses
Intended for internal
balance without heavy
metal.

Recommended for use
in competition engines,
anything goes.

STROKE	MIN. ROD	ROD JOURNAL	NOTES
3.000"	5.090"	2.123"	50 in-oz balance
3.000"	5.090"	2.123"	
3.250"	5.400"	2.123"	
3.400"	5.400"	2.123"	
3.470"	5.400"	2.100"	

PART NO.	BOBWEIGHT	WEIGHT
103023000-50	1835	38
103023000	1835	39
103023252	1650	40
103023402	1650	41
-	-	-

PART NO.	BOBWEIGHT	WEIGHT
-	-	-
430230015090	1750	46
430232525400	1750	47
430234025400	1750	47
430234705400	1750	47

GOOD



CAST CRANKSHAFT

'SIR' I-BEAM RODS
3/8" ARP 8740 bolts

**HYPEREUTECTIC or
FORGED PISTONS**
Pump gas street car, no power adders

BETTER

FORGED 4340 STEEL CRANK

'FSI' I-BEAM RODS
7/16" ARP 8740 bolts

**HYPEREUTECTIC or
FORGED PISTONS**
Pump gas performance, Mild power
adder with forged piston only

BEST

**FORGED 4340
STEEL CRANK
H-BEAM RODS**
ARP 2000 bolt upgrade available
PREMIUM FORGED PISTONS

Competition use. Race
gas, power adders OK.

UNBALANCED		BALANCED			
		157t flexplate	164t flexplate	164t flywheel	157t flywheel
-	-	-	-	-	-
16002	B16002EA	B16002MA	B16002ES	B16002MS	
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
16005	B16005EA	B16005MA	B16005ES	B16005MS	
16351	B16351EA	B16351MA	B16351ES	B16351MS	
16021	B16021EA	B16021MA	B16021ES	B16021MS	
16006	B16006EA	B16006MA	B16006ES	B16006MS	
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
16040	B16040EA	B16040MA	B16040ES	B16040MS	
16023	B16023EA	B16023MA	B16023ES	B16023MS	
16323	B16323EA	B16323MA	B16323ES	B16323MS	
16004	B16004EA	B16004MA	B16004ES	B16004MS	
16022	B16022EA	B16022MA	B16022ES	B16022MS	
16003	B16003EA	B16003MA	B16003ES	B16003MS	
-	B16422EA	B16422MA	B16422ES	B16422MS	
-	-	-	-	-	-
-	-	-	-	-	-

UNBALANCED	BALANCED
64001	B64001
-	-
64002	B64002
64008	B64008
-	-
64005	B64005
64251	B64251
-	-
64006	B64006
-	-
64007	B64007
-	-
64040	B64040
-	-
64223	B64223
64004	B64004
-	-
64003	B64003
-	-
-	-
64013	B64013

UNBALANCED	BALANCED
14001	B14001
-	-
14002	B14002
14008	B14008
34050	B34050
14005	B14005
14251	B14251
-	-
14006	B14006
34051	B34051
14007	B14007
34052	B34052
14040	B14040
-	-
14223	B14223
14004	B14004
-	-
14003	B14003
-	-
34053	B34053
14013	B14013

UNBALANCED		BALANCED			
		157t flexplate	164t flexplate	164t flywheel	157t flywheel
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
16032	B16032EA	B16032MA	B16032ES	B16032MS	
16033	B16033EA	B16033MA	B16033ES	B16033MS	
-	-	-	-	-	-

UNBALANCED	BALANCED
64028	B64028
64030	B64030
64031	B64031
64032	B64032
64033	B64033
-	-

UNBALANCED	BALANCED
14028	B14028
14030	B14030
14031	B14031
14032	B14032
14033	B14033
34054	B34054



351 CLEVELAND

CONNECTING RODS

.912" pin size

Alignment sleeves for precise cap location.

Uses 351W rod bearings.

CRS H-BEAM

7/16" ARP 8740 bolts

Forged 4340 steel

Sized with Sunnen Krossgrinder

weight-matched +/- 1g

ARP 2000 upgrade available



LENGTH	NOTES
5.780"	Use 351W rod bearings

"CRS" H-BEAM	WT.	w/ARP 2000
CRS5780F3D	660	CRS5780F3D2000

ROTATING ASSEMBLIES

Unbalanced assemblies **MUST** be balanced by qualified machine shop before use. Assemblies balanced by Eagle require no additional balancing.

Assemblies include crank, rods, pistons, rings, and bearings (OE replacement bearings with cast crank, racing bearings with forged crank).

Cast crank designed for 28 in-oz balance. Forged crank designed for internal balance without heavy metal.

Compression ratios calculated considering uncut block, 4.030" bore size, and .040" head gasket thickness.

STROKE	ROD	PISTON	RINGS	60cc	72cc	80cc	030	040	125
3.850"	6.000"	4032 Mahle -20cc inv. dome	FF	10.5	9.4	8.8	-	-	412
3.850"	6.000"	4032 Mahle -3cc flat top	FF	12.3	10.7	9.7	393	395	412
4.000"	6.000"	4032 Mahle -20cc inv. dome	FF	10.5	9.3	8.7	408	-	-
4.000"	6.000"	4032 Mahle -3cc flat top	FF	12.7	11.0	10.2	408	-	428



part number 14702 shown

CRANKSHAFTS

Bobweight listed is bobweight of crank +/- 2% GUARANTEED

Cast cranks designed for 28in-oz balance.

Forged cranks designed for internal balance without heavy metal.

Eagle 351C cranks have 351W snouts. In order to use a 351C timing set, a .375" spacer must be placed behind the timing gear in order to align the timing chain correctly.

Special timing sets are produced by Rollmaster.

Part number CS3110 or CS3130.

STROKE	MIN. ROD	NOTES
3.850"	6.000"	
4.000"	6.000"	

GOOD



CAST STEEL

.092" radiuses

Intended for external 28 in-oz balance.

Recommended for use in pump-gas street engines, no power-adders.

PART NO.	BOBWEIGHT	WEIGHT
103523850	1900	50
-	-	-

BEST



4340 STEEL

.125" radiuses

Intended for internal balance without heavy metal.

Recommended for use in competition engines, anything goes.

PART NO.	BOBWEIGHT	WEIGHT
435638506000	1765	59
435640006000	1765	61

GOOD

CAST CRANKSHAFT

'SIR' I-BEAM RODS
3/8" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS
Pump gas street car, no power adders

UNBALANCED	BALANCED
-	-
16800	B16800
-	-
-	-

BETTER

FORGED 4340 STEEL CRANK

'FSI' I-BEAM RODS
7/16" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS
Pump gas performance, Mild power adder with forged piston only

UNBALANCED	BALANCED
64801	B64801
64800	B64800
64700	B64700
64702	B64702

BEST

FORGED 4340 STEEL CRANK

H-BEAM RODS
ARP 2000 or L19 bolt upgrade available

PREMIUM FORGED PISTONS
Competition use. Race gas, power adders OK.

UNBALANCED	BALANCED
14801	B14801
14800	B14800
14700	B14700
14702	B14702

FORD 351 CLEVELAND





FORD 351 WINDSOR

CONNECTING RODS

Alignment sleeves for precise cap location.

GOOD

SIR I-BEAM

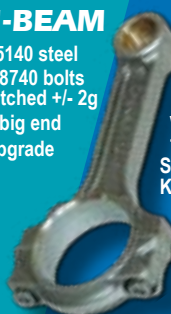
Forged 5140 steel
3/8" ARP 8740 bolts
weight-matched +/- 2g
CNC sized big end
ARP 2000 upgrade
available



BETTER

FSI I-BEAM

Forged 4340 steel
7/16" ARP 8740
bolts
weight-matched
+/- 1g
Sized with Sunnen
Krossgrinder
ARP 2000
upgrade
available



BEST

CRS H-BEAM

Forged 4340 steel 7/16" ARP 8740 bolts
weight-matched +/- 1g
ARP 2000 upgrade available
Sized with Sunnen Krossgrinder



LENGTH	PIN SIZE	NOTES
5.956"	.912"	press-fit pin
5.956"	.912"	
6.200"	.927"	2.100" rod journal
6.250"	.927"	2.100" rod journal
6.300"	.927"	2.100" rod journal

"SIR" I-BEAM	WT.
SIR5956FP	550
SIR5956FB	550
SIR6200BBLW	610
SIR6250BBLW	615
-	-

"FSI" I-BEAM	WT.
-	-
-	-
-	-
FSI6250B	-
-	-

"CRS" H-BEAM	w/ ARP 2000	WT.
-	-	-
CRS5956F3D	CRS5956F3D2000	640
CRS6200B3D	CRS6200B3D2000	640
CRS6250B3D	CRS6250B3D2000	650
CRS6300B3D	CRS6300B3D2000	665

ROTATING ASSEMBLIES

Unbalanced assemblies MUST be balanced by a machine shop before use. Balanced assemblies require no additional balancing. Includes crank, rods, pistons, rings, and bearings (OE replacement bearings with cast crank, racing bearings with forged crank). Cast crank designed for 28 in-oz balance. Forged crank designed for internal balance without heavy metal. Compression ratios calculated considering 9.500" block height, 4.030" bore size, and .040" head gasket thickness.

STROKE	ROD	HEIGHT	PISTON	58cc	64cc	72cc
3.500"	6.300"		4032 SRP -5cc flat top	10.7	10.0	9.2
3.750"	6.250"	9.475"	4032 SRP -32cc inv. dome	8.6	8.2	7.7
3.750"	6.250"	9.475"	4032 SRP -5cc inv. dome	11.2	10.5	9.7
3.850"	5.956"	9.481"	hyper. KB -22cc inv. dome	9.9	9.3	8.7
3.850"	5.956"	9.481"	4032 Mahle -26cc inv. dome	9.4	8.9	8.3
NEW! 3.850"	5.956"	9.481"	4032 ProTru -7cc flat top	11.4	10.7	9.8
4.000"	6.200"	9.480"	hyper. KB -27.5cc inv. dome	9.5	9.0	8.5
4.000"	6.200"	9.500"	4032 Mahle -28cc inv. dome	9.9	9.3	8.7
4.000"	6.250"	9.495"	4032 Mahle -26cc inv. dome	10.0	9.4	8.8
4.000"	6.250"	9.480"	4032 Mahle -20cc inv. dome	10.2	9.7	9.0
NEW! 4.000"	6.200"	9.480"	4032 ProTru -15cc/-19cc inv. dome	10.8	10.1	9.4
4.000"	6.200"	9.480"	4032 Icon -11cc flat top	11.3	10.6	9.8
4.000"	6.200"	9.480"	hyper. KB -6.5cc flat top	11.9	11.1	10.2
TOP SELLER 4.000"	6.250"	9.495"	4032 Mahle -6.6cc flat top	12.6	11.7	10.7
4.000"	6.200"	9.480"	2618 JE -5cc heavy duty flat top	12.1	11.3	10.3
4.170"	6.250"	9.500"	4032 Mahle -16cc inv. dome	11.5	10.8	10.2
4.170"	6.250"	9.500"	4032 Mahle -6cc flat top	13.0	12.1	11.3

DISPLACEMENT					
000	030	040	060	125	155
-	357	-	-	-	-
-	383	-	-	-	-
-	383	-	-	-	-
387	393	395	399	-	-
397	393	395	399	-	-
-	393	395	-	-	-
-	408	410	414	-	-
-	408	-	-	-	-
-	408	410	-	428*	-
-	408	410	-	-	-
-	408	410	414	428	434
402	408	410	414	-	-
-	408	410	414	-	-
402	408	410	414	428*	434*
-	408	410	-	-	-
-	425	427	-	-	452*
419	425	427	-	446*	-

Two different deck heights exist for production Ford 351W engines. 1969-1970 blocks will have a 9.480" deck height. From 1971 and up, the deck height is 9.500". For this reason, we have included the assembly height in the listing. This will help you determine if the particular assembly will work in your block. All compression ratios listed are figured for a 9.500" deck height. Using a 9.480" block, if applicable, will increase compression approximately 0.4.

CRANKSHAFTS

Bobweight listed is +/- 2% GUARANTEED

Cast cranks designed for 28in-oz balance.

Forged cranks designed for internal balance without heavy metal.

GOOD



CAST STEEL

.092" radiuses

Intended for external 28 in-oz balance.

Recommended for use in pump-gas street engines, no power-adders.

BEST



4340 STEEL

.125" radiuses

Intended for internal balance without heavy metal.

Recommended for use in competition engines, anything goes.

STROKE	MIN. ROD	NOTES
3.500"	6.200"	2.1" journals
3.750"	6.200"	2.1" journals
3.850"	5.956"	O.E. journals
3.850"	6.200"	2.1" journals
4.000"	6.200"	2.1" journals
4.170"	6.200"	2.1" journals

PART NO.	BOBWEIGHT	WEIGHT
-	-	-
103513750	1920	53
103513850	1900	55
-	-	-
103514000	1920	53
-	-	-

3.000" MAINS	2.750" MAINS	BOBWEIGHT	WEIGHT
435135006200	435235006200	1900	61
-	435237506200	1900	60
-	-	-	-
-	435238506200	1900	60
435140006200	435240006200	1900	60
435141706200	435241706200	1900	60

GOOD

CAST CRANKSHAFT
'SIR' I-BEAM RODS
3/8" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS
Pump gas street car, no power adders

BETTER

FORGED 4340 STEEL CRANK

'FSI' I-BEAM RODS
7/16" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS

Pump gas performance, Mild power adder with forged piston only

BEST

FORGED 4340 STEEL CRANK

H-BEAM RODS
ARP 2000 or L19 bolt upgrade available

PREMIUM FORGED PISTONS
Competition use. Race gas, power adders OK.

UNBALANCED	BALANCED
-	-
16121	B16121
16122	B16122
16526	B16526
16128	B16128
16131	B16131
16524	B16524
16124	B16124
16123	B16123
16129	B16129
16137	B16137
16138	B16138
16525	B16525
16125	B16125
-	-
-	-
-	-

UNBALANCED	BALANCED
3" MAIN	2.75" MAIN
64120	64620
-	-
-	-
-	-
-	-
-	-
14804	14806
14805	14807
14823	14843
14829	14849
64137	64634
64138	64638
-	-
-	-
-	-
14828	14848
64142	64642

BALANCED
3" MAIN
B64120
-
-
-
-
-
B14804
B14805
B14823
B14829
B64137
B64138
-
-
-
B14828
B64142

UNBALANCED
3" MAIN
14120
-
-
-
-
-
-
14124
14123
14129
-
14138
-
14125
35801
14140
14142

BALANCED
3" MAIN
B14120
-
-
-
-
-
-
B14124
B14123
B14129
-
B14138
-
B14125
B35801
B14140
B14142

* Kits with 4.125" or 4.155" bore will have .4 higher compression due to large bore size.



FORD BIG BLOCK 429/460

CONNECTING RODS

Alignment sleeves for precise cap location.

GOOD

SIR I-BEAM

Forged 5140 steel
7/16" ARP 8740 bolts
weight-matched +/- 2g
CNC sized big end

ARP 2000 upgrade
available



BETTER

FSI I-BEAM

Forged 4340 steel
7/16" ARP 8740 bolts
weight-matched +/- 1g
Sized with Sunnen
Krossgrinder
ARP 2000 upgrade
available

BEST

CRS H-BEAM

Forged 4340 steel
weight-matched +/- 1g
7/16" ARP 8740 bolts
ARP L19 upgrade available
Sized with Sunnen Krossgrinder



LENGTH	PIN SIZE	NOTES
6.605"	1.040"	
6.605"	.990"	
6.700"	.990"	2.200" rod journal
6.800"	.990"	2.200" rod journal

"SIR" I-BEAM	WT.
-	-
-	-
SIR6700B	865
SIR6800B	875

"FSI" I-BEAM	WT.
-	-
-	-
-	-
FSI6800	790

"CRS" H-BEAM	w/ ARP 2000	WT.
CRS6605F3D	CRS6605F3D2000	835
CRS6605F990	-	830
CRS67003D	CRS67003D2000	800
CRS68003D	CRS68003D2000	805

ROTATING ASSEMBLIES

Unbalanced assemblies MUST be balanced by a machine shop before use. Balanced assemblies require no additional balancing.
includes crank, rods, pistons, rings, and bearings (OE replacement bearings with cast crank, racing bearings with forged crank).
Designed for internal balance without heavy metal.

Compression ratios calculated considering 10.300" block height, 4.420" bore size, and .040" head gasket thickness.

	STROKE	ROD	PISTON	RINGS	70cc	80cc	90cc	030	060	080
NEW!	3.850"	6.605" H	4032 ProTru -15cc inv. dome	FF	10.7	9.8	9.1	466	472	-
	3.850"	6.605" H	4032 SRP -3cc flat top	FF	12.4	11.2	10.2	466	-	477
NEW!	4.140"	6.700"	hyper KB-33cc inv. dome	FF	10.1	9.4	8.7	501	508	-
	4.140"	6.700"	4032 Mahle -28cc inv. dome	FF	10.4	9.6	9.0	501	-	-
	4.140"	6.800"	4032 SRP -3cc flat top	FF	13.0	11.8	10.8	501	-	513
	4.140"	6.700"	4032 Mahle -3cc flat top	FF	13.2	11.9	10.9	501	-	513
	4.300"	6.800"	4032 Mahle -38cc inv. dome	FF	10.1	9.3	8.7	521	-	533
NEW!	4.300"	6.800"	hyper KB -20.5cc inv. dome	FF	11.6	10.7	9.9	521	528	-
	4.300"	6.800"	4032 Mahle -3cc flat top	FF	13.9	12.5	11.4	521	-	533
NEW!	4.500"	6.700"	4032 Mahle -38cc inv. dome	FF	10.5	9.7	9.1	545	-	557
NEW!	4.500"	6.700"	4032 Mahle -8cc inv. dome	FF	13.9	12.5	11.4	545	-	-
	4.500"	6.700"	4032 Mahle -3cc flat top	FF	14.5	13.0	11.9	545	-	557

NEW! SCJ, P-51, & AFR 14 deg. heads

STROKE	ROD	PISTON	RINGS	70cc	80cc	90cc	030	060	080
4.140"	6.700"	4032 Mahle -28cc inv. dome	FF	10.4	9.6	9.0	501	-	-
4.140"	6.700"	4032 Mahle -3cc flat top	FF	13.2	11.9	10.9	501	-	513
4.300"	6.800"	4032 Mahle -38cc inv. dome	FF	10.1	9.3	8.7	521	-	533
4.300"	6.800"	4032 Mahle -3cc flat top	FF	13.9	12.5	11.4	521	-	533
4.500"	6.700"	4032 Mahle -38cc inv. dome	FF	10.5	9.7	9.1	545	-	557
4.500"	6.700"	4032 Mahle -3cc flat top	FF	14.5	13.0	11.9	545	-	557

NEW! Kaase Boss nine heads

STROKE	ROD	PISTON	RINGS	84cc	90cc	030	060	080
4.300"	6.800"	4032 Mahle -8cc flat top	FF	11.3	10.8	521	-	-
4.500"	6.700"	4032 Mahle -19cc inv. dome	FF	11.1	10.3	545	-	-
4.500"	6.700"	4032 Mahle -8cc flat top	FF	11.8	11.2	545	-	-

CRANKSHAFTS

Bobweight listed is +/- 2% GUARANTEED

Cast cranks designed for 28in-oz balance.

Forged cranks designed for internal balance without heavy metal.

Pilot opening is 1.850". Step is 1.375"

GOOD

CAST STEEL

.092" radiuses

Intended for external 28 in-oz balance.

Recommended for use in pump-gas street engines, no power-adders.

BEST

4340 STEEL

.125" radiuses

Intended for internal balance without heavy metal.

Recommended for use in competition engines, anything goes.

STROKE	MIN. ROD	NOTES
3.850"	6.605"	O.E. journals
4.140"	6.700"	2.2" rod journals
4.300"	6.700"	2.2" rod journals
4.500"	6.700"	2.2" rod journals

PART NO.	BOBWEIGHT	WEIGHT
104603850	2350	
104604140	2350	
104604300	2350	
-	-	

PART NO.	BOBWEIGHT	WEIGHT
-	-	
446041402200	2350	
446043002200	2350	
446045002200	2350	

GOOD

CAST CRANKSHAFT

'SIR' I-BEAM RODS
3/8" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS

Pump gas street car, no power adders

BETTER

FORGED 4340 STEEL CRANK

'FSI' I-BEAM RODS
7/16" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS

Pump gas performance, Mild power adder with forged piston only

BEST

FORGED 4340 STEEL CRANK

H-BEAM RODS
ARP 2000 or L19 bolt upgrade available

PREMIUM FORGED PISTONS

Competition use. Race gas, power adders OK.

UNBALANCED	BALANCED
15109	B15109
15120	B15120
15100	B15100
15101	B15101
15102	B15102
-	-
15107	B15107
15109	B15109
15105	B15105
-	-
-	-
-	-

UNBALANCED	BALANCED
-	-
-	-
-	-
65015	B65015
65016	B65016
65014	B65014
65010	B65010
-	-
65011	B65011
65012	B65012
65018	B65018
65013	B65013

UNBALANCED	BALANCED
-	-
15020	B15020
-	-
15015	B15015
15016	B15016
15014	B15014
15010	B15010
-	-
15011	B15011
15012	B15012
15018	B15018
15013	B15013

UNBALANCED	BALANCED
15110	B15110
15111	B15111
15107	B15107
15112	B15112
-	-
-	-

UNBALANCED	BALANCED
65112	B65112
65123	B65123
65010	B65010
65124	B65124
65012	B65012
65125	B65125

UNBALANCED	BALANCED
15122	B15122
15123	B15123
15010	B15010
15124	B15124
15012	B15012
15125	B15125

UNBALANCED	BALANCED
15114	-
-	-
-	-

UNBALANCED	BALANCED
65126	B65126
65128	B65128
65127	B65127

UNBALANCED	BALANCED
15126	B15126
15128	B15128
15127	B15127



part number 15015 shown



part number 15101 shown

FORD BIG BLOCK

FORD FE

Ford FE Standard Bore

352	4.000"
360, 390, 410	4.050"
406, 428	4.130"
427	4.233"

CONNECTING RODS

7/16" ARP 8740 bolts standard

Alignment sleeves for precise cap location

GOOD

SIR I-BEAM

Forged 5140 steel
weight-matched +/- 2g
CNC sized big end
ARP 2000 upgrade
available

BEST

CRS H-BEAM

Sized with Sunnen Krossgrinder
weight-matched +/- 1g

Forged 4340 steel
ARP 2000 or L19 upgrade available



LENGTH	PIN SIZE	NOTES
6.490"	.975"	O.E. dimensions
6.700"	.990"	2.200" rod journal

"SIR" I-BEAM	WT.
-	-
SIR6700B	865

"CRS" H-BEAM	WT.	w/ARP 2000	w/ARP L19
CRS6490F3D	805	CRS6490F3D2000	-
CRS67003D	800	CRS67003D2000	CRS67003DL19

CRANKSHAFTS

An excellent alternative to O.E. crank.

.092" radiuses so standard bearings can be used.

Target bobweight guaranteed +/- 2% designed for internal balance.

Recommended for use in pump gas street engines, no power adders.



STROKE	MIN. ROD	NOTES
3.980"	6.490"	stock 428 stroke, internal / external balance
4.125"	6.700"	2.200" rod journals, internal balance
4.250"	6.700"	2.200" rod journals, internal balance

PART NO.	BOBWEIGHT	WEIGHT
104283980	2300	70
104284125	2300	74
104284250	2300	76



ROTATING ASSEMBLIES

Cast steel crankshaft with performance street bearings. Forged 4340 steel H-Beam rods with 7/16" ARP 8740 rod bolts. hypereutectic or forged 4032 pistons and plasma-moly rings.

Unbalanced kits must be balanced by qualified machine shop before use. Balanced kits require no additional balancing. Recommended for use in pump-gas, street engines. No power adders. Order by actual bore size - not oversize.



360, 390, 410 standard bore: 4.050"

STROKE	ROD	PISTON	76cc	88cc
3.980"	6.490" H	4032 SRP -20cc inv. dome	8.8	8.0
3.980"	6.490" H	4032 Diamond -11cc inv. dome	9.7	8.7
3.980"	6.490" H	4032 Mahle -7cc flat top	9.8	8.9
3.980"	6.490" H	4032 SRP -5cc flat top	10.2	9.2
4.125"	6.700"	4032 Mahle -26cc inv. dome	8.7	8.0
4.125"	6.700"	2618 Icon -16.3cc inv. dome	9.5	8.6
4.125"	6.700"	4032 Diamond -14cc inv. dome	9.7	8.8
4.125"	6.700"	4032 Mahle -7cc flat top	10.3	9.2
4.250"	6.700"	4032 Mahle -28cc inv. dome	8.8	8.1
4.250"	6.635" H	4032 Mahle -26cc inv. dome	9.0	8.2
4.250"	6.700"	4032 Mahle -18cc inv. dome	9.6	8.7
4.250"	6.700"	4032 Diamond -17cc inv. dome	9.7	8.8
4.250"	6.635" H	4032 Mahle -7cc flat top	10.5	9.5
4.250"	6.700"	4032 Mahle -7cc flat top	10.5	9.5

DISPLACEMENT		
4.080	4.090	4.100
416	-	-
416	418	420
416	418*	420*
416	-	-
431	434	-
431	434	-
431	434	436
431	434	436*
445	447	449
445	447	-
445	447	449
445	447	449
445	447	449*
445	447	449

UNBALANCED	BALANCED
15711	B15711
15712	B15712
15708	B15708
15709	B15709
15810	B15810
15811	B15811
15817	B15817
15812	B15812
15800	B15800
15714	B15714
15802	B15802
15803	B15803
15716	B15716
15804	B15804

406, 428 standard bore: 4.130"

STROKE	ROD	PISTON	76cc	88cc
3.980"	6.490" H	hyper KB -28cc inv. dome	8.6	7.9
3.980"	6.490" H	4032 SRP -20cc inv. dome	8.8	8.0
3.980"	6.490" H	4032 Diamond -14cc inv. dome	9.7	8.8
3.980"	6.490" H	4032 Diamond -6cc flat top	10.4	9.4
3.980"	6.490" H	4032 SRP -5cc flat top	10.2	9.2
4.125"	6.700"	4032 Diamond -17cc inv. dome	9.8	8.9
4.125"	6.700"	4032 Diamond flat top	10.8	9.7
4.250"	6.700"	4032 Mahle -33cc inv. dome	8.7	8.1
4.250"	6.700"	4032 Mahle -20cc inv. dome	9.7	8.8
4.250"	6.700"	4032 Diamond -21cc inv. dome	9.7	8.8
4.250"	6.700"	4032 Mahle -7cc flat top	10.9	9.8
4.250"	6.700"	4032 Diamond -6cc flat top	11.1	9.9

DISPLACEMENT					
4.155	4.160	4.165	4.170	4.175	4.185
-	-	-	435	-	-
432	-	-	-	-	-
432	-	434	-	436	438
432	-	434	-	436	438
432	-	-	-	-	-
448	-	450	-	452	454
448	-	450	-	452	454
-	462	-	-	-	-
-	462	-	464	-	-
461	462	463	464	466	468
-	462	-	464	-	-
461	462	463	464	466	468

UNBALANCED	BALANCED
15710	B15710
15711	B15711
15712	B15712
15708	B15708
15709	B15709
15817	B15817
15812	B15812
15800	B15800
15802	B15802
15803	B15803
15804	B15804
15818	B15818

427 standard bore: 4.233"

STROKE	ROD	PISTON	76cc	88cc
3.980"	6.490" H	4032 Diamond -11cc inv. dome	10.3	9.3
3.980"	6.490" H	4032 Diamond -cc flat top	10.8	9.7
4.125"	6.700"	4032 Diamond -14cc inv. dome	10.4	9.4
4.125"	6.700"	4032 Diamond -cc flat top	11.2	10.0
4.250"	6.700"	4032 Mahle -20cc inv. dome	10.0	9.2
4.250"	6.700"	4032 Diamond -17cc inv. dome	10.4	9.4
4.250"	6.700"	4032 Mahle -9cc flat top	11.1	10.3
4.250"	6.700"	4032 Diamond -cc flat top	11.5	10.3

DISPLACEMENT		
4.250	4.270	4.280
452	456	458
452	456	458
468	473	475
468	473	475
482	487	489
482	487	489
482	487	489
482	487	489

UNBALANCED	BALANCED
15712	B15712
15708	B15708
15817	B15817
15812	B15812
15802	B15802
15803	B15803
15819	B15819
15804	B15804

* uses 4032 Diamond pistons

HONDA / ACURA

H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging.
3/8" ARP 2000 rod bolts, unless otherwise noted.
Alignment sleeves for precise cap location.
Sizing performed with Sunnen Krossgrinding system.
Weight-matched to +/- 1g.
Recommended for competition use up to 900hp.

CRS H-BEAM

3/8" ARP 2000 bolts



EXTREME DUTY
3/8" ARP 625+ bolts
Additional surface finishing to maximize fatigue life.

ENGINE	LENGTH	WEIGHT	PIN SIZE	NOTES
D16 & ZC	5.394"	137.0mm	535	19mm all D16 & ZC
B16	5.290"	134.4mm	550	21mm will not fit B16B
B18A/B, B20B/Z	5.394"	137.0mm	535	21mm
special	5.531"	140.5mm	520	21mm "long" LS rod
special	5.862"	148.9mm	520	18mm 1.771" journal, 5/16" bolts
Dart B20+	5.967"	151.6mm	555	21mm 1.771" journal, 5/16" bolts
B18C1/5	5.430"	137.9mm	535	21mm
F22/H23	5.571"	141.5mm	540	22mm
H22	5.630"	143.0mm	550	22mm
H22 TypeS	5.630"	143.0mm	550	21.9mm use with TypeS pistons
F20C	6.023"	153.0mm	580	23mm
F22C	5.893"	149.7mm	575	23mm
K20a2	5.470"	138.9mm	495	22mm will not fit K20a3
K24	5.984"	152.0mm	550	22mm

CRS H-BEAM	EXTREME DUTY
CRS5394H3D	CRS5394HXD
CRS5290H3D	CRS5290HXD
CRS5394A3D	CRS5394AXD
CRS5531A3D	CRS5531AXD
CRS5862A3D	CRS5862AXD
CRS5967A3D	CRS5967AXD
CRS5430A3D	CRS5430AXD
CRS5571H3D	CRS5571HXD
CRS5630H3D	CRS5630HXD
CRS5630J3D	CRS5630JXD
CRS6023A3D	CRS6023AXD
CRS5893A3D	CRS5893AXD
CRS5470K3D	CRS5470KXD
CRS5984K3D	CRS5984KXD

NEW!

K20 COMPETITION ASSEMBLIES

Billet 4340 steel crankshaft, forged 4340 steel H-Beam rods.
3/8" ARP 2000 capscrew rod bolts (Extreme Duty upgrade available).
Forged pistons and plasma-moly file fit rings and performance bearings.
Standard bore size is 87.0mm

STROKE	ROD	PISTON	50.5cc	87.0	87.5	88.0
93mm	5.470	none	-	crank, rods, bearings kit		
93mm	5.470	2618 Traum -3.5cc inv. dome	10.2	2211	2237	2263
93mm	5.470	2618 Traum 13.6cc dome	13.6	2211	2237	2263

BILLET 4340 STEEL CRANK

H-BEAM RODS
3/8" ARP 2000 bolts, Extreme Duty rod upgrade available

FORGED PISTONS
Competition use. Race gas, power adders OK.

UNBALANCED	BALANCED
82121	-
82140	B82140
82141	B82141

NEW!

F20C / F22C COMPETITION ASSEMBLIES

Billet 4340 steel crankshaft, forged 4340 steel H-Beam rods.
3/8" ARP 2000 capscrew rod bolts (Extreme Duty upgrade available).
Forged pistons and plasma-moly file fit rings and performance bearings.
Standard bore size is 87.0mm

STROKE	ROD	PISTON	54cc	87.0	87.5	88.0
96.5mm	5.893	none	-	crank, rods, bearings kit		
96.5mm	5.893	2618 Traum -3.5cc inv. dome	10.4	2295	2321	2348
96.5mm	5.893	2618 Traum dome	call	2295	2321	2348

BILLET 4340 STEEL CRANK

H-BEAM RODS
3/8" ARP 2000 bolts, Extreme Duty rod upgrade available

FORGED PISTONS
Competition use. Race gas, power adders OK.

UNBALANCED	BALANCED
82220	-
82221	B82221
82222	B82222

4340 STEEL CRANKSHAFTS

Forged SAE 4340 steel with non-twist forging and multi-stage heat-treatment. Shot-peened, stress relieved, and nitrided for superior durability. Designed for internal balance without heavy metal. Bobweight guaranteed +/- 2%. .125" radiuses improve strength and rigidity. Chamfered or narrowed bearings required. Recommended for use up to 1000 hp. Approximate weight is 35 pounds.

FORGED

BILLET



ENGINE	STROKE	ROD WIDTH	NOTES
B16	3.031"	77.0mm	.945" stock B16 stroke
B16 stroker	3.334"	84.7mm	.945" use 1.030" pin height pistons
B18C	3.433"	87.2mm	.866" stock B18C stroke
B18B/B20B	3.504"	89.0mm	.945" stock B18A/B, B20B/Z stroke
B18 stroker	3.543"	90.0mm	.945"
B18 stroker	3.740"	95.0mm	.945" use 1.063" pin height pistons
K20 stroker	3.661"	93.0mm	.789" use 1.043" pin height pistons
F22C stroker	3.799"	96.5mm	.951" use 1.067" pin height pistons

PART NO.	LIGHTWEIGHT
1630311772	-
1633341772	1633341772LW
1834331772	-
1835041772	-
1835431772	-
1837401772	1837401772LW
-	-
-	-

PART NO.
-
-
-
-
-
3K2036615470
3F2037995893

HONDA / ACURA

B-SERIES COMPETITION ASSEMBLIES

Forged 4340 steel crankshaft, forged 4340 steel H-Beam rods. 3/8" ARP 2000 capscrew rod bolts (Extreme Duty upgrade available). Forged pistons and plasma-moly file fit rings and performance bearings. Standard bore size is 81.0mm (B16, B18), or 84.0mm (B20)



B16 block, 8.007" deck height

STROKE	ROD	PISTON	41.6cc	42.7cc
77mm	5.290	4032 Mahle -1cc flat top	9.1	8.9
77mm	5.290	4032 Mahle +9cc dome	11.2	10.9
77mm	5.290	2618 Arias -12/-13/-9cc inv. dome	8.3	8.2
77mm	5.290	2618 Arias -3cc flat top	9.9	9.8
77mm	5.290	2618 Arias +2cc dome	10.7	10.6
77mm	5.290	2618 Arias +7.4cc dome	12.0	11.8

DISPLACEMENT						
81.0	81.5	84.0	84.5	85.0	86.0	
-	1607	-	-	-	-	
1587	1607	-	-	-	-	
-	-	1707	1727	1748	-	
-	-	1707	1727	1748	1789	
-	-	1707	1727	1748	1789	
-	-	1707	1727	1748	1789	

UNBALANCED	BALANCED
81002	B81002
81003	B81003
81101	B81101
81102	B81102
81103	B81103
81104	B81104

B18/B20 block, 8.340" deck height

STROKE	ROD	PISTON	41.6cc	42.7cc
87.2mm	5.430	4032 Mahle -8cc inv. dome	9.2	9.0
87.2mm	5.430	4032 Mahle -1cc flat top	10.4	10.2
87.2mm	5.430	4032 Mahle +9cc dome	12.8	12.5
87.2mm	5.430	2618 Arias -12/-13/-9cc inv. dome	9.2	9.1
87.2mm	5.430	2618 Arias -3cc flat top	10.7	10.6
87.2mm	5.430	2618 Arias +2cc dome	11.9	11.8
89mm	5.394	4032 Mahle -8cc inv. dome	9.4	9.2
89mm	5.394	4032 Mahle -1cc flat top	10.6	10.4
89mm	5.394	4032 Mahle +9cc dome	13.1	12.7
89mm	5.394	2618 Arias -12/-13/-9 inv. dome	9.5	9.3
89mm	5.394	2618 Arias -3cc flat top	11.1	10.9
89mm	5.394	2618 Arias +2cc dome	12.4	12.1
89mm	5.394	2618 Arias +7.4cc dome	13.8	13.4

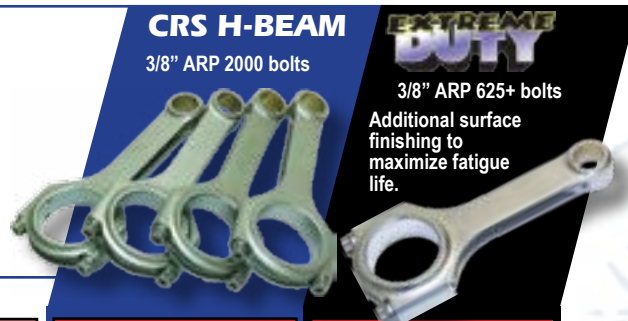
DISPLACEMENT						
81.0	81.5	84.0	84.5	85.0	86.0	
1797	1820	-	-	-	-	
-	1820	-	-	-	-	
1797	1820	-	-	-	-	
-	-	1933	1956	1979	-	
-	-	1933	1956	1979	2026	
-	-	1933	1956	1979	2026	
1834	1857	-	-	-	-	
-	1857	-	-	-	-	
1834	1857	-	-	-	-	
-	-	1973	1996	2020	-	
-	-	1973	1996	2020	2068	
-	-	1973	1996	2020	2068	
-	-	1973	1996	2020	2068	

UNBALANCED	BALANCED
83001	B83001
83002	B83002
83005	B83005
83101	B83101
83102	B83102
83103	B83103
82101	B82101
82102	B82102
82105	B82105
84101	B84101
84102	B84102
84103	B84103
84104	B84104

MAZDA

H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging.
3/8" ARP 2000 rod bolts, unless otherwise noted.
Alignment sleeves for precise cap location.
Sizing performed with Sunnen Krossgrinding system.
Weight-matched to +/- 1g.
Recommended for competition use up to 900hp.



ENGINE	LENGTH	WEIGHT	PIN SIZE	NOTES
B6 / BP	5.233"	132.9mm	535	20mm all 1.6 & 1.8 Miata
MZR 2.3L	5.927"	150.5mm	580	22mm DI 2.3 turbo
MZR 2.3L	5.927"	150.5mm	580	22.5mm DI 2.3 turbo
2.3L	6.094"	154.8mm	565	21mm 2.3L Duratec non-turbo

CRS H-BEAM	EXTREME DUTY
CRS5233M3D	CRS5233MXD
CRS5927M13D	CRS5927M1XD
CRS5927M23D	CRS5927M2XD
CRS6094F3D	CRS6094FXD

MITSUBISHI

H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging.
3/8" ARP 2000 rod bolts, unless otherwise noted.
Alignment sleeves for precise cap location.
Sizing performed with Sunnen Krossgrinding system.
Weight-matched to +/- 1g.
Recommended for competition use up to 900hp.



ENGINE	LENGTH	WEIGHT	PIN SIZE	NOTES
420A	5.472"	139.0mm	535	21mm
early 4G63	5.900"	150.0mm	575	21mm "6 bolt" 89-92
late 4G63	5.900"	150.0mm	580	22mm "7 bolt" 93 & newer
early 4G63	5.900"	150.0mm	575	22mm for use with newer pistons with 22mm pins
4B11T	5.659"	148.7mm	565	23mm Evo X

CRS H-BEAM	EXTREME DUTY
CRS5472N3D	CRS5472N3D
CRS5900MA3D	CRS5900MA3D
CRS5900MB3D	CRS5900MB3D
CRS5900MC3D	CRS5900MC3D
CRS5659M3D	CRS5659M3D

Crank walk is a hot topic among Mitsubishi enthusiasts. The problem is due to inadequate load area on early 7-bolt (93-97) 4G63 engines. These engines had a "half circle" thrust surface that did not provide adequate load capacity to handle severe thrust loads. Mitsubishi's solution to the problem was to change to a "full circle" thrust washer design which effectively doubled the thrust capacity of the engine. This change was implemented for 1998 and later 4G63 engines.

4340 STEEL CRANKSHAFTS

Forged SAE 4340 steel with non-twist forging and multi-stage heat-treatment. Shot-peened, stress relieved, and nitrided for superior durability. Designed for internal balance without heavy metal. Bobweight guaranteed +/- 2%. .125" radiuses improve strength and rigidity. Chamfered or narrowed bearings required. Recommended for use up to 1000 hp. Approximate weight is 35 pounds.

FORGED

BILLET



ENGINE	STROKE	NOTES
4G63	3.465"	88mm stock stroke
4G63 stroker	3.700"	94mm use with 1.248" pin height pistons
4G64	3.937"	100mm 4G64 stock stroke
4B11T stroker	3.700"	94mm use with 1.165" pin height pistons

6 BOLT PART NO.	7 BOLT PART NO.	PART NO.
2034655900A6	2034655900B7	-
2037005900A6	2037005900B7	-
2439375900A6	2039375900B7	-
-	-	34B137015659

4G63 COMPETITION ASSEMBLIES

Forged 4340 steel crankshaft, forged 4340 steel H-Beam rods. 3/8" ARP 2000 capscrew rod bolts (Extreme Duty upgrade available). Forged pistons and plasma-moly file fit rings and performance bearings. Standard bore size is 85.0mm.



6-bolt crank (89-92)

STROKE	ROD	PISTON	47cc	85.5	86.0
88mm	5.900"	4032 Mahle -10cc inv. dome	9.0	2021	2045
88mm	5.900"	2618 Mahle -10cc inv. dome	9.0	2021	2045
94mm	5.900"	2618 Mahle -14cc inv. dome	9.0	2159	2184
100mm	5.900"	4032 Mahle -19cc inv. dome	9.0	2297	2324
100mm	5.900"	2618 Mahle -19cc inv. dome	9.0	2297	2324

UNBALANCED	BALANCED
86200	B86200
86201	B86201
86210	B86210
86215	B86215
86216	B86216

7-bolt crank (93 & up)

STROKE	ROD	PISTON	47cc	85.5	86.0
88mm	5.900"	4032 Mahle -10cc inv. dome	9.0	2021	2045
88mm	5.900"	2618 Mahle -10cc inv. dome	9.0	2021	2045
94mm	5.900"	2618 Mahle -14cc inv. dome	9.0	2159	2184
100mm	5.900"	4032 Mahle -19cc inv. dome	9.0	2297	2324
100mm	5.900"	2618 Mahle -19cc inv. dome	9.0	2297	2324

93-97 7-Bolt	98 & up 7-bolt
UNBALANCED	BALANCED
86220	B86220
86221	B86221
86230	B86230
86235	B86235
86236	B86236

BILLET 4340 STEEL CRANK

H-BEAM RODS
3/8" ARP 2000 bolts, Extreme Duty rod upgrade available

FORGED PISTONS
Competition use. Race gas, power adders OK.

4B11T COMPETITION ASSEMBLIES

Billet 4340 steel crankshaft, forged 4340 steel H-Beam rods. 3/8" ARP 2000 capscrew rod bolts (Extreme Duty upgrade available). Forged pistons and plasma-moly file fit rings and performance bearings. Standard bore size is 86.0mm. 90mm pistons require aftermarket sleeves.

STROKE	ROD	PISTON	49cc	86.0	86.5	90.0
94mm	5.659	none	-	crank, rods, bearings kit		
94mm	5.659	2618 Diamond -12cc inv. dome	9.1	2184	2210	2392
94mm	5.659	2618 Diamond -4.5cc inv. dome	10.1	2184	2210	2392

UNBALANCED	BALANCED
86120	-
86121	B86121
86122	B86122



H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging. Weight-matched to +/- 1g.
3/8" ARP 2000 rod bolts, unless otherwise noted.
Alignment sleeves for precise cap location.
Sizing performed with Sunnen Krossgrinding system.

CRS H-BEAM

3/8" ARP 2000 bolts



EXTREME DUTY

3/8" ARP 625+ bolts
Additional surface finishing to maximize fatigue life.



ENGINE	LENGTH	WEIGHT	PIN SIZE	NOTES
RB26	4.783"	121.5mm	495	21mm
CA18	5.236"	133.0mm	560	20mm
SR20	5.365"	136.3mm	535	22mm
VQ35	5.680"	144.3mm	555	22mm
VQ37	5.886"	149.5mm	565	22mm
VG30	6.071"	154.2mm	580	22mm
KA24	6.496"	165.0mm	630	21mm

CRS H-BEAM

CRS4783N3D

CRS5236N3D

CRS5365N3D

CRS5680N3D

CRS5886N3D

CRS6071N3D

CRS6496N3D

EXTREME DUTY

CRS4783NXD

CRS5236NXD

CRS5365NXD

CRS5680NXD

CRS5886NXD

CRS6071NXD

CRS6496NXD

NEW!

4340 STEEL CRANKSHAFTS

Billet SAE 4340 steel with multi-stage heat-treatment.
Shot-peened, stress relieved, and nitrided for superior durability.
Designed for internal balance without heavy metal. Bobweight guaranteed +/- 2%.
.125" radiuses improve strength and rigidity. Chamfered or narrowed bearings required.



ENGINE	STROKE	NOTES
SR20 stroker	3.583" 91mm	use with 1.154" pin height pistons
RB26 stroker	3.059" 77.7mm	use with 1.112" pin height pistons

PART NO.

3SR235855365

3RB230594783

NEW!

SR20 COMPETITION ASSEMBLIES

Billet 4340 steel crankshaft, forged 4340 steel H-Beam rods.
3/8" ARP 2000 capscrew rod bolts (Extreme Duty upgrade available).
Forged pistons and plasma-moly file fit rings and performance bearings.
Standard bore size is 86.0mm. Aftermarket sleeves required for 92mm bore.

BILLET 4340 STEEL CRANK

H-BEAM RODS

3/8" ARP 2000 bolts, Extreme Duty rod upgrade available

FORGED PISTONS

Competition use. Race gas, power adders OK.

STROKE	ROD	PISTON	46.5cc	86.0	86.5	87.0	92.0
91mm	5.365	none	-	crank, rods, bearings kit			
91mm	5.365	2618 Traum -7.8cc inv. dome	10.2	2114	2139	2164	2420
91mm	5.365	2618 Traum 10.8cc dome	14.5	2114	2139	2164	2420

VVT head

STROKE	ROD	PISTON	41.5cc	86.0	86.5	87.0	92.0
91mm	5.365	2618 Traum -7.8cc inv. dome	11.0	2114	2139	2164	2420
91mm	5.365	2618 Traum 10.8cc dome	15.2	2114	2139	2164	2420

UNBALANCED	BALANCED
85110	-
85111	B85111
85112	B85112

UNBALANCED	BALANCED
85113	B85113
85114	B85114

NEW!

RB26DETT COMPETITION ASSEMBLIES

Billet 4340 steel crankshaft, forged 4340 steel H-Beam rods.
3/8" ARP 2000 capscrew rod bolts (Extreme Duty upgrade available).
Forged pistons and plasma-moly file fit rings and performance bearings.
Standard bore size is 86.0mm.

BILLET 4340 STEEL CRANK

H-BEAM RODS

3/8" ARP 2000 bolts, Extreme Duty rod upgrade available

FORGED PISTONS

Competition use. Race gas, power adders OK.

STROKE	ROD	PISTON	65.5cc	86.0	86.5	87.0
77.7mm	4.783	none	-	crank, rods, bearings kit		
77.7mm	4.783	2618 Traum -20cc inv. dome	10.1	2708	2740	2771
77.7mm	4.783	2618 Traum -15cc inv. dome	11.1	2708	2740	2771

UNBALANCED	BALANCED
87120	-
87121	B87121
87122	B87122

OLDSMOBILE

4340 STEEL H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging.
7/16" ARP 8740 rod bolts (ARP 2000 and L19 available).
Alignment sleeves for precise cap location.
Sizing performed with Sunnen Krossgrinding system.
Weight-matched to +/- 1g.
Recommended for competition use.

LENGTH	WEIGHT	PIN SIZE	NOTES
6.735"	820	.980"	
7.100"	825	.990"	2.200" rod journal for use with stroker crank

CRS H-BEAM



"CRS" H-BEAM	w/ARP 2000	w/ARP L19
CRS673503D	CRS673503D2000	-
CRS71003D	CRS71003D2000	CRS71003DL19

CRANKSHAFTS

An excellent alternative to O.E. crank.
.092" radiuses so standard bearings can be used.
Target bobweight guaranteed +/- 2%.
Recommended for use in pump gas street engines, no power adders.

CAST STEEL



STROKE	MIN. ROD	BALANCE	NOTES
4.250"	6.735"	external	O.E. style balance
4.500"	7.100"	internal	2.200" rod journals, use CRS71003D rods

PART NO.	BOBWEIGHT	WEIGHT
104554260	2425	70
104554500	2350	66

ROTATING ASSEMBLIES

Cast steel crankshaft with performance street bearings.
Forged 4340 steel H-Beam rods with 7/16" ARP 8740 rod bolts.
hypereutectic or forged 4032 pistons and plasma-moly rings.
Unbalanced kits must be balanced by qualified machine shop before use.
Standard bore size: 4.125"
Recommended for use in pump-gas, street engines. No power adders.



STROKE	ROD	PISTON	RINGS	77cc	84cc
4.250"	6.735"	hyper KB -30cc inv. dome	FF	9.0	8.5
4.250"	6.735"	4032 Icon -25cc inv. dome	FF	9.3	8.8
4.250"	6.735"	4032 ProTru -15cc inv. dome	FF	10.1	9.6
4.250"	6.735"	4032 Icon -14.4cc inv. dome	FF	10.2	9.6
4.250"	6.735"	4032 SRP -5cc flat top	FF	11.0	10.3
4.250"	6.735"	4032 Diamond -1.3cc flat top	FF	11.5	10.8
4.500"	7.100"	4032 Mahle -22cc inv. dome	FF	10.0	9.5
4.500"	7.100"	4032 Diamond -15cc inv. dome	FF	10.7	10.1

030	040	060
461	463	468
461	463	468
461	-	-
461	463	468
461	-	468
461	463	468
488	-	495
488	491	-

UNBALANCED	BALANCED
42101	B42101
42103	B42103
42102	B42102
42104	B42104
42100	B42100
42106	B42106
42105	B42105
42107	B42107



PONTIAC

CONNECTING RODS

Alignment sleeves for precise cap location.

GOOD

SIR I-BEAM

Forged 5140 steel
7/16" ARP 8740 bolts
weight-matched +/- 2g
CNC sized big end
ARP 2000 upgrade available

BETTER

FSI I-BEAM

Forged 4340 steel
7/16" ARP 8740 bolts
weight-matched +/- 1g
ARP 2000 upgrade available

BEST

CRS H-BEAM

Forged 4340 steel 7/16" ARP 8740 bolts
weight-matched +/- 1g
ARP L19 upgrade available
Sized with Sunnen Krossgrinder



LENGTH	PIN SIZE	NOTES
6.625"	.980"	bushed
6.625"	.980"	press-fit
6.800"	.990"	2.200" rod journal

"SIR" I-BEAM	WT.
-	-
-	-
SIR6800B	875

"FSI" I-BEAM	WT.
-	-
-	-
FSI6800	790

"CRS" H-BEAM	w/ ARP 2000	WT.
CRS6625P3D	CRS6625P3D2000	760
CRS6625PP3D	-	760
CRS68003D	CRS68003D2000	805

ROTATING ASSEMBLIES

Unbalanced assemblies MUST be balanced by qualified machine shop before use.
Assemblies balanced by Eagle require no additional balancing.

Assemblies include crank, rods, pistons, rings, and bearings
(OE replacement bearings with cast crank, racing bearings with forged crank).

Compression ratios calculated considering uncut block, 4.155" bore size, and .040" head gasket thickness.

400 Block, standard bore 4.120"

TOP
SELLER

STROKE	ROD	PISTON	RINGS	75cc	85cc	111cc
4.250"	6.800"	4032 Mahle -22cc inv. dome	FF	9.6	8.9	7.5
4.250"	6.800"	4032 Mahle -6cc flat top	FF	11.0	10.1	8.3
4.500"	6.800"	4032 Mahle -6cc flat top	FF	11.6	10.6	8.7

035	065
461	468
461	468
488	495

455 Block, standard bore 4.155"

NEW!
NEW!
NEW!

STROKE	ROD	PISTON	RINGS	75cc	85cc	111cc
4.210"	6.625" H	hyper KB -30.5cc inv. dome	FF	9.2	8.6	7.3
4.210"	6.625" H	hyper KB -6cc inv. dome	FF	11.3	10.3	8.4
4.210"	6.625" H	4032 SRP -5cc flat top	FF	11.2	10.2	8.3
4.210"	6.625" H	hyper KB 0cc dome	FF	12.1	10.9	8.8
4.250"	6.800"	4032 Mahle -22cc inv. dome	FF	9.7	9.0	7.5
4.250"	6.800"	4032 Mahle -6cc flat top	FF	11.1	10.2	8.3
4.500"	6.800"	4032 Mahle -6cc flat top	FF	11.6	10.6	8.7

030	040	060
463	465	469
463	465	469
463		
463	465	469
468		
468		
495		

CRANKSHAFTS

Bobweight listed is +/- 2% GUARANTEED

Forged cranks designed for internal balance without heavy metal.

Pontiac 400 mains (3.000")

STROKE	MIN. ROD	NOTES
4.210"	6.625"	
4.250"	6.700"	2.200" rod journals
4.350"	6.800"	2.200" rod journals
4.500"	6.800"	2.200" rod journals

Pontiac 455 mains (3.250")

STROKE	MIN. ROD	NOTES
4.210"	6.625"	
4.250"	6.700"	2.200" rod journals
4.500"	6.800"	2.200" rod journals

GOOD

CAST STEEL



.092" radiuses

Recommended for use in pump-gas street engines, no power-adders.

PART NO.	BOBWEIGHT	WEIGHT
-	-	-
104004250	2280	67
-	-	-
-	-	-

BEST

4340 STEEL



.125" radiuses

Intended for internal balance without heavy metal.

Recommended for use in competition engines, anything goes.

PART NO.	BOBWEIGHT	WEIGHT
440042106625	2280	75
440042506700	2280	74
440043506800	2280	73
440045006800	2280	75

PART NO.	BOBWEIGHT	WEIGHT
104554210	2280	69
104554250	2280	68
-	-	-

PART NO.	BOBWEIGHT	WEIGHT
445542106625	2280	74
445542506700	2280	75
445545006800	2280	74

GOOD

CAST CRANKSHAFT

'SIR' I-BEAM RODS
3/8" ARP 8740 bolts

HYPEREUTECTIC or FORGED PISTONS

Pump gas street car, no power adders

UNBALANCED	BALANCED
52401	B52401
52410	B52410
-	-

UNBALANCED	BALANCED
51406	B51406
51407	B51407
51402	B51402
51408	B51408
52405	B52405
52413	B52413
-	-

BETTER

FORGED 4340 STEEL CRANK

'FSI' I-BEAM RODS
ARP 2000 bolt upgrade available

PREMIUM FORGED PISTONS

Pump gas street car. Power adders OK.

UNBALANCED	BALANCED
61510	B61510
61500	B61500
61501	B61501

UNBALANCED	BALANCED
-	-
-	-
-	-
-	-
52505	B52505
51503	B51503
51504	B51504

BEST

FORGED 4340 STEEL CRANK

H-BEAM RODS
ARP 2000 or L19 bolt upgrade available

PREMIUM FORGED PISTONS

Competition use. Race gas, power adders OK.

UNBALANCED	BALANCED
51510	B51510
51500	B51500
51501	B51501

UNBALANCED	BALANCED
-	-
-	-
51502	B51502
-	-
52505	B52505
51503	B51503
51504	B51504

SUBARU

H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging. Weight-matched to +/- 1g.

3/8" ARP 2000 rod bolts, unless otherwise noted.

Alignment sleeves for precise cap location.

Sizing performed with Sunnen Krossgrinding system.

CRS H-BEAM

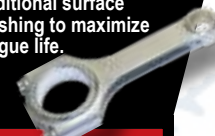
3/8" ARP 2000 bolts



EXTREME DUTY

3/8" ARP 625+ bolts

Additional surface finishing to maximize fatigue life.



CRS H-BEAM

CRS5089S3D

CRS5137S3D

CRS5232S3D

EXTREME DUTY

CRS5089SXD

CRS5137SXD

CRS5232SXD

ENGINE	LENGTH		WEIGHT	PIN	NOTES
FA20	5.089"	129.4mm	540	22mm	Subaru BRZ
EJ20, EJ257	5.137"	130.5mm	530	23mm	
EJ long rod	5.365"	136.3mm	535	22mm	use with stock stroke crank & stroker pistons

BILLET 4340 STEEL CRANKS

Billet SAE 4340 steel with multi-stage heat-treatment.

Shot-peened, stress relieved, and nitrided for superior durability.

Designed for internal balance without heavy metal. Bobweight guaranteed +/- 2%.

.125" radiuses improve strength and rigidity. Chamfered or narrowed bearings required.



ENGINE

STROKE

NOTES

EJ257	3.110"	79mm	
EJ25 stroker	3.268"	83mm	use with 1.130" pin height pistons

PART NO.

3EJ231105137

3EJ232685137

EJ COMPETITION ASSEMBLIES

Billet 4340 steel crankshaft, forged 4340 steel H-Beam rods.

3/8" ARP 2000 capscrew rod bolts (Extreme Duty upgrade available).

Forged pistons and plasma-moly file fit rings and performance bearings.

Standard bore size is 86.0mm. Aftermarket sleeves required for 92mm bore.

EJ20/207, 92mm standard bore

STROKE	ROD	PISTON	56cc
79mm	5.137	none	-
79mm	5.137	4032 Mahle -16cc inv. dome	8.0
79mm	5.137	2618 Mahle -16cc inv. dome	8.0

92.5	93.0
crank, rods, bearings kit	
2124	2147
2124	-

EJ25/257, 99.5mm standard bore

STROKE	ROD	PISTON	56cc
79mm	5.137	4032 Mahle -22cc inv. dome	8.2
79mm	5.137	2618 Mahle -22cc inv. dome	8.2
79mm	5.137	2618 Diamond -15.5cc inv. dome	8.4
79mm	5.137	4032 Mahle -10cc inv. dome	9.3
79mm	5.137	2618 Diamond -4.5cc flat top	10.0
83mm	5.137	none	-
83mm	5.137	2618 Diamond -26cc inv. dome	8.2
83mm	5.137	2618 CP -22.1cc inv. dome	8.5
83mm	5.137	2618 CP -17.1cc inv. dome	9.0
83mm	5.137	2618 CP -7.8cc inv. dome	10.0

99.5	99.75	100.0	100.5
2457	2469	2482	-
2457	2469	2482	-
2457	2469	2482	-
2457	2469	2482	-
2457	2469	2482	-
crank, rods, bearings kit			
2582	2594	2608	2634
2582	2594	2608	2634
2582	2594	2608	2634
2582	2594	2608	2634

BILLET 4340 STEEL CRANK

H-BEAM RODS

3/8" ARP 2000 bolts, Extreme Duty rod upgrade available

FORGED PISTONS

Competition use. Race gas, power adders OK.

UNBALANCED	BALANCED
89110	-
89112	B89112
89111	B89111

UNBALANCED	BALANCED
89113	B89113
89114	B89114
89115	B89115
89116	B89116
89117	B89117
89020	-
89021	B89021
89022	B89022
89023	B89023
89024	B89024

TOYOTA

H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging. Weight-matched to +/- 1g.

3/8" ARP 2000 rod bolts, unless otherwise noted.

Alignment sleeves for precise cap location.

Sizing performed with Sunnen Krossgrinding system.



CRS H-BEAM

3/8" ARP 2000 bolts

EXTREME DUTY

3/8" ARP 625+ bolts
Additional surface
finishing to maximize
fatigue life.

ENGINE	LENGTH	WEIGHT	PIN SIZE	NOTES
3TC, 2TG	4.850"	123.2mm	545	22mm
4UGSE	5.089"	129.3mm	540	22mm 86GT, Scion FR-S
2RZ	5.315"	135.0mm	600	24mm
3SGTE	5.428"	137.9mm	555	22mm
2JZGTE	5.590"	142.0mm	590	22mm
1UZFE	5.751"	146.0mm	615	22mm 7/16" ARP 8740 bolts, ARP 2000 available
22R	5.819"	147.8mm	680	22mm 7/16" ARP 8740 bolts
7MGTE	5.984"	152.0mm	615	22mm

CRS H-BEAM	EXTREME DUTY
CRS4850TA3D	CRS4850TAXD
CRS5089S3D	CRS5089SXD
CRS5315T3D	CRS5315TXD
CRS5428T3D	CRS5428TXD
CRS5590T3D	CRS5590TXD
CRS5751T3D	-
CRS5819T3D	-
CRS5984T3D	CRS5984TXD

NEW!

4340 STEEL CRANKSHAFTS

Billet SAE 4340 steel with multi-stage heat-treatment.

Shot-peened, stress relieved, and nitrided for superior durability.

Designed for internal balance without heavy metal. Bobweight guaranteed +/- 2%.

.125" radiuses improve strength and rigidity. Chamfered or narrowed bearings required.



ENGINE	STROKE	NOTES
2JZ stroker	3.700"	94mm use with 1.181" pin height pistons

PART NO.
32JZ37015590

NEW!

2JZ COMPETITION ASSEMBLIES

Billet 4340 steel crankshaft, forged 4340 steel H-Beam rods.

3/8" ARP 2000 capscrew rod bolts (Extreme Duty upgrade available).

Forged pistons and plasma-moly file fit rings and performance bearings.

Standard bore size is 86.0mm. Aftermarket sleeves required for 92mm bore.

BILLET 4340 STEEL CRANK

H-BEAM RODS

3/8" ARP 2000 bolts, Extreme Duty rod upgrade available

FORGED PISTONS

Competition use. Race gas, power adders OK.

STROKE	ROD	PISTON	45cc	86.0	86.5	90.0
94mm	5.590	none	-	crank, rods, bearings kit		
94mm	5.590	2618 Diamond -20.7cc inv. dome	8.6	3276	3314	3588
94mm	5.590	2618 Diamond -16.2cc inv. dome	9.1	3276	3314	3588
94mm	5.590	2618 JE -14cc inv. dome	9.5	3276	3314	3588
94mm	5.590	2618 Diamond -8.6cc inv. dome	10.1	3276	3314	3588

UNBALANCED	BALANCED
87210	-
87211	B87211
87212	B87212
87213	B87213
87214	B87214



VOLKSWAGEN/AUDI

H-BEAM RODS

Forged SAE 4340 steel from 2 piece forging. Weight-matched to +/- 1g.

3/8" ARP 2000 rod bolts, unless otherwise noted.

Alignment sleeves for precise cap location.

Sizing performed with Sunnen Krossgrinding system.

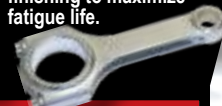
CRS H-BEAM

3/8" ARP 2000 bolts



EXTREME DUTY

3/8" ARP 625+ bolts
Additional surface finishing to maximize fatigue life.



CRS H-BEAM	EXTREME DUTY
CRS5669A3D	CRS5669AXD
CRS6260V3D	CRS6260VXD
CRS6457V13D	-
CRS6457V23D	CRS6457V2XD

ENGINE	LENGTH	WEIGHT	PIN SIZE	NOTES
1.8T, 2.0T	5.669"	144mm	575	20mm
ABA/ABF	6.260"	159mm	615	21mm 2.0 TSFI
VR6	6.457"	164mm	555	20mm 5/16" bolts
VR6	6.457"	164mm	590	20mm 3/8" bolts, minimum 84.5mm bore.



Eagle's QPAC crankshaft polishing system and proprietary polishing media produce an industry-leading 0-3 r.a. journal finish on all forged crankshafts.

CHRYSLER PILOT BUSHINGS

Eagle cranks require a special pilot bushing when used with manual transmission.



APPLICATION
Chrysler 318 & 340
Chrysler 360

PART NO.
PB3
PB2

SILICON BRONZE PIN BUSHINGS

Made from silicon bronze.

High oil retention and durability.

Inside dimension is unfinished and must be bored/honed to size.



ID	OD	LENGTH
.695"	.810"	.700"
.775"	.890"	.708"
.730"	.849"	.788"
.808"	.925"	.930"
.808"	.925"	1.030"
.908"	.972"	1.050"
.925"	.972"	1.050"
.890"	.995"	1.005"
.930"	1.042"	1.050"
.988"	1.042"	1.140"
.930"	1.042"	1.230"
.984"	1.105"	1.235"
1.075"	1.154"	1.240"

PART NO.
B748
B775
B788
B808
B810
B927
B928
B930
B984
B991
B990C
B1040
B1094

REPLACEMENT ROD BOLTS

Manufactured by ARP specifically for use in Eagle rods.

Not the same as "off the shelf" ARP bolts.

ARP Ultra-torque assembly lube included.

Always check big end bore after upgrading or replacing bolts.



THREAD DIA.	TYPE	UHL
7/16"	8740	1.400"
7/16"	8740	1.600"
7/16"	8740	1.750"
7/16"	8740	1.800"
7/16"	2000	1.600"
7/16"	2000	1.800"
7/16"	L19	1.600"
7/16"	L19	1.750"
3/8"	8740	1.500"
3/8"	2000	1.500"
3/8"	Custom Age 625+	1.500"
5/16"	2000	1.500"

EACH	Set of 8	Set of 12	Set of 16
12005-1			12005
871600			12000
871700			12080
871800			12070
201600			20000
201800			20030
191600			14000
191700			14020
871500			12055
201500	20060		20070
30000-1	30000-8	30000-12	
201400	20050		

ROD CAP ALIGNMENT SLEEVES

Precise sizing to align rod cap perfectly.



BOLT SIZE	OD
7/16"	.500"
5/16"	.375"
3/8"	.438"
3/8"	.441"

PART NO.
10000
10003
10004
10005



CRANKSHAFT OPTIONS

ESP ARMOR SURFACE FINISHING

ESP Armor is a unique surface finishing process that results in an incredibly slick surface. By giving the oil a slicker surface to slide along, the bearing friction is reduced. This will also be evident in slower oil heating, and reduced windage losses. You will also notice that your bearings will live longer as a result of ESP Armor. The finish is unmistakable. Although it resembles chrome, it is not a coating that might flake off or wear out. Eagle is so confident in the effects ESP Armor has on our rods and cranks that we include a ONE YEAR LIMITED WARRANTY against breakage when ESP Armor is used on any 4340 steel crankshaft.



DESCRIPTION

ESP Armor surface finishing

PART NO.

AR100

PENDULUM UNDERCUTTING

Most any crankshaft can have the counterweights pendulum undercut. This process reduces weight by removing material in low-stress locations so the effect on strength is minimal. These areas are difficult to reach and require specialized CNC equipment and tooling. Typical weight reductions are from 2-5 pounds depending on the original design of the crankshaft.



DESCRIPTION

Pendulum undercut counterweights

PART NO.

P100

SECOND KEYWAY FOR BLOWER HUB

Due to the added shearing forces a blower pulley puts on the crankshaft key, a second keyway machined 180 degrees from the original keyway is a popular option. Available on most crankshafts, this is a great way to help reduce key breakages on blower applications.



DESCRIPTION

for second 3/16" keyway

for second 1/4" keyway

PART NO.

A100

A110

ROUND REAR FLANGE FOR SPRINT CAR

A typical rear flywheel flange cannot be used in a sprint car application due to the unique drive system. Eagle can machine the rear flywheel flange round for use in sprint cars. This, of course, should be done before balancing.



DESCRIPTION

round flywheel flange machining

PART NO.

M100



TERMS & CONDITIONS

Hours: 8:00 am to 5:00 p.m. C. S. T. Monday - Friday
Ordering: Telephone.....662-796-7373
Fax.....662-796-7374
E-mail.....service@eaglerod.com

Payment:

Cashier's check, company check (upon approval), COD, Mastercard, Visa, and bank wire transfer accepted. Orders paid by credit card must be shipped to the billing address of the card holder. Personal checks require shipment to be held for two weeks for check to clear the bank. We will accept company checks with proper credit approval from our credit department. All orders outside of the U.S. must be paid in advance, no COD.

Shipping:

Shelf stocking orders are normally shipped the same day via UPS or Fed Ex if received by 3:00 p.m. CST. We also use truck freight lines on larger orders. Shipments are F. O. B. Southaven, MS. Full freight credit is allowed on orders of \$3500 or more (excluding cast crankshafts). All expenses resulting from refused shipments are the responsibility of the customer. Full payment of this amount is required before further orders will be shipped.

No drop-shipments.

Returns:

If you are not completely satisfied with any product purchased from Eagle Specialty Products, Inc., you may return it freight prepaid in new and unused condition within 30 days of purchase for a full refund. Contact our returns department for a return authorization number prior to returning any parts. A copy of the original sales invoice must accompany all returns. No returns allowed on custom or special order parts.

Important Notice:

Except as otherwise described as herein, Eagle Specialty Products, Inc. merchandise is sold without any expressed or implied warranty. Eagle Specialty Products, Inc. shall not, under any circumstances, be liable for special, incidental, or consequential damages including, but not limited to, damages or loss of any property or equipment, loss of profits or revenue, cost of purchased or replacement goods, or claims of customers of the purchaser which may arise and/or result from the sale, installation, or use of these parts. Eagle Specialty Products, Inc. reserves the right to alter the design or initiate product changes without incurring liability or obligation with respect to similar products previously manufactured.

Stock Adjustments:

Stock adjustments are allowed provided an offsetting order of double the value of the return is placed at the same time. Contact our returns department for a return authorization number prior to returning any parts. All returned merchandise must be in new and unused condition and must be current stocking items.

Guarantee:

All Eagle Specialty Products are guaranteed to be free of defects in original material and workmanship. This guarantee is limited to and shall not exceed a period of one (1) year from the original date of purchase. This guarantee is void on all products that show evidence of misapplication, heat, improper installation, abuse, lack of proper maintenance, or alteration from it's original design. Eagle has no control over the assembly and/or modification of components in an engine. Eagle's sole obligation under this guarantee is to repair or replace the defective product, or refund the original purchase price, at it's sole option. There is no further guarantee, either expressed or implied, by Eagle Specialty Products, Inc. or it's agents or representatives.

Warranty:

Standard weight 4340 steel cranks and H-beam rods with optional ESP Armor finishing process come with a twelve (12) month limited manufacturers warranty. Contact our sales department for further details.

Pricing:

Pricing is subject to change without notice.

No part of this catalog may be reproduced without written consent of Eagle Specialty Products, Inc. Eagle Specialty Products is not responsible for any errors or omissions in printing.

NEW FOR 2018!



"FSI" 4340 I-Beam rods

Chevrolet LS - see page 26
Chevrolet big block 6.135" - see page 33
Ford 302 - see page 52

"CRS" H-Beam rods

Ford 2.0 & 2.3 EcoBoost - see page 48
Ford 3.5 & 3.7 EcoBoost - see page 48
Subaru FA20 / Toyota 4UGSE - see page 70 & 71
Subaru EJ257 long rod - see page 70

Forged 4140 steel cranks

Chevrolet small block - see page 13
Chevrolet LS - see page 27
Chevrolet big block - see page 33

Billet 4340 steel cranks

Honda K20 - see page 63
Honda F20C/F22C - see page 63
Mitsubishi 4B11T - see page 65
Nissan SR20 - see page 66
Nissan RB26 - see page 66
Subaru EJ257 - see page 70
Toyota 2JZ - see page 71

Over 1900 new rotating assemblies!

Including new Pro Street kits featuring our forged 4140 steel crank, FSI 4340 steel I-Beam rods, and a variety of pistons.

**8530 Aaron Lane
Southaven, MS 38671**

**phone: 662-796-7373
fax: 662-796-7374**

service@eaglerod.com

www.eaglerod.com

