

CHONGQING YOUFU METAL PRODUCT CO.,LTD

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4340 PERFORMANCE CON-RODS

SPECIFICATION AND LIST



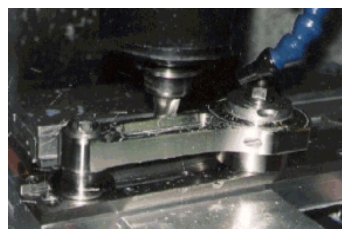
FORGED RODS BLANK



CNC MACINING



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1.Our rod forging is made of air space high-quality 40CrNiMoA Alloy Steel(American SAE 4340) for all high performance racing rods. The rod itself and cap have been stamped and forged separately which ensures the fiber direction of metal structures conformable to the stress direction during the movement of the connecting rod and further maintain the strength of the rod. Auto Controlled Continuous Furnace is employed for heat treatment and this kind of treatment ensures the strength inside and outside the forging stay the same and also improves the mechanical property significantly.

2. Precision Control Accuracy of the connecting rod:

A. Big End Tolerance: +/-0.00017"

B. Small End Tolerance: +/-0.00017"

C. Verticality, Parallelism and Distortion: +/-0.00018"

D. Center to Center Distance Tolerance: +/-0.001"

E. Verticality and Parallelism Tolerance between Two Bolt Holes: 0.0004"

F. Return Tolerance of Big Hole Repeat Assemble: 0.00018"

3. Coverage factor of cloudbursting is 100%. After cloudbursting, the connecting rods will be stress arising from the machine work and to from deformation.
4. Inspect each procedure completely in order to prevent defective works from entering into the following procedure and to further ensure 100% pass.
5. Manufacture the connecting rod in consideration of the properties of ARP bolts used in order to produce a perfect operation between the bolt and the rod.
6. Balance Weight of Big and Small Ends: weight difference of every small end is not more than +/-1g and its total weight is not more than +/-1g.

连杆数据(PERFORMANCE RODS FORM)									
RF	MODLE	CC	BN	SN	SCREW THREAD	PRICE.1	MOQ.1	PRICE.2	MOQ.2
1	CHEVY H-BEAM CON ROD								
	HCR5685	5.685	2.225"	0.928"	7/16"-35				
	HCR5850	5.850"	2.225"/2.125"	0.928"	7/16"-35				
	HCR5700	5.700"	2.225"/2.125"	0.928"	7/16"-35				
	HCR6000	6.000"	2.225"/2.125"	0.928"	7/16"-35				
	HCR6135	6.135"	2.225"/2.125"	0.928"	7/16"-35				
	HCR6350	6.350"	2.225"/2.125"	0.928"	7/16"-35				
	HCR6280	6.280"	2.225"/2.125"	0.928"	7/16"-35				
	HCR6128	6.128"	2.325"	0.9910"	7/16"-35				
	HCR6285	6.285"	2.325"	0.9910"	7/16"-35				
	HCR6528	6.528"	2.325"	0.9910"	7/16"-35				
	HCR6700	6.700"	2.325"	0.9910"	7/16"-35				
	HCR6800	6.800"	2.325"	0.9910"	7/16"-35				
	HCR7100	7.100"	2.325"	0.9910"	7/16"-35				
HCR7200	7.200"	2.325"	0.9910"	7/16"-35					
2	FORD H-BEAM CON-RODS								
	HCR5400	5.400"	2.2394"	0.9118"	7/16"-20				
	HCR5956	5.956"	2.225"	0.9131"	7/16"-20				
	HCR5090	5.090"	2.2394"	0.9118"	7/16"-20				
	HCR6605	6.605"	2.6522"	1.0415"	7/16"-20				
3	VW/CHEVY H-BEAM CON-RODS								
	HCR5394	5.394"	2.2756"/2.125"	0.866"	3/8"-24; 5/16"-24				
	HCR5500	5.500"	2.2756"/2.125"	0.866"	3/8"-24;				

					5/16"-24				
	HCR5600	5.600"	2.2756"/2.125"	0.866"	3/8"-24; 5/16"-24				
	HCR5700	5.700"	2.2756"/2.125"	0.866"	3/8"-24; 5/16"-24				
4	CHERY H-BEAM CON-RODS								
	HCR6123	6.123"	2.2500"	0.9850"	7/16"-20				
	HCR6760	6.760"	2.5000"	0.9911/ 1.0951"	7/16"-20				
	HCR6860	6.860"	2.5000"	0.9911/ 1.0321"	7/16"-20				
	HCR6950	6.950"	2.5000"	0.9850"	7/16"-20				
5	HONDA H-BEAM CON- RODS								
	H22	5.636"	2.008"	0.866"	3/8"-24				
	D16	5.394"	1.890"	0.748"	5/16"-24				
	B16A	5.290"	1.890"	0.827"	3/8"-24				
	B18C	5.433"	1.890"	0.826"	3/8"-24				
	K20	5.500"	1.890"	0.826"	3/8"-24				
	B18A/B	5.394"	1.890"	0.826"	3/8"-24				
6	PON H-BEAM CON-RODS								
	HCR6625	6.625"	2.366"	0.9811"	7/16"-20				
7	MAZDA H-BEAM CON-RODS								
	HCR5315	5.315"	2.008"	0.7488"	3/8"-24				
	HCR5400	5.400"	2.008"	0.7488"	3/8"-24				
8	MISUBISHI H-BEAM CON ROD								
	HCR5906	5.906"	1.890"	0.867"	3/8"-24				
	HCR5137	5.137"	2.165"	0.9068"	3/8"-24				
9	CHEVY I-BEAM COD ROD								
	ICR5700R/PR	5.700"	2.225"/2.125"	0.928/0. 925"	3/8"-24				
	ICR6000R/PR	6.000"	2.225"/2.125"	0.928/0. 925"	3/8"-24				
	ICR6135R/PR	6.135"	2.325"	0.9910/ 0.988"	7/16"-20				
	ICR6385R/PR	6.385"	2.325"	0.9910/ 0.988"	7/16"-20				
	ICR6535R/PR	6.535"	2.325"	0.9910/ 0.988"	7/16"-20				

10	FORD I-BEAM COD ROD								
	ICR5400R/PR	5.400"	2.2394"	0.912/0.910"	3/8"-24				
	ICR5090R/PR	5.090"	2.2394"	0.912/0.910"	3/8"-24				
	ICR5956PR	5.956"	2.4265"	0.9095"	3/8"-24				
11	VW/CHEVY I-BEAM COD ROD								
	ICR5394R	5.394"	2.2756"/2.125"	0.866"	3/8"-24; 5/16"-24				
	ICR5500R	5.500"	2.2756"/2.125"	0.866"	3/8"-24; 5/16"-24				
	ICR5600	5.600"	2.2756"/2.125"	0.866"	3/8"-24; 5/16"-24				
	ICR5700	5.700"	2.2756"/2.125"	0.866"	3/8"-24; 5/16"-24				

PERFORMANCE CON-RODS PRODUCTS LIST:

FIAT Uno / Punto / Tipo 1.4L Turbo

Lancia Integrale 8V / 16V

Opel / Vauxhall Corsa C14XE, C16XE, Z18X, Z18XE 1.4L / 1.6L / 1.8L

Opel / Vauxhall C20LET / Z20LET / C20XE 2.0L 16V

Opel / Vauxhall X22XE / Z22SE 2.2L

Opel / Vauxhall C25XE/C30XE 3.0LV6 24V

Renault Williams / Clio 2.0L

VW / Audi 1.8L 8V / 16V, G60, 1.8T

VW / Audi 2.0L 8V / 16V

VW / Audi 5 Cyl 144mm

VW / Audi VR6 / V6 / R32

Audi S2 / RS2 20V Turbo & non Turbo 5 Cyl 144mm

Audi S3 / TT Turbo 4 Cyl 144mm

Audi S4 Turbo 6 Cyl

Audi RS4 Turbo 6 Cyl

Audi V8

BMW M3 E30 / E36 / E46

BMW S14 / S50 / S52 /S54-L6/S62-V8

BMW M40 / M42 / M43 / M44

BMW M50 2.5L

BMW M52 TU 2.5L 24V

BMW M52 3.2L
BMW M54 2.5L
Mini Cooper S 1275

Peugeot 106 XSI 1.6L 8V TU5J2
Peugeot 206 XS 1.6L 16V TU5J4
Peugeot 106 GTI S16 Gr. A TU5JP4
Peugeot 106 Kit Car TU5J4
Peugeot 306 2.0L S16 XU10J4
Peugeot 306-RS 2.0L S16 XU10J4RS
Peugeot 206 RC 2.0L S16 EW10J4RS

Volvo B230
Volvo 850 C70 V70 T5

Alfa Romeo 2.0L
Alfa Romeo V6

Mitsubishi EVO 4G63 (Early & Late Version)
Mitsubishi Lancer 1.8L 4G93
Mitsubishi 3000GT V6 6G72

Honda Acura / Integra B18A / B, B18C
Honda B16A
Honda D16
Honda K20A
Honda H22
Honda F20C S2000

Nissan S13 / S14: CA18DET / SR20DET
Nissan Skyline GTR RB25 / RB26
Nissan RB20
Nissan RB29, RB30
Nissan L28
Nissan VG30
Nissan VQ35
Nissan Patrol / Safari TB42DE 4.2L, TB45DE 4.5L, TB48DE 4.8L

Toyota PASEO 1.5L 5E-FE
Toyota Supra 2JZ-GTE
Toyota 3S-GTE
Toyota 7M-GTE
Toyota Starlet 1.3L
Toyota 4A-GE

Toyota Land Cruiser 1FZ-FE 6 Cyl 4.5L 154mm, 2UZ-FE V8 146mm

Subaru Impreza WRX EJ18, EJ20, EJ22, EJ25

Mazda 1.6 / 1.8L B6 & BP

Mazda MX5

Mazda FS-DE

Mazda 2.0L FE

Kawasaki Motorcycle

Suzuki Hayabusa GSX - R1300 '99-07

Suzuki Hayabusa GSX - R1300 '2008'

Hyundai Genesis Coupe

Hyundai Accent, Tiburon

Chevrolet Small Block 283 / 327 / 305 / 350 / 400

Chevrolet Big Block 396 / 454 / 502

Ford Small Block 289 / 302 / 5.0L / 351 Windsor

Ford Big Block 429 / 460

Ford Cosworth YB

Ford Duratec 1.6L, 2.0L, 2.3L, 2.5L

Ford Pinto 5.0

Ford Zetec

Chrysler Small Block Mopar 273 / 318 / 340 / 360

Chrysler Big Block Mopar "RB" 413 / 426 / 440

Pontiac 400 / 455

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