

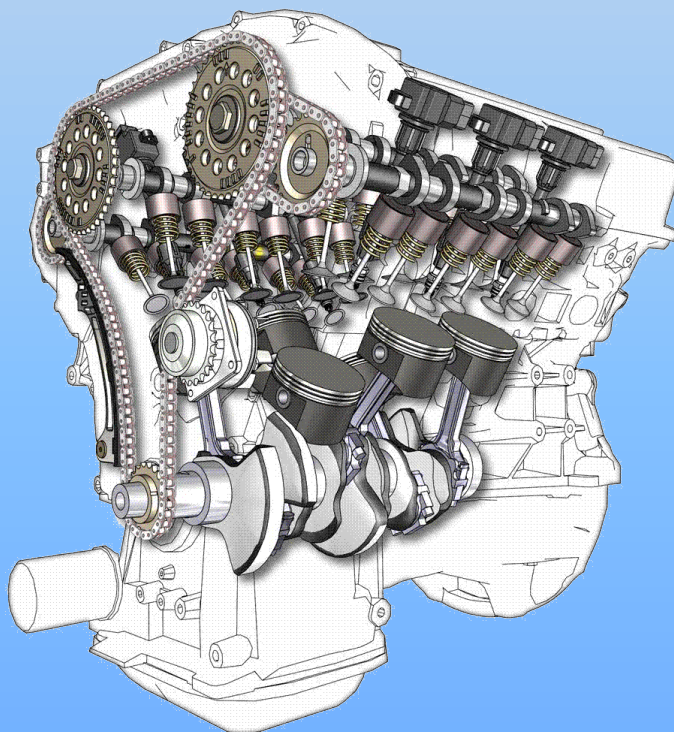


Taiwan Excellent Auto Engine Parts  
**Warranty for**

**2 Year / 20,000 km**

# ISUZU

## Diesel Engine Parts



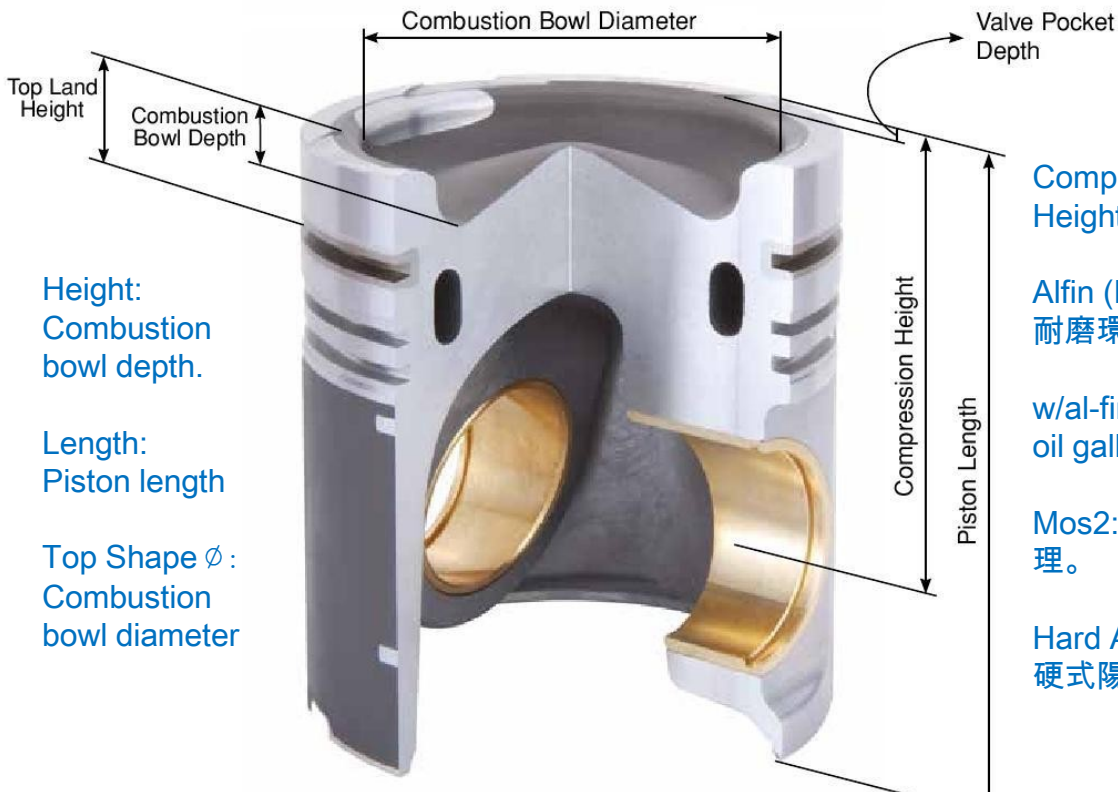
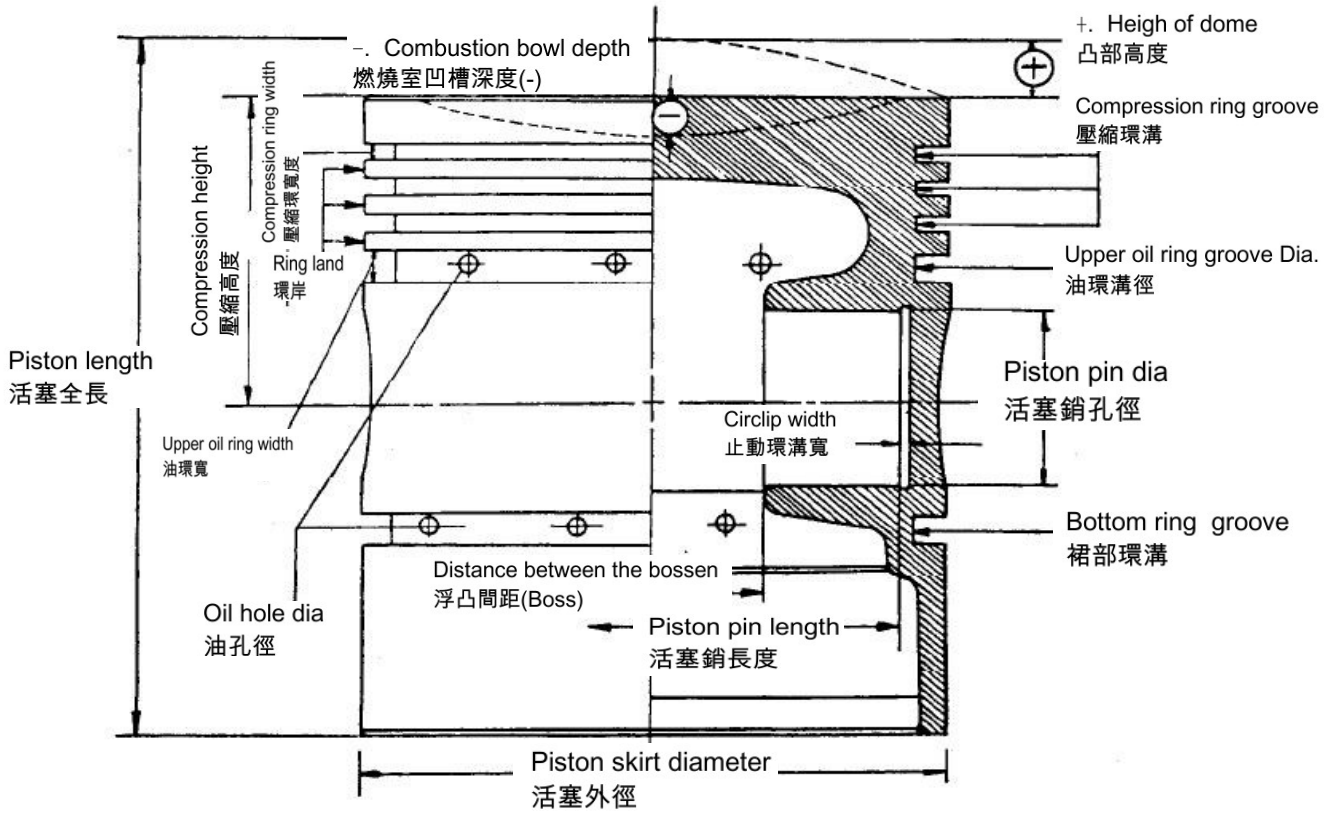
Contact Person: Mr. Jacky Tsai  
Email 1: [eton.jacky@msa.hinet.net](mailto:eton.jacky@msa.hinet.net)  
Email 2: [valveparts2866@gmail.com](mailto:valveparts2866@gmail.com)  
Tel : (8864) 2293-6969  
Fax : (8864) 2293-7070  
No. 90, Wenchang 1<sup>st</sup> St., North District,  
Taichung City, Taiwan. 40464

## E & T SCIENCE INC.

ISO/TS 16949  
QS9000



# PISTON TERMINOLOGY



Comp: Compression Height 壓縮高度

Alfin (Ring Carrier) 耐磨環

w/al-fin: Alfin and with oil gallery.

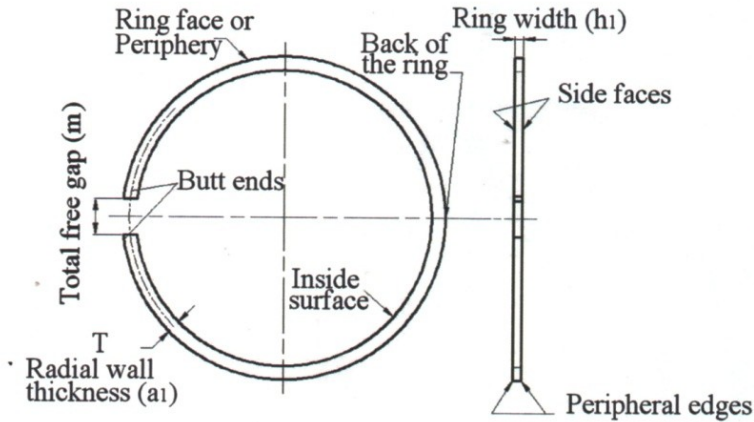
Mos2: 裙部二硫化鉬處理。

Hard Anodizing: 硬式陽極處理。

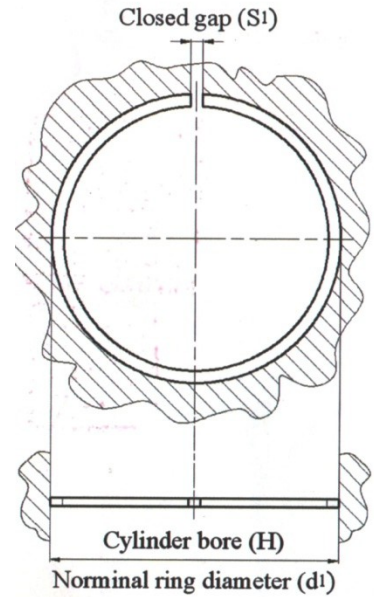


# PISTON RING TERMINOLOGY

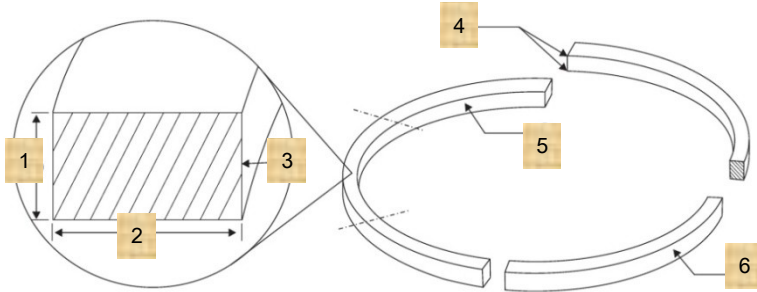
## Free Ring(Unstressed)



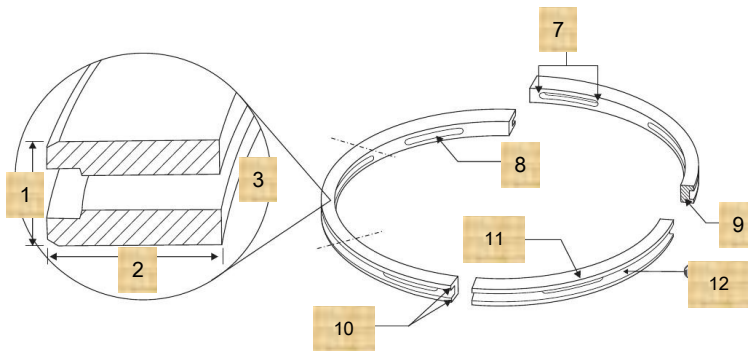
## Closed Ring



## Compression Ring



- 1. Piston ring width
- 2. Piston ring thickness
- 3. Inside edge of gap
- 4. Inside edges
- 5. Inside surface
- 6. Peripheral surface

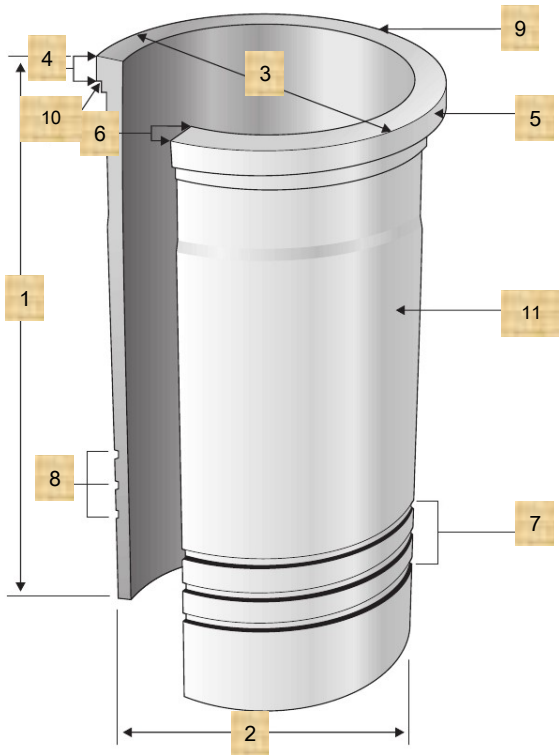


- 7. Inside edges of slot
- 8. Slot face
- 9. Gap face
- 10. Outside gap corners
- 11. Side face
- 12. Outside groove face

## Oil Control Ring



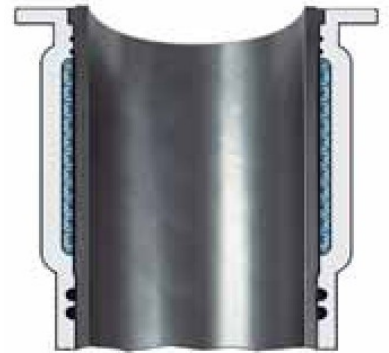
# LINER/SLEEVE TERMINOLOGY



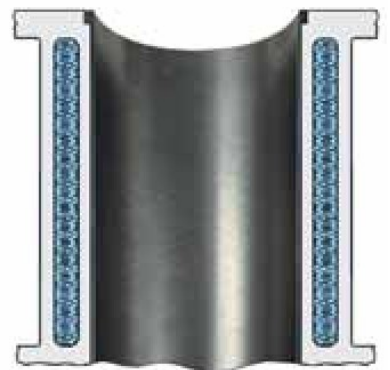
- 1. Total length
- 2. Outside diameter
- 3. Flange diameter  
(Register diameter)
- 4. Flange depth  
(Collar height)
- 5. Flange
- 6. Top land width
- 7. Sealing area
- 8. O-Ring groove
- 9. Firewall
- 10. Machining relief
- 11. Barel



Wet Cylinder Liner



Dry Cylinder Liner





# BEARINGS TERMINOLOGY



Rocker arm bushes



Con rod bushes



Connecting rod bearing



Main bearing



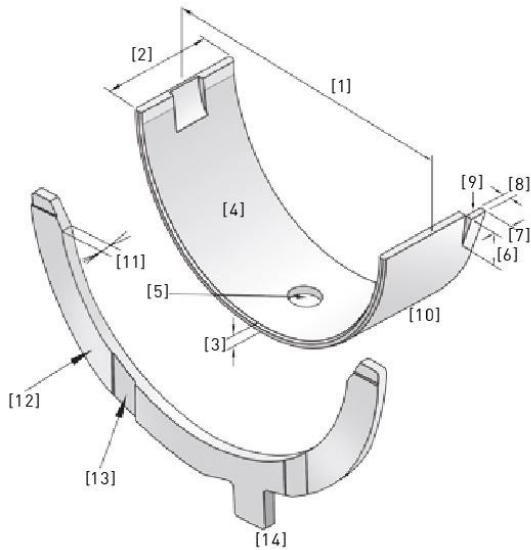
Flanged bearing



Thrust washers

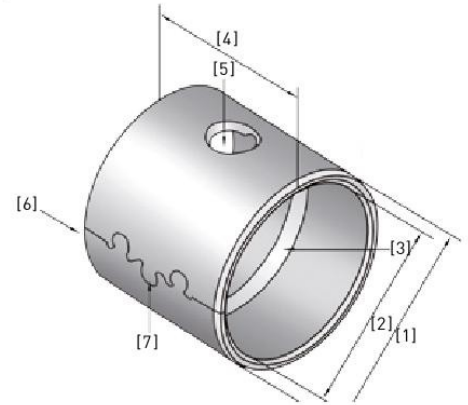


Camshaft bearing



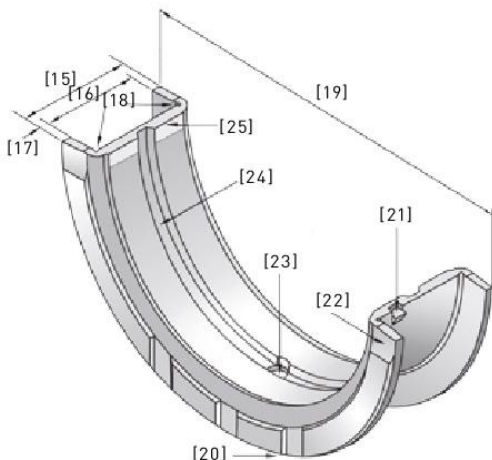
## Bearing Shell

1. Free spread
2. Bearing length
3. Bearing wall thickness
4. Bearing surface
5. Lubrication hole
6. Length of locating lug
7. Width of locating lug
8. Height of locating lug
9. Locating lug relief
10. Bearing back



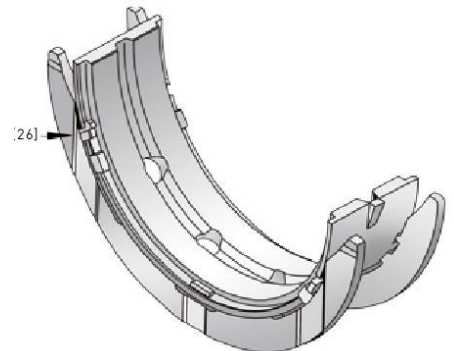
## Bushing

1. Outside diameter
2. Inside diameter
3. Oil groove
4. Bushing length
5. Lubrication hole
6. Joint
7. Clinch



## Flange Bearing

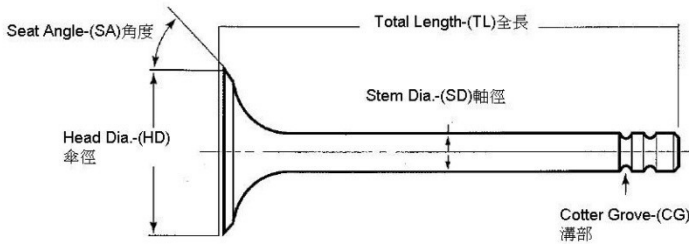
15. Flange bearing length
16. Distance between flange
17. Flange thickness
18. Flange relief grooves
19. Flange diameter
20. Relief at joint face
21. Locating lug
22. Relief at joint face
23. Lubrication hole
24. Oil groove
25. Relief at surface
26. Flange and Bearing assembly





# ENGINE VALVE SPECIFICATION

## ENGINE VALVE DIMENSION



Stem Top Hardness:  
HRC 45~60

Roundness Tolerance  
0.005

Roundness Tolerance  
≤0.005mm

Straightness Tolerance  
0.005

Straightness Tolerance  
≤0.005mm

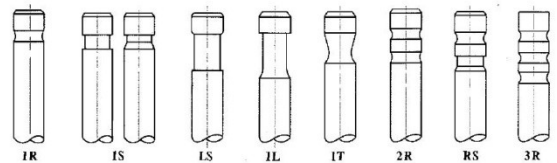
Concentricity Tolerance  
0.05

Concentricity Tolerance  
≤0.05mm

## SPECIFICATION



## SHAPE OF COTTER GROOVE (CG)



## 引擎汽門(Engine Valve)使用鋼材對照

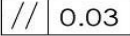
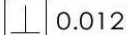
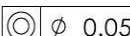
材料代號對照					材料化學成分								適用於
Martensitic Steel 麻田散鐵													IN/EX
ISO	JIS	SAE	DIN/BS	大陸	C	Si	Mn	P	S	Ni	Cr	Mo	
42CrMo4	SCM440	4140	EN49		0.43	0.35	0.85				1.2	0.3	
X45CrSi93	SUH1	HNV3	X45CrSi9 3	45Cr9Si3	0.4-0.5	3.0-3.5	≤0.60	≤0.03	≤0.03	≤0.5	7.5-9.0		
	SUH3		X40CrSiMo10-2	40Cr10Si2Mo	0.30-0.45	1.8-2.5	≤0.60	≤0.03	≤0.03	≤0.6	10.0-12.0	0.7-1.3	
	SUH4(XB)	ENV6	EN59	80Cr20Si2Ni	0.75-0.85	1.75-2.25	0.2-0.6	≤0.03	≤0.03	1.15-1.65	19.0-20.5		
X50CrSi82	SUH11	HNV3	EN52	51Cr8Si2	0.45-0.55	1.0-2.0	≤0.60	≤0.03	≤0.03		7.5-9.5		
Austenitic Steel 奧斯田鐵 Non-magnetic													EX
	SUH31	EV9		45Cr14Ni14W2Mo	0.3-0.45	1.5-2.5	≤0.60	≤0.04	≤0.03	13.0-15.0	14.0-16.0		
X53CrMnNiN214	SUH35(21-4N)	EV8	349S54	53Cr21Mn9Ni4N	0.58	≤0.35	8.0-10.0	≤0.01	≤0.03	3.25-4.5	20.0-22.0		
	SUH37(21-12N)	EV4	381S34	20Cr21Ni12N	0.15-0.25	0.75-1.0	1.0-1.5	≤0.025	≤0.025	10.5-12.5	20.0-22.0		
	SUH38				0.25-0.35	≤1.0	≤1.2	0.18-0.25	≤0.03	10.0-12.0	19.0-21.0	1.8-2.5	
Nickel Basic alloy 鎳基合金													EX
NiCr20TiAl	NiMonic 80A	2.4952(HEV5)		GH4080A	0.10max	1.0	1.0		Fe 3.0 max	65.0min	18.0-21.0	Al 1.0-1.5	
NiCr15Fe7TiAl	751	2.4669(HEV3)	NiCr15FeTiAl	GH4751									

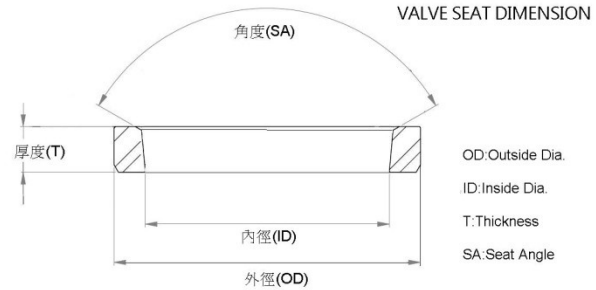
STELLITE 鈷鉻鎢合金鋼(軸端與盤面焊補材質)						
	C	Cr	W	Fe	Co	HRC
Stellite #1	2.5	30.0	12.0	3.0 Max	Balance	54
Stellite #6	1.0	28.0	4.0	3.0 Max	Balance	44
Stellite #12	1.35	29.0	8.0	2.0	Balance	47



# VALVE SEAT & GUIDE SPECIFICATION

Valve Seat:  
High Chrome Alloy Steel  
Hardness :HRC 36~47

-  0.03 Parallelism Tolerance  $\leq 0.03\text{mm}$
-  0.012 Verticality Tolerance  $\leq 0.012\text{mm}$
-   $\phi$  0.05 Concentricity Tolerance  $\leq 0.05\text{mm}$



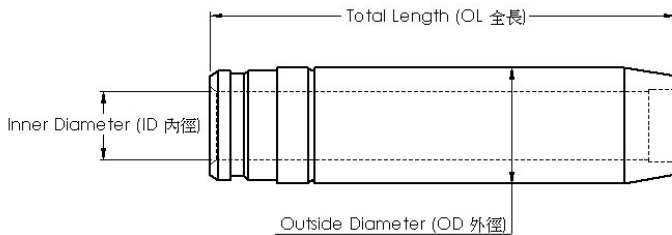
## Valve Seat Material

汽門座圈材料成份表

材質:高鉻合金High Chrome Alloy Steel(耐熱合金鑄造鋼)



	C	Si	Mn	P	S	Cr	Mo	Ni	V	Hardness 硬度HRC
高鉻合金 High Chrome Alloy Steel	1.5~2.0	1.5~2.0	0.6~1.2	$\leq 0.10$	$\leq 0.10$	13.5~15	0.35~0.5			36~47



(mm)	Inlet valve ( $\mu\text{m}$ )	Exhaust valve ( $\mu\text{m}$ )
Stem dia. 6 - 7	10 - 40	25 - 55
Stem dia. 8 - 9	20 - 50	35 - 65
Stem dia. 10 - 12	40 - 70	55 - 85

## Valve Guide: Cast Iron FC25

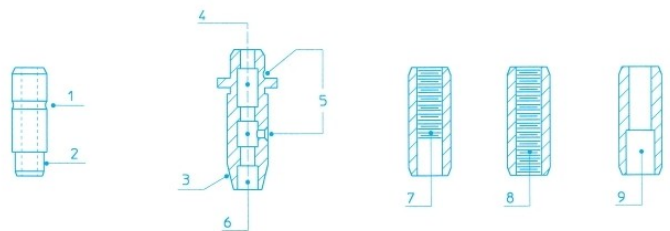
Hardness :HRB 92~102°

Surface finish Ra  $\leq 0.8\mu\text{m}$

Inner diameter tolerance  
 $\leq 0.01\text{mm}$

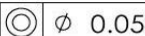
Outer diameter tolerance  
 $\leq 0.01\text{mm}$

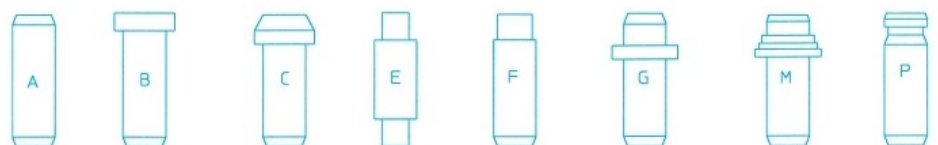
Concentricity diameter  
tolerance  $\leq 0.05\text{mm}$



- 1.Outer groove for snap ring
- 2.Narrower end
- 3.Conical end
- 4.Recessd area in the bore

- 5.Lubrifation holes
- 6.Counterbore at end of guides
- 7/8.Lubrifation threads
- 9.Counter bore

  $\phi$  0.05





## ISUZU DIESEL ENGINE PARTS

TYPE	NO	TYPE	NO
4BA1	1	6SA1	98~100
4BC2	2	6SD1	101~105
4BD	3~8	6WA1	106~109
4BE	9~11	6WF1	110
4EE1	12	6WG1	111~113
4FB1	13	10PA1	114
4FC1	14	10PB1	115
4FD1	15	10PC1	116~117
4FE1	16	10PD1	118
4FG1	17	10PE1	119~120
4HE1	18~19	C221	121
4HF1	20~24	C223	122
4HG1	25~27	C240	123~126
4HJ1	28~29	D201	127
4HK1	30~34	D500	128
4HL1	35~37	DA120	129~130
4JA1	38~43	DA640	131~133
4JB1	44~46	DH100	134
4JC1	47	E110	135
4JG	48~54	E120	136~139
4JH1	55~56	3AE1	140
4JJ1	57~58	3KB1	141
4JK1	59~60	3KC	142~143
4JX1	61	3KR	144~145
6BB1	62~63	3/4LB1	146
6BD1	64~68	3/4LC1	147
6BF1	69	3LD1	148
6BG1	70~75	3LE1	149
6HE1	76~79	4LE2	150
6HH1	80~82		
6HK1	83~88		
6HL1	89		
6QA1	90		
6RA1	91~92		
6RB1	93~97		



**Piston kit-Set**

OEM NO. 5-12111-055-1

Piston	SIZE
Comp : 62.55 Height : -2.2 Length : 91.3 Top Shape : Flower Pin : 33.0 Length : 85.0	STD



**Piston Ring**

OEM NO. 5-12181-025-0  
NPR : SJI10-071ZZ

OEM Ring Groove	SIZE
Top : 3.0 2nd : 2.5 Oil : 5.0	STD



**Cylinder Liner**

OEM NO. 9-11261-802-0

Liner&Sleeve	SIZE
In Diameter : 98.0 Out Diameter : 102.0 Total length : 180.0 Flange : 108.0*4.0	STD



**Engine Bearing**

MAIN : 8-94114-564  
CON.ROD : 9-12271-002  
T/W : 8-94114-565  
C/B :  
BUSH : 9-12251-059

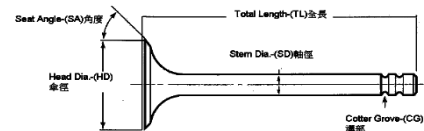
SIZE  
STD



**Engine Valve**

OEM NO. 1-12551-050-0  
IN 45.0 9.0 127.8  
OEM NO. 1-12552-025-0  
EX 37.5 9.0 127.8

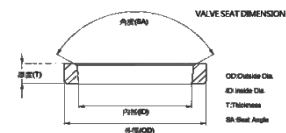
SIZE  
STD



**Valve Seat**

OEM NO. 5-11715-018-0  
IN 47.0 39.0 7.0  
OEM NO. 5-11711-021/022-0  
EX 39.0 31.0 7.0

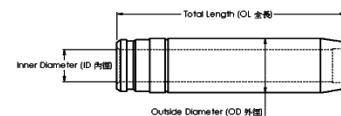
SIZE  
STD



**Valve Guide**

OEM NO. 5-11721-001-0  
IN/EX 60.0 9.0 14.0

SIZE  
STD



**Gasket Set**

OEM NO.



# ISUZU

## 4BC2

**Application : ELE LIGHT TRUCK**  
**Number of Cylinders 4**  
**Cylinder dia. 102.0 MM**  
**Swept Volume 3268 ccm**

### Piston kit-Set

OEM NO. 5-12111-230-4/8-94169-765-0



Piston

SIZE

Comp : 58.8 w/al-fin Height : -18.5 Length : 98.1  
 Top Shape : Ø49.5  
 Direct Injection  
 Pin : 35.0 Length : 85.0

STD

### Piston Ring

OEM NO. 5-12121-004-0  
 NPR : SJI10-090ZZ



OEM Ring Groove

SIZE

Top : 3.0  
 2nd : 2.5  
 Oil : 5.0

STD

### Cylinder Liner

OEM NO. 5-11261-014-0



Liner&Sleeve

SIZE

In Diameter : 102.0  
 Out Diameter : 105.0  
 Total length : 187.0  
 Flange : 112.0\*1.4

STD

### Engine Bearing

MAIN : 8-94114-564  
 CON.ROD : 9-12271-002  
 T/W : 8-94114-565  
 C/B :  
 BUSH : 9-12251-059

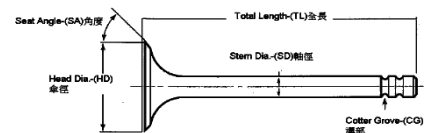


SIZE

STD

### Engine Valve

OEM NO. 1-12551-050-0  
 IN 45.0 9.0 127.8  
 OEM NO. 1-12552-025-0  
 EX 37.5 9.0 127.8

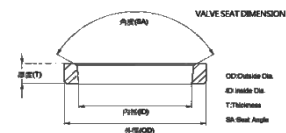


SIZE

STD

### Valve Seat

OEM NO. 1-11715-034-0  
 IN 47.0 41.0 7.3  
 OEM NO. 5-11711-028-0  
 EX 39.0 33.0 7.3

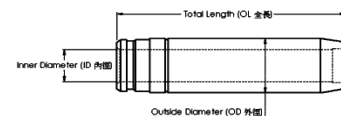


SIZE

STD

### Valve Guide

OEM NO. 5-11721-001-0  
 IN/EX 60.0 9.0 14.0



SIZE

STD

### Gasket Set

OEM NO.



# ISUZU 4BD1

**Application : ELE LIGHT TRUCK**  
**Number of Cylinders 4**  
**Cylinder dia. 102.0 MM**  
**Swept Volume 3856 ccm**

## Piston kit-Set

OEM NO. 5-12111-242-1

Piston	SIZE
Comp : 58.8 Height : -20.3 Length : 98.0 Top Shape : Ø51.4 Direct Injection Pin : 35.0 Length : 87.0	STD



## Piston Ring

OEM NO. 5-12181-003  
 NPR : SJI10-070ZZ

OEM Ring Groove	SIZE
Top : 3.0 2nd : 2.5 Oil : 5.0	STD



## Cylinder Liner

OEM NO. 5-11261-240-0

Liner&Sleeve	SIZE
In Diameter : 102.0 Out Diameter : 105.0 Total length : 204.0 Flange : 112.0*1.3	STD



## Engine Bearing

MAIN : 5-11510-054  
 CON.ROD : 8-97011-031  
 T/W : 5-11685-001  
 C/B :  
 BUSH : 5-12251-006

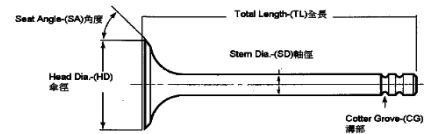
SIZE  
 STD



## Engine Valve

OEM NO. 1-12551-050-0  
 IN 45.0 9.0 127.8  
 OEM NO. 1-12552-025-0  
 EX 37.5 9.0 127.8

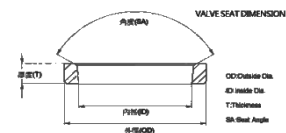
SIZE  
 STD



## Valve Seat

OEM NO. 5-11715-085/607-0  
 IN 47.0 41.0 7.3  
 OEM NO. 9-11711-803/100-0  
 EX 39.0 31.0 7.3

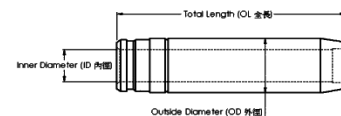
SIZE  
 STD



## Valve Guide

OEM NO. 5-11721-001-0  
 IN/EX 60.0 9.0 14.0

SIZE  
 STD



## Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 5-12111-912-0

Piston

SIZE

 Comp : 58.8 w/al-fin Height : -19.9 Length : 98.0  
 Top Shape : Ø51.0  
 Direct Injection  
 Pin : 35.0 Length : 87.0

STD



### Piston Ring

 OEM NO. 5-12181-003  
 NPR : SJI10-070ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 5.0

STD



### Cylinder Liner

OEM NO. 5-11261-240-0

Liner&amp;Sleeve

SIZE

 In Diameter : 102.0  
 Out Diameter : 105.0  
 Total length : 204.0  
 Flange : 112.0\*1.3

STD



### Engine Bearing

 MAIN : 5-11510-054  
 CON.ROD : 8-97011-031  
 T/W : 5-11685-001  
 C/B :  
 BUSH : 5-12251-006

SIZE

STD

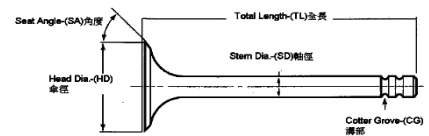


### Engine Valve

 OEM NO. 1-12551-050-0  
 IN 45.0 9.0 127.8  
 OEM NO. 1-12552-025-0  
 EX 37.5 9.0 127.8

SIZE

STD

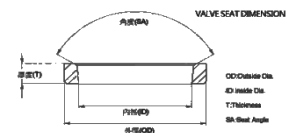


### Valve Seat

 OEM NO. 5-11715-085/607-0  
 IN 47.0 41.0 7.3  
 OEM NO. 9-11711-803/100-0  
 EX 39.0 31.0 7.3

SIZE

STD

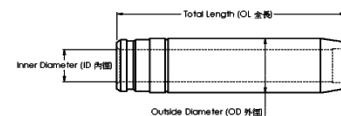


### Valve Guide

 OEM NO. 5-11721-001-0  
 IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 8-94321-734-0

Piston

SIZE

 Comp : 58.8 w/al-fin Height : -20.3 Length : 98.1  
 Top Shape : Ø51.5  
 Direct Injection  
 Pin : 35.0 Length : 87.0

STD



### Piston Ring

 OEM NO. 5-12181-003  
 NPR : SJI10-070ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 5.0

STD



### Cylinder Liner

OEM NO. 1-11261-240-0

Liner&amp;Sleeve

SIZE

 In Diameter : 102.0  
 Out Diameter : 105.0  
 Total length : 204.0  
 Flange : 112.0\*1.3

STD



### Engine Bearing

 MAIN : 5-11510-054  
 CON.ROD : 8-97011-031  
 T/W : 5-11685-001  
 C/B :  
 BUSH : 5-12251-006

SIZE

STD

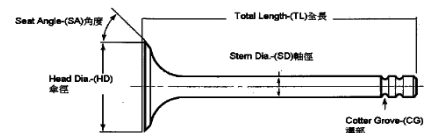


### Engine Valve

 OEM NO. 1-12551-050-0  
 IN 45.0 9.0 127.8  
 OEM NO. 1-12552-025-0  
 EX 37.5 9.0 127.8

SIZE

STD

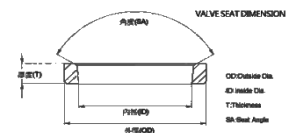


### Valve Seat

 OEM NO. 5-11715-085/607-0  
 IN 47.0 41.0 7.3  
 OEM NO. 9-11711-803/100-0  
 EX 39.0 31.0 7.3

SIZE

STD

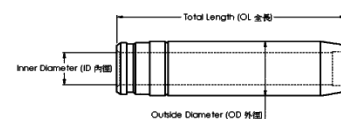


### Valve Guide

 OEM NO. 5-11721-001-0  
 IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 8-94321-798-0

Piston

SIZE

 Comp : 58.8 w/al-fin Height : -20.1 Length : 98.0  
 Top Shape : Ø51.4  
 Direct Injection  
 Pin : 35.0 Length : 87.0

STD



### Piston Ring

OEM NO. 5-12181-003

NPR : SJI10-070ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 5.0

STD



### Cylinder Liner

OEM NO. 1-11261-240-0

Liner&amp;Sleeve

SIZE

 In Diameter : 102.0  
 Out Diameter : 105.0  
 Total length : 204.0  
 Flange : 112.0\*1.3

STD



### Engine Bearing

 MAIN : 5-11510-054  
 CON.ROD : 8-97011-031  
 T/W : 5-11685-001  
 C/B :  
 BUSH : 5-12251-006

SIZE

STD

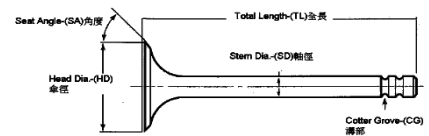


### Engine Valve

 OEM NO. 1-12551-050-0  
 IN 45.0 9.0 127.8  
 OEM NO. 1-12552-025-0  
 EX 37.5 9.0 127.8

SIZE

STD

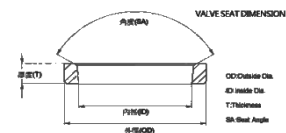


### Valve Seat

 OEM NO. 5-11715-085/607-0  
 IN 47.0 41.0 7.3  
 OEM NO. 9-11711-803/100-0  
 EX 39.0 31.0 7.3

SIZE

STD

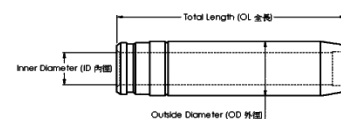


### Valve Guide

 OEM NO. 5-11721-001-0  
 IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO.



**Piston kit-Set**

OEM NO. 8-97025-457-2



Piston	SIZE
Comp : 58.7 w/al-fin Height : -3.0 oil-cooled Length : 98.0 Top Shape : Flower Head Anodized Pin : 35.0 Length : 87.0	STD

**Piston Ring**

OEM NO. 5-12181-003  
NPR : SJI10-070ZZ



OEM Ring Groove	SIZE
Top : 3.0 2nd : 2.5 Oil : 5.0	STD

**Cylinder Liner**

OEM NO. 1-11261-240-0



Liner&Sleeve	SIZE
In Diameter : 102.0 Out Diameter : 105.0 Total length : 204.0 Flange : 112.0*1.3	STD

**Engine Bearing**

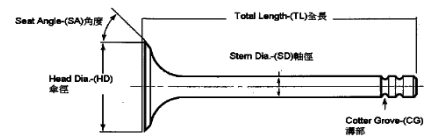
MAIN : 5-11510-054  
CON.ROD : 8-97011-031  
T/W : 5-11685-001  
C/B :  
BUSH : 5-12251-006



	SIZE
	STD

**Engine Valve**

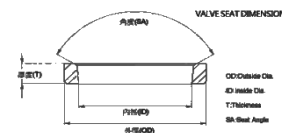
OEM NO. 1-12551-050-0  
IN 45.0 9.0 127.8  
OEM NO. 1-12552-025-0  
EX 37.5 9.0 127.8



	SIZE
	STD

**Valve Seat**

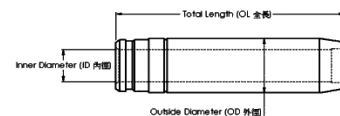
OEM NO. 5-11715-085/607-0  
IN 47.0 41.0 7.3  
OEM NO. 9-11711-803/100-0  
EX 39.0 31.0 7.3



	SIZE
	STD

**Valve Guide**

OEM NO. 5-11721-001-0  
IN/EX 60.0 9.0 14.0



	SIZE
	STD

**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO. 8-97167-642-3

Piston	SIZE
Comp : 58.8 w/al-fin Height : -3.2 Length : 98.25 Top Shape : Flower Head Anodized Pin : 35.0 Length : 87.5	STD



**Piston Ring**

OEM NO. 8-97117-686-0  
NPR : SJI10-147ZZ

OEM Ring Groove	SIZE
Top : 3.0 2nd : 2.0 Oil : 4.0	STD



**Cylinder Liner**

OEM NO. 1-11261-240-0

Liner&Sleeve	SIZE
In Diameter : 102.0 Out Diameter : 105.0 Total length : 204.0 Flange : 112.0*1.3	STD



**Engine Bearing**

MAIN : 5-11510-054  
CON.ROD : 8-97011-031  
T/W : 5-11685-001  
C/B :  
BUSH : 5-12251-006

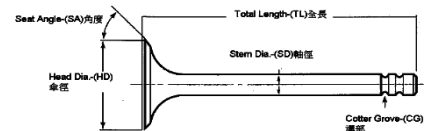
SIZE  
STD



**Engine Valve**

OEM NO. 1-12551-050-0  
IN 45.0 9.0 127.8  
OEM NO. 1-12552-025-0  
EX 37.5 9.0 127.8

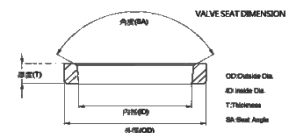
SIZE  
STD



**Valve Seat**

OEM NO. 5-11715-085/607-0  
IN 47.0 41.0 7.3  
OEM NO. 9-11711-803/100-0  
EX 39.0 31.0 7.3

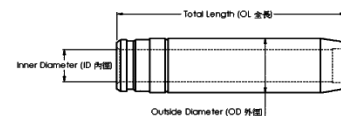
SIZE  
STD



**Valve Guide**

OEM NO. 5-11721-001-0  
IN/EX 60.0 9.0 14.0

SIZE  
STD



**Gasket Set**

OEM NO.





### Piston kit-Set

OEM NO. 8-94438-989-0

Piston

SIZE

 Comp : 56.4 w/al-fin Height : -18.8 Length : 95.5  
 Top Shape : Ø51.0  
 Direct Injection  
 Pin : 35.0 Length : 85.0

STD



### Piston Ring

OEM NO. 8-94418-918-0

NPR : SJI-10118ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 5.0

STD



### Cylinder Liner

OEM NO. 5-11261-016-0

Liner&amp;Sleeve

SIZE

 In Diameter : 105.0  
 Out Diameter : 107.0  
 Total length : 187.0  
 Flange : 113.0\*1.4

STD



### Engine Bearing

 MAIN : 8-94114-564  
 CON.ROD : 9-12271-002  
 T/W : 8-94114-565  
 C/B :  
 BUSH : 9-12251-059

SIZE

STD

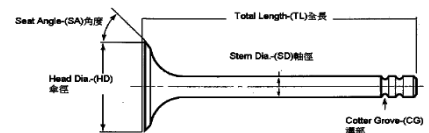


### Engine Valve

 OEM NO. 1-12551-050-0  
 IN 45.0 9.0 127.8  
 OEM NO. 1-12552-025-0  
 EX 37.5 9.0 127.8

SIZE

STD

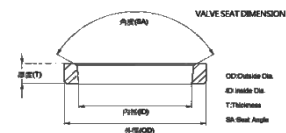


### Valve Seat

 OEM NO. 1-11715-034-0  
 IN 47.0 41.0 7.3  
 OEM NO. 5-11711-028-0  
 EX 39.0 33.0 7.3

SIZE

STD

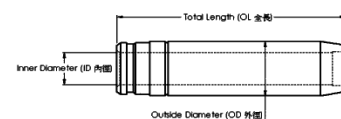


### Valve Guide

 OEM NO. 5-11721-001-0  
 IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

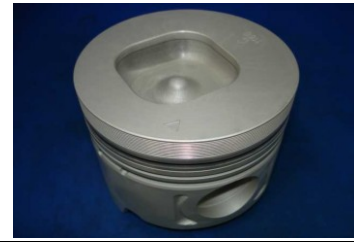
OEM NO.



**Piston kit-Set**

OEM NO. 8-94478-116-0

Piston	SIZE
Comp : 56.4 w/al-fin Height : -18.0 Length : 95.5 Top Shape : Ø51.5 Direct Injection Pin : 35.0 Length : 85.0	STD



**Piston Ring**

OEM NO. 8-94418-918-0  
NPR : SJI-10118ZZ

OEM Ring Groove	SIZE
Top : 3.0 2nd : 2.5 Oil : 5.0	STD



**Cylinder Liner**

OEM NO. 5-11261-016-0

Liner&Sleeve	SIZE
In Diameter : 105.0 Out Diameter : 107.0 Total length : 187.0 Flange : 113.0*1.4	STD



**Engine Bearing**

MAIN : 8-94114-564  
CON.ROD : 9-12271-002  
T/W : 8-94114-565  
C/B :  
BUSH : 9-12251-059

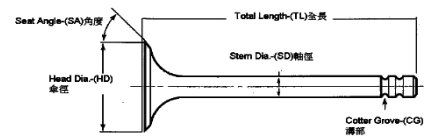
SIZE  
STD



**Engine Valve**

OEM NO. 1-12551-050-0  
IN 45.0 9.0 127.8  
OEM NO. 1-12552-025-0  
EX 37.5 9.0 127.8

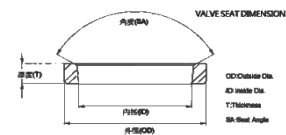
SIZE  
STD



**Valve Seat**

OEM NO. 1-11715-034-0  
IN 47.0 41.0 7.3  
OEM NO. 5-11711-028-0  
EX 39.0 33.0 7.3

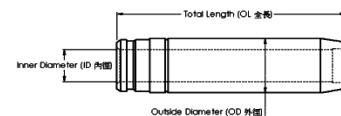
SIZE  
STD



**Valve Guide**

OEM NO. 5-11721-001-0  
IN/EX 60.0 9.0 14.0

SIZE  
STD



**Gasket Set**

OEM NO.



# ISUZU 4BE2 NPR

Application : ELE LIGHT TRUCK  
Number of Cylinders 4  
Cylinder dia. 102.0 MM  
Swept Volume ccm

## Piston kit-Set

OEM NO. 8-94174-649-1



Piston

SIZE

Comp : 58.9 w/al-fin Height : -19.9 Length : 98.0  
Top Shape : Ø51.2  
Direct Injection  
Pin : 35.0 Length : 87.0

STD

## Piston Ring

OEM NO. 5-12121-004-0

NPR : SJI110-090ZZ



OEM Ring Groove

SIZE

Top : 3.0  
2nd : 2.5  
Oil : 5.0

STD

## Cylinder Liner

OEM NO.



Liner&Sleeve

SIZE

In Diameter :  
Out Diameter :  
Total length :  
Flange :

STD

## Engine Bearing

MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :

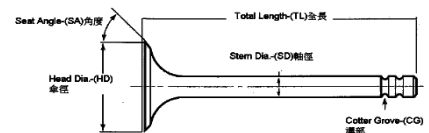


SIZE

STD

## Engine Valve

OEM NO.  
IN  
OEM NO.  
EX

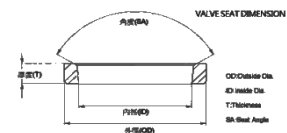


SIZE

STD

## Valve Seat

OEM NO.  
IN  
OEM NO.  
EX

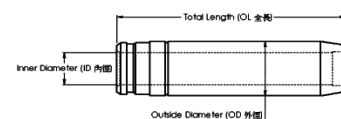


SIZE

STD

## Valve Guide

OEM NO.  
IN  
OEM NO.  
EX



SIZE

STD

## Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 8-97129-437-0

Piston	SIZE
Comp : 39.7 w/al-fin Height : Length : 79.7 Top Shape : Flower Pin : 25.0 Length :	STD



### Piston Ring

 OEM NO. 8-94381-709-1  
 NPR : SDI10-202ZZ

OEM Ring Groove	SIZE
Top : 2.0 2nd : 1.5 Oil : 3.0	STD



### Cylinder Liner

OEM NO.

Liner&Sleeve	SIZE
In Diameter : Out Diameter : Total length : Flange :	STD



### Engine Bearing

 MAIN : 8-94381-684  
 CON.ROD : 8-94381-678  
 T/W : 8-94321-679-0  
 C/B :  
 BUSH : 8-94369-904

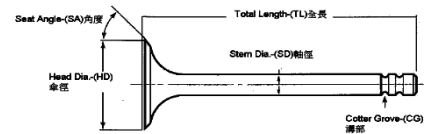
SIZE
STD



### Engine Valve

 OEM NO. 8-94110-016-3  
 IN 34.5 7.0 104.0  
 OEM NO. 8-94110-017-3  
 EX 30.5 7.0 104.0

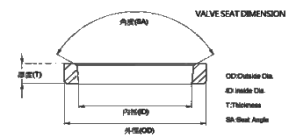
SIZE
STD



### Valve Seat

 OEM NO. 8-97034-731-0  
 IN  
 OEM NO. 8-97034-716-0  
 EX

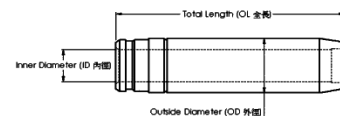
SIZE
STD



### Valve Guide

 OEM NO. 8-94239-423-0  
 IN/EX 43.0 7.0 11.5

SIZE
STD



### Gasket Set

OEM NO.



# ISUZU 4FB1

**Application :**  
**Number of Cylinders 4**  
**Cylinder dia. 84.0 MM**  
**Swept Volume 1817 ccm**

## Piston kit-Set

OEM NO.

Piston	SIZE
Comp : 44.5 Height : -1.75 Length : 74.6 Top Shape : Flower Pin : 25.0 Length : 67.0	STD 0.50



## Piston Ring

OEM NO. 8-97113-503-0  
NPR :

OEM Ring Groove	SIZE
Top : 2.0 2nd : 1.75 Oil : 4.0	STD 0.50



## Cylinder Liner

OEM NO.

Liner&Sleeve	SIZE
In Diameter : Out Diameter : Total length : Flange :	STD



## Engine Bearing

MAIN : 8-94110-927  
CON.ROD : 8-94110-930  
T/W : 8-94250-265  
C/B : 5-11611-010  
BUSH : 5-12271-007

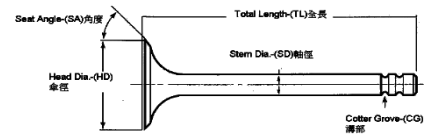
SIZE  
STD



## Engine Valve

OEM NO. 8-94216-589-0  
IN 39.0 8.0 132.4  
OEM NO. 8-94216-590-0  
EX 34.0 8.0 132.4

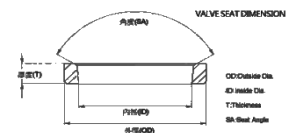
SIZE  
STD



## Valve Seat

OEM NO. 8-94105-292-0  
IN 40.0 33.0 6.0  
OEM NO. 8-94105-293-0  
EX 35.0 28.0 6.0

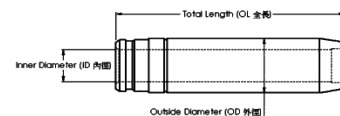
SIZE  
STD



## Valve Guide

OEM NO. 5-11721-015-1/0  
IN/EX 60.0 8.0 12.0

SIZE  
STD



## Gasket Set

OEM NO.



# ISUZU 4FC1

**Application :**  
**Number of Cylinders 4**  
**Cylinder dia. 84.0 MM**  
**Swept Volume 1995 ccm**

## Piston kit-Set

OEM NO. 8-94228-887-1



Piston	SIZE
Comp : 47.0 Height : -2.0 Length : 76.7 Top Shape : Flower Pin : 25.0 Length : 67.0	STD 0.50

## Piston Ring

OEM NO. 8-94139-973-0

NPR :



OEM Ring Groove	SIZE
Top : 2.5K 2nd : 2.0 Oil : 4.0	STD 0.50

## Cylinder Liner

OEM NO.



Liner&Sleeve	SIZE
In Diameter : Out Diameter : Total length : Flange :	STD

## Engine Bearing

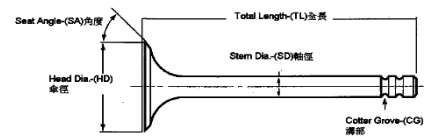
MAIN : 8-94110-927  
 CON.ROD : 8-94110-930  
 T/W : 8-94250-265  
 C/B : 5-11611-010  
 BUSH : 5-12271-007



	SIZE
	STD

## Engine Valve

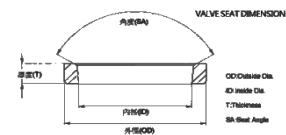
OEM NO. 8-94216-589-0  
 IN 39.0 8.0 132.4  
 OEM NO. 8-94216-590-0  
 EX 34.0 8.0 132.4



	SIZE
	STD

## Valve Seat

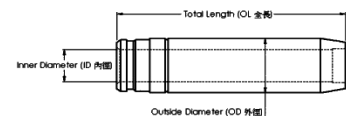
OEM NO. 8-94105-292-0  
 IN 40.0 33.0 6.0  
 OEM NO. 8-94105-293-0  
 EX 35.0 28.0 6.0



	SIZE
	STD

## Valve Guide

OEM NO. 5-11721-015-1/0  
 IN/EX 60.0 8.0 12.0



	SIZE
	STD

## Gasket Set

OEM NO.



# ISUZU 4FD1

**Application :**  
Number of Cylinders 4  
Cylinder dia. 84.0 MM  
Swept Volume 2238 ccm

## Piston kit-Set

OEM NO. 8-94105-454-0



Piston	SIZE
Comp : 46.8 Height : -2.4 Length : 80.7 Top Shape : Flower Pin : 27.0 Length : 68.0	STD 0.50

## Piston Ring

OEM NO. 8-94250-730-0

NPR :



OEM Ring Groove	SIZE
Top : 2.0 2nd : 2.0 Oil : 4.0	STD 0.50

## Cylinder Liner

OEM NO.



Liner&Sleeve	SIZE
In Diameter : Out Diameter : Total length : Flange :	STD

## Engine Bearing

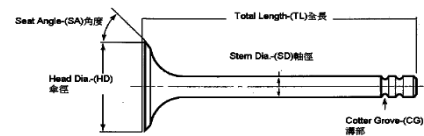
MAIN : 8-94110-927  
CON.ROD : 8-94110-930  
T/W : 8-94250-265  
C/B : 5-11611-010  
BUSH : 5-12271-007



	SIZE
	STD

## Engine Valve

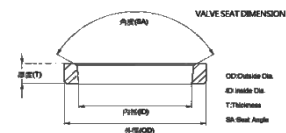
OEM NO. 8-94216-589-0  
IN 39.0 8.0 132.4  
OEM NO. 8-94216-590-0  
EX 34.0 8.0 132.4



	SIZE
	STD

## Valve Seat

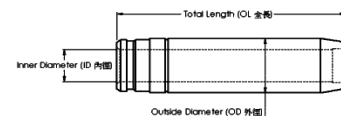
OEM NO. 8-94105-292-0  
IN 40.0 33.0 6.0  
OEM NO. 8-94105-293-0  
EX 35.0 28.0 6.0



	SIZE
	STD

## Valve Guide

OEM NO. 5-11721-015-1/0  
IN/EX 60.0 8.0 12.0



	SIZE
	STD

## Gasket Set

OEM NO.



# ISUZU 4FE1

**Application :**  
Number of Cylinders 4  
Cylinder dia. 76.3 MM  
Swept Volume ccm

## Piston kit-Set

OEM NO.

Piston

SIZE

Comp : 45.0 Height : -2.4 Length : 80.0  
Top Shape : Flower  
Pin : 25.0  
Length : 63.0

STD  
0.50



## Piston Ring

OEM NO. 9-88520-064-0

NPR :

OEM Ring Groove

SIZE

Top : 2.0  
2nd : 2.0  
Oil : 4.0

STD  
0.50



## Cylinder Liner

OEM NO.

Liner&Sleeve

SIZE

In Diameter :  
Out Diameter :  
Total length :  
Flange :

STD



## Engine Bearing

MAIN : 8-94110-927  
CON.ROD : 8-94110-930  
T/W : 8-94250-265  
C/B : 5-11611-010  
BUSH : 5-12271-007

SIZE

STD

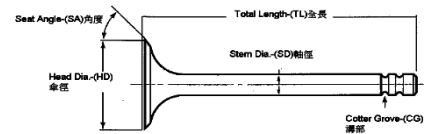


## Engine Valve

OEM NO. 8-94178-102-2  
IN 31.0 8.0 134.5  
OEM NO. 8-94178-103-0  
EX 26.0 8.0 134.3

SIZE

STD

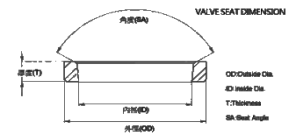


## Valve Seat

OEM NO.  
IN  
OEM NO.  
EX

SIZE

STD

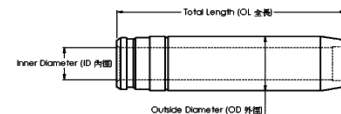


## Valve Guide

OEM NO. 5-11721-015-1/0  
IN/EX 60.0 8.0 12.0

SIZE

STD



## Gasket Set

OEM NO.





# ISUZU 4FG1

**Application :**  
**Number of Cylinders 4**  
**Cylinder dia. 89.3 MM**  
**Swept Volume 2380 ccm**

## Piston kit-Set

OEM NO. 8-94454-813-0

Piston	SIZE
Comp : 47.2 Height : -2.8 Length : 80.7 Top Shape : Flower Pin : 27.0 Length : 68.0	STD 0.50 1.00



## Piston Ring

OEM NO. 9-94469-634-0

NPR :

OEM Ring Groove	SIZE
Top : 2.0 2nd : 2.0 Oil : 4.0	STD



## Cylinder Liner

OEM NO.

Liner&Sleeve	SIZE
In Diameter : Out Diameter : Total length : Flange :	STD



## Engine Bearing

MAIN : 8-94110-927  
 CON.ROD : 8-94110-930  
 T/W : 8-94250-265  
 C/B : 5-11611-010  
 BUSH : 5-12271-007

SIZE

STD

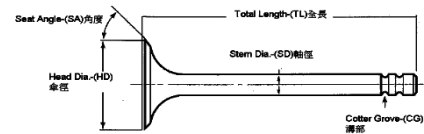


## Engine Valve

OEM NO. 8-94178-106-0  
 IN 39.0 8.0 134.3  
 OEM NO. 8-94178-107-2  
 EX 34.0 8.0 134.4

SIZE

STD

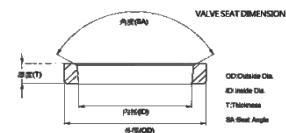


## Valve Seat

OEM NO.  
 IN  
 OEM NO.  
 EX

SIZE

STD

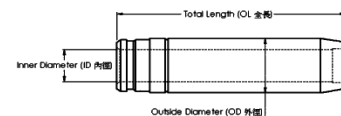


## Valve Guide

OEM NO. 5-11721-015-1/0  
 IN/EX 60.0 8.0 12.0

SIZE

STD



## Gasket Set

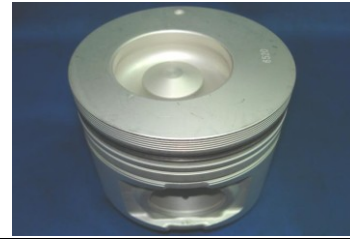
OEM NO.



### Piston kit-Set

OEM NO. 8-97176-652-0

Piston	SIZE
Comp : 66.15 w/al-fin Height : -22.6 oil-cooled Length : 120.1 MOS2 Top Shape : Ø56.5 Direct Injection Pin : 40.0 Length : 87.0	STD



### Piston Ring

 OEM NO. 8-97078-779-0  
 NPR : SDI10-140ZZ

OEM Ring Groove	SIZE
Top : 3.0HK 2nd : 2.5 Oil : 4.0	STD



### Cylinder Liner

OEM NO. 8-94396-837-0

Liner&Sleeve	SIZE
In Diameter : 110.0 Out Diameter : 113.0 Total length : 210.0 Flange : 120.0*6.0	STD



### Engine Bearing

 MAIN : 8-97045-915  
 CON.ROD : 8-97131-186  
 T/W : 8-94396-980  
 C/B : 8-94363-380  
 BUSH : 8-94394-613

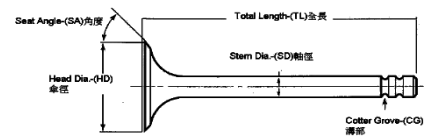
SIZE
STD



### Engine Valve

 OEM NO. 8-94394-160-0  
 IN 51.0 9.0 141.0  
 OEM NO. 8-97019-337-0  
 EX 42.0 9.0 140.70

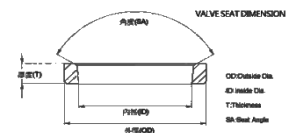
SIZE
STD



### Valve Seat

 OEM NO. 8-94394-127-0  
 IN 52.0 45.8 7.3  
 OEM NO. 8-94396-172-0  
 EX 43.0 36.8 7.0

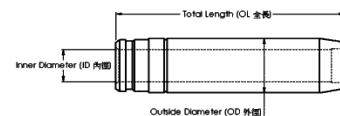
SIZE
STD



### Valve Guide

 OEM NO. 8-94396-598-0  
 IN/EX 60.0 9.0 14.0

SIZE
STD



### Gasket Set

OEM NO.



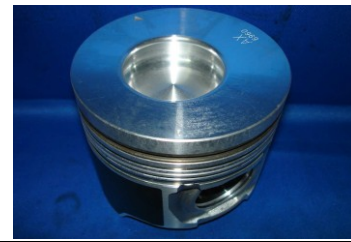
# ISUZU 4HE1-TC

**Application : FORWARD/TRUCK**  
**Number of Cylinders 4**  
**Cylinder dia. 110.0 MM**  
**Swept Volume 4751 ccm**

### Piston kit-Set

OEM NO. 8-94391-696-0

Piston	SIZE
Comp : 66.25 w/al-fin Height : -21.8 oil-cooled Length : 110.1 MOS2 Top Shape : Ø49.5 Direct Injection Pin : 40.0 Length : 87.0	STD



### Piston Ring

OEM NO. 8-97166-992-0  
 NPR : SDI10-177ZZ

OEM Ring Groove	SIZE
Top : 3.0K 2nd : 2.0 2nd : 1.2 Oil : 3.0	STD



### Cylinder Liner

OEM NO. 8-94396-837-0

Liner&Sleeve	SIZE
In Diameter : 110.0 Out Diameter : 113.0 Total length : 210.0 Flange : 120.0*6.0	STD



### Engine Bearing

MAIN : 8-97045-915  
 CON.ROD : 8-97131-186  
 T/W : 8-94396-980  
 C/B : 8-94363-380  
 BUSH : 8-94394-613

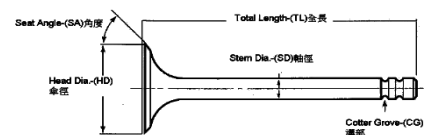
SIZE  
 STD



### Engine Valve

OEM NO. 8-94394-160-0  
 IN 51.0 9.0 141.0  
 OEM NO. 8-97019-337-0  
 EX 42.0 9.0 140.70

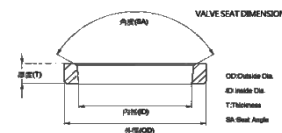
SIZE  
 STD



### Valve Seat

OEM NO. 8-94394-127-0  
 IN 52.0 45.8 7.3  
 OEM NO. 8-94396-172-0  
 EX 43.0 36.8 7.0

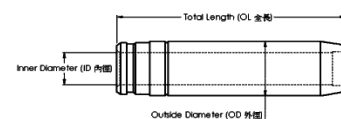
SIZE  
 STD



### Valve Guide

OEM NO. 8-94396-598-0  
 IN/EX 60.0 9.0 14.0

SIZE  
 STD



### Gasket Set

OEM NO.



### Piston kit-Set

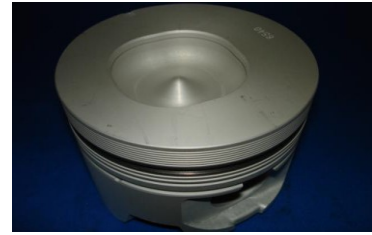
OEM NO. 8-97095-654-0

Piston

SIZE

 Comp : 60.8 w/al-fin Height : -18.7 Length : 94.7  
 Top Shape : Ø55.2  
 Direct Injection  
 Pin : 36.0 Length : 79.0

STD



### Piston Ring

OEM NO. 8-97028-691-0

NPR : SJI10-127ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 8-97176-727-0

Liner&amp;Sleeve

SIZE

 In Diameter : 112.0  
 Out Diameter : 115.0  
 Total length : 180.0  
 Flange : 121.7\*6.0

STD



### Engine Bearing

 MAIN : 8-97045-915  
 CON.ROD : 8-97045-800  
 T/W : 8-94396-980  
 C/B : 8-94363-380  
 BUSH : 1-12251-036

SIZE

STD

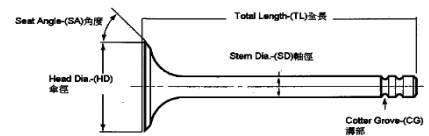


### Engine Valve

 OEM NO. 8-94394-160-1  
 IN 51.0 9.0 141.0  
 OEM NO. 8-97060-415-0  
 EX 42.0 9.0 141.0

SIZE

STD

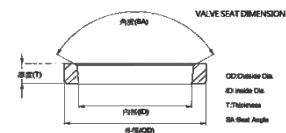


### Valve Seat

 OEM NO. 8-94394-127-0  
 IN 52.0 45.8 7.3  
 OEM NO. 8-94396-172-0  
 EX 43.0 36.8 7.0

SIZE

STD

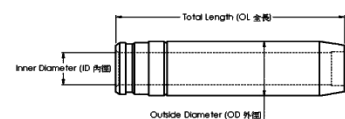


### Valve Guide

 OEM NO. 8-94396-598-0  
 IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO.



**Piston kit-Set**

OEM NO. 8-97095-325-0/8-97183-667-0

Piston	SIZE
Comp : 60.7 w/al-fin Height : -22.0 Length : 94.6 Top Shape : Ø49.0 Direct Injection Pin : 36.0 Length : 80.0	STD



**Piston Ring**

OEM NO. 8-97109-462-0  
NPR : SDI10-139ZZ

OEM Ring Groove	SIZE
Top : 3.0K 2nd : 2.5 Oil : 4.0	STD



**Cylinder Liner**

OEM NO. 8-97176-727-0

Liner&Sleeve	SIZE
In Diameter : 112.0 Out Diameter : 115.0 Total length : 180.0 Flange : 121.7*6.0	STD



**Engine Bearing**

MAIN : 8-97045-915  
CON.ROD : 8-97045-800  
T/W : 8-94396-980  
C/B : 8-94363-380  
BUSH : 1-12251-036

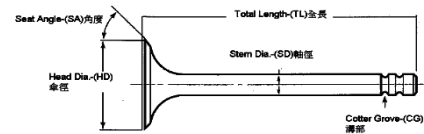
SIZE  
STD



**Engine Valve**

OEM NO. 8-94394-160-1  
IN 51.0 9.0 141.0  
OEM NO. 8-97060-415-0  
EX 42.0 9.0 141.0

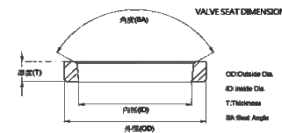
SIZE  
STD



**Valve Seat**

OEM NO. 8-94394-127-0  
IN 52.0 45.8 7.3  
OEM NO. 8-94396-172-0  
EX 43.0 36.8 7.0

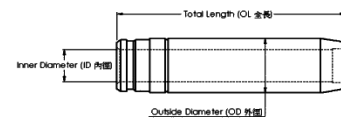
SIZE  
STD



**Valve Guide**

OEM NO. 8-94396-598-0  
IN/EX 60.0 9.0 14.0

SIZE  
STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO. 8-97095-585-1

Piston	SIZE
Comp : 60.7 w/al-fin Height : -21.7 Length : 94.6 Top Shape : Ø54.0 Direct Injection Pin : 36.0 Length : 80.0	STD



**Piston Ring**

OEM NO. 8-97028-691-0  
NPR : SJI10-127ZZ

OEM Ring Groove	SIZE
Top : 3.0K 2nd : 2.5 Oil : 4.0	STD



**Cylinder Liner**

OEM NO. 8-97176-727-0

Liner&Sleeve	SIZE
In Diameter : 112.0 Out Diameter : 115.0 Total length : 180.0 Flange : 121.7*6.0	STD



**Engine Bearing**

MAIN : 8-97045-915  
CON.ROD : 8-97045-800  
T/W : 8-94396-980  
C/B : 8-94363-380  
BUSH : 1-12251-036

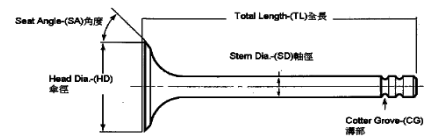
SIZE  
STD



**Engine Valve**

OEM NO. 8-94394-160-1  
IN 51.0 9.0 141.0  
OEM NO. 8-97060-415-0  
EX 42.0 9.0 141.0

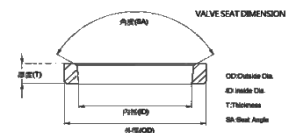
SIZE  
STD



**Valve Seat**

OEM NO. 8-94394-127-0  
IN 52.0 45.8 7.3  
OEM NO. 8-94396-172-0  
EX 43.0 36.8 7.0

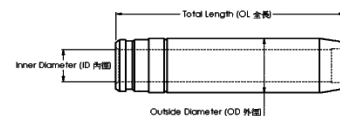
SIZE  
STD



**Valve Guide**

OEM NO. 8-94396-598-0  
IN/EX 60.0 9.0 14.0

SIZE  
STD



**Gasket Set**

OEM NO.



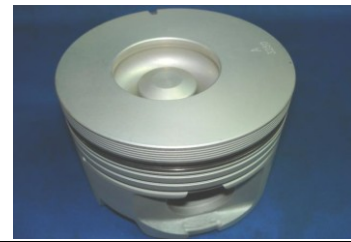
# ISUZU 4HF1 NEW

Application : ELE LIGHT TRUCK  
Number of Cylinders 4  
Cylinder dia. 112.0 MM  
Swept Volume 4334 ccm

## Piston kit-Set

OEM NO. 5-87813-391-0

Piston	SIZE
Comp : 60.8 w/al-fin Height : -22.2 Length : 94.5 Top Shape : Ø49.5 Direct Injection Pin : 36.0 Length : 79.0	STD



## Piston Ring

OEM NO. 8-97109-462-0  
NPR : SDI10-139ZZ

OEM Ring Groove	SIZE
Top : 3.0HK 2nd : 2.5 Oil : 4.0	STD



## Cylinder Liner

OEM NO. 8-97176-727-0

Liner&Sleeve	SIZE
In Diameter : 112.0 Out Diameter : 115.0 Total length : 180.0 Flange : 121.7*6.0	STD



## Engine Bearing

MAIN : 8-97045-915  
CON.ROD : 8-97045-800  
T/W : 8-94396-980  
C/B : 8-94363-380  
BUSH : 1-12251-036

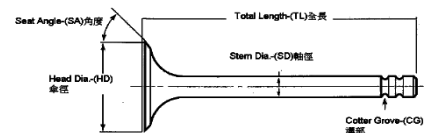
SIZE  
STD



## Engine Valve

OEM NO. 8-94394-160-1  
IN 51.0 9.0 141.0  
OEM NO. 8-97060-415-0  
EX 42.0 9.0 141.0

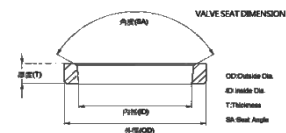
SIZE  
STD



## Valve Seat

OEM NO. 8-94394-127-0  
IN 52.0 45.8 7.3  
OEM NO. 8-94396-172-0  
EX 43.0 36.8 7.0

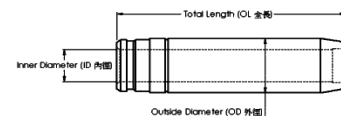
SIZE  
STD



## Valve Guide

OEM NO. 8-94396-598-0  
IN/EX 60.0 9.0 14.0

SIZE  
STD



## Gasket Set

OEM NO.



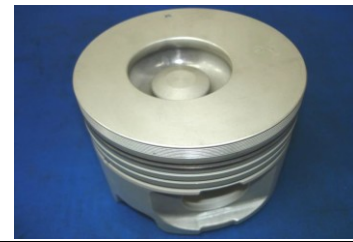
# ISUZU 4HF1 NEW

**Application : ELE LIGHT TRUCK**  
**Number of Cylinders 4**  
**Cylinder dia. 112.0 MM**  
**Swept Volume 4334 ccm**

### Piston kit-Set

OEM NO. 8-97176-657-1

Piston	SIZE
Comp : 60.7 w/al-fin Height : -22.2 Length : 94.75 Top Shape : Ø49.6 Direct Injection Pin : 36.0 Length : 79.0	STD



### Piston Ring

OEM NO.  
NPR :

OEM Ring Groove	SIZE
Top : 3.0 2nd : 2.5 Oil : 4.0	STD



### Cylinder Liner

OEM NO. 8-97176-727-0

Liner&Sleeve	SIZE
In Diameter : 112.0 Out Diameter : 115.0 Total length : 180.0 Flange : 121.7*6.0	STD



### Engine Bearing

MAIN : 8-97045-915  
CON.ROD : 8-97045-800  
T/W : 8-94396-980  
C/B : 8-94363-380  
BUSH : 1-12251-036

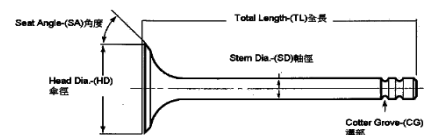
SIZE  
STD



### Engine Valve

OEM NO. 8-94394-160-1  
IN 51.0 9.0 141.0  
OEM NO. 8-97060-415-0  
EX 42.0 9.0 141.0

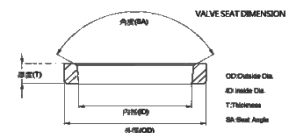
SIZE  
STD



### Valve Seat

OEM NO. 8-94394-127-0  
IN 52.0 45.8 7.3  
OEM NO. 8-94396-172-0  
EX 43.0 36.8 7.0

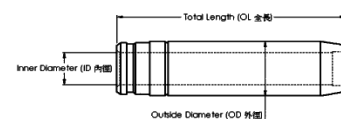
SIZE  
STD



### Valve Guide

OEM NO. 8-94396-598-0  
IN/EX 60.0 9.0 14.0

SIZE  
STD



### Gasket Set

OEM NO.

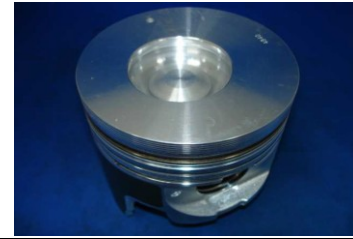




### Piston kit-Set

OEM NO. 8-12111-484-0

Piston	SIZE
Comp : 60.9 w/al-fin Height : -22.1 Length : 119.7 Top Shape : Ø52.2 Direct Injection Pin : 36.0 Length : 79.0	STD



### Piston Ring

 OEM NO. 8-97105-867-0  
 NPR : SDI10-160ZZ

OEM Ring Groove	SIZE
Top : 3.0K 2nd : 2.5 Oil : 4.0	STD



### Cylinder Liner

OEM NO. 8-97176-729-0

Liner&Sleeve	SIZE
In Diameter : 115.0 Out Diameter : 118.0 Total length : 180.0 Flange : 123.7*6.0	STD



### Engine Bearing

 MAIN : 8-97045-915  
 CON.ROD : 8-97045-800  
 T/W : 8-94396-980  
 C/B : 8-97112-638  
 BUSH :

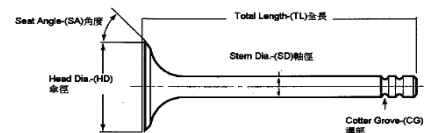
SIZE
STD



### Engine Valve

 OEM NO. 8-94394-160-1  
 IN 51.0 9.0 141.0  
 OEM NO. 8-97060-415-0  
 EX 42.0 9.0 141.0

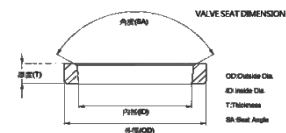
SIZE
STD



### Valve Seat

 OEM NO. 8-94394-127-0  
 IN 52.0 45.8 7.3  
 OEM NO. 8-94396-172-0  
 EX 43.0 36.8 7.0

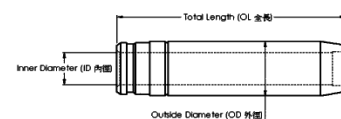
SIZE
STD



### Valve Guide

 OEM NO. 8-94396-598-0  
 IN/EX 60.0 9.0 14.0

SIZE
STD



### Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 5-12111-666-0/8-94183-666-0

Piston	SIZE
Comp : 60.7 w/al-fin Height : -22.0 Length : 104.5 Top Shape : Ø50.5 Direct Injection/Head Anodized Pin : 36.0 Length : 79.0	STD



### Piston Ring

 OEM NO. 8-97105-867-0  
 NPR : SDI10-160ZZ

OEM Ring Groove	SIZE
Top : 3.0K 2nd : 2.5 Oil : 4.0	STD



### Cylinder Liner

OEM NO. 8-97176-729-0

Liner&Sleeve	SIZE
In Diameter : 115.0 Out Diameter : 118.0 Total length : 180.0 Flange : 123.7*6.0	STD



### Engine Bearing

 MAIN : 8-97045-915  
 CON.ROD : 8-97045-800  
 T/W : 8-94396-980  
 C/B : 8-97112-638  
 BUSH :

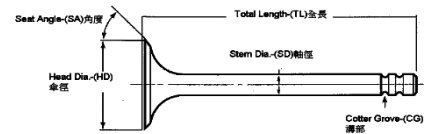
SIZE
STD



### Engine Valve

 OEM NO. 8-94394-160-1  
 IN 51.0 9.0 141.0  
 OEM NO. 8-97060-415-0  
 EX 42.0 9.0 141.0

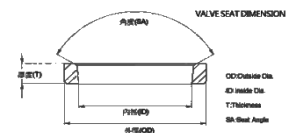
SIZE
STD



### Valve Seat

 OEM NO. 8-94394-127-0  
 IN 52.0 45.8 7.3  
 OEM NO. 8-94396-172-0  
 EX 43.0 36.8 7.0

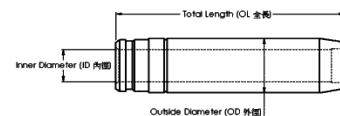
SIZE
STD



### Valve Guide

 OEM NO. 8-94396-598-0  
 IN/EX 60.0 9.0 14.0

SIZE
STD



### Gasket Set

OEM NO.



**Piston kit-Set**

OEM NO. 8-97210-032-0/8-97219-032-0

Piston	SIZE
Comp : 60.7 w/al-fin Height : -22.5 oil-cooled Length : 119.6 Top Shape : Ø51.0 Direct Injection Pin : 36.0 Length : 79.0	STD



**Piston Ring**

OEM NO. 8-97105-867-0  
NPR : SDI10-160ZZ

OEM Ring Groove	SIZE
Top : 3.0K 2nd : 2.5 Oil : 4.0	STD



**Cylinder Liner**

OEM NO. 8-97176-729-0

Liner&Sleeve	SIZE
In Diameter : 115.0 Out Diameter : 118.0 Total length : 180.0 Flange : 123.7*6.0	STD



**Engine Bearing**

MAIN : 8-97045-915  
CON.ROD : 8-97045-800  
T/W : 8-94396-980  
C/B : 8-97112-638  
BUSH :

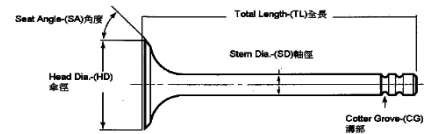
SIZE  
STD



**Engine Valve**

OEM NO. 8-94394-160-1  
IN 51.0 9.0 141.0  
OEM NO. 8-97060-415-0  
EX 42.0 9.0 141.0

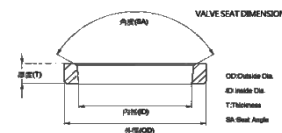
SIZE  
STD



**Valve Seat**

OEM NO. 8-94394-127-0  
IN 52.0 45.8 7.3  
OEM NO. 8-94396-172-0  
EX 43.0 36.8 7.0

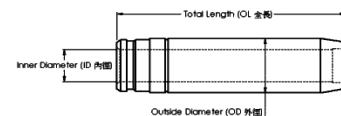
SIZE  
STD



**Valve Guide**

OEM NO. 8-94396-598-0  
IN/EX 60.0 9.0 14.0

SIZE  
STD



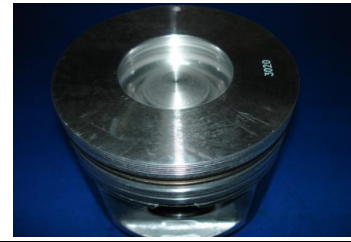
**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO. 8-97228-302-0



Piston	SIZE
Comp : 68.7 w/al-fin Height : -23.8 oil-cooled Length : 122.5 MOS2 Top Shape : Ø52.9 Direct Injection Pin : 36.0 Length : 79.0	STD

**Piston Ring**

OEM NO. 8-97105-867-0  
NPR : SDI10-160ZZ



OEM Ring Groove	SIZE
Top : 3.0K 2nd : 2.5 Oil : 4.0	STD

**Cylinder Liner**

OEM NO. 8-97351-558-0



Liner&Sleeve	SIZE
In Diameter : 115.0 Out Diameter : 118.0 Total length : 180.0 Flange : 123.7*6.0	STD

**Engine Bearing**

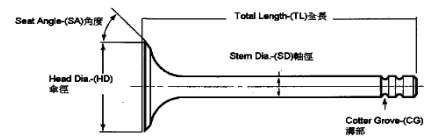
MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :



	SIZE
	STD

**Engine Valve**

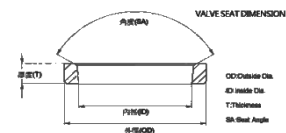
OEM NO.  
IN  
OEM NO.  
EX



	SIZE
	STD

**Valve Seat**

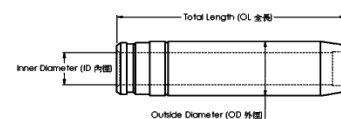
OEM NO.  
IN  
OEM NO.  
EX



	SIZE
	STD

**Valve Guide**

OEM NO.  
IN  
OEM NO.  
EX



	SIZE
	STD

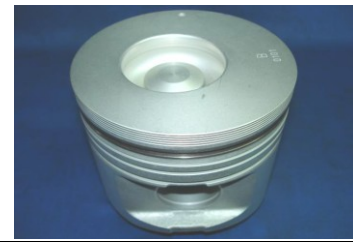
**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO. 8-97228-010-1



Piston	SIZE
Comp : 68.7 w/al-fin Height : -23.8 Length : 122.5 MOS2 Top Shape : Ø52.9 Direct Injection Pin : 36.0 Length : 79.0	STD

**Piston Ring**

OEM NO. 8-97105-867-0  
NPR : SDI10-160ZZ



OEM Ring Groove	SIZE
Top : 3.0K 2nd : 2.5 Oil : 4.0	STD

**Cylinder Liner**

OEM NO. 8-97351-558-0



Liner&Sleeve	SIZE
In Diameter : 115.0 Out Diameter : 118.0 Total length : 180.0 Flange : 123.7*6.0	STD

**Engine Bearing**

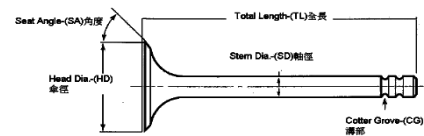
MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :



	SIZE
	STD

**Engine Valve**

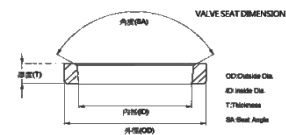
OEM NO.  
IN  
OEM NO.  
EX



	SIZE
	STD

**Valve Seat**

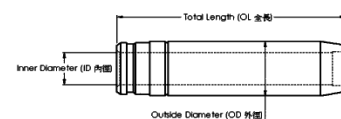
OEM NO.  
IN  
OEM NO.  
EX



	SIZE
	STD

**Valve Guide**

OEM NO.  
IN  
OEM NO.  
EX



	SIZE
	STD

**Gasket Set**

OEM NO.

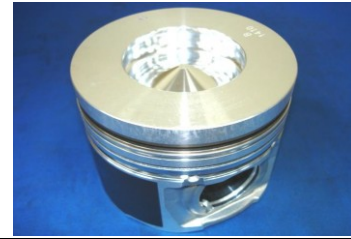


# ISUZU 4HK1-TC

**Application : ELE LIGHT TRUCK**  
**Number of Cylinders 4**  
**Cylinder dia. 115.0 MM**  
**Swept Volume 5193 ccm**

### Piston kit-Set

OEM NO. 8-98041-141-0



Piston	SIZE
Comp : 66.2 w/al-fin Height : -18.8 oil-cooled Length : 96.5 MOS2 Top Shape : Ø62.0 Direct Injection Pin : 40.0 Length : 87.0	STD

### Piston Ring

OEM NO. 8-97219-054-0  
 NPR : SDI10-160ZZ



OEM Ring Groove	SIZE
Top : 3.0HK 2nd : 2.5 Oil : 4.0	STD

### Cylinder Liner

OEM NO. 8-94391-602-1



Liner&Sleeve	SIZE
In Diameter : 115.0 Out Diameter : 118.0 Total length : 210.0 Flange : 123.7*6.0	STD

### Engine Bearing

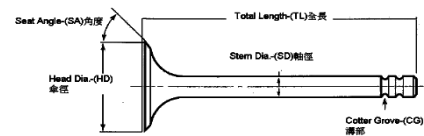
MAIN :  
 CON.ROD :  
 T/W :  
 C/B :  
 BUSH :



SIZE  
 STD

### Engine Valve

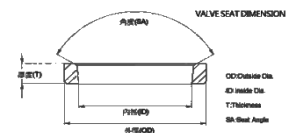
OEM NO. 8-94395-882-0  
 IN 37.0 8.0 130.5 60°  
 OEM NO. 8-94395-883-0  
 EX 37.0 8.0 130.1 45°



SIZE  
 STD

### Valve Seat

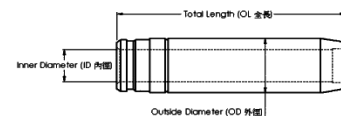
OEM NO. 8-94395-888-0  
 IN 38.0 31.0 6.5 120°  
 OEM NO. 8-97216-511-0  
 EX 38.0 32.0 6.0 90°



SIZE  
 STD

### Valve Guide

OEM NO. 8-94390-780-0  
 IN/EX 57.0 8.0 14.0



SIZE  
 STD

### Gasket Set

OEM NO.



# ISUZU 4HK1E4N/C

Application : FORWARD/TRUCK  
Number of Cylinders 4  
Cylinder dia. 115.0 MM  
Swept Volume 5193 ccm

## Piston kit-Set

OEM NO. 8-97602-801-0

Piston	SIZE
Comp : 66.0 w/al-fin Height : -18.6 Length : 96.7 Top Shape : Ø62.0 Direct Injection Pin : 40.0 Length : 87.0	STD



## Piston Ring

OEM NO. 8-97105-867-0  
NPR : SDI10-160ZZ

OEM Ring Groove	SIZE
Top : 3.0HK 2nd : 2.5 Oil : 4.0	STD



## Cylinder Liner

OEM NO. 8-94391-602-1

Liner&Sleeve	SIZE
In Diameter : 115.0 Out Diameter : 118.0 Total length : 210.0 Flange : 123.7*6.0	STD



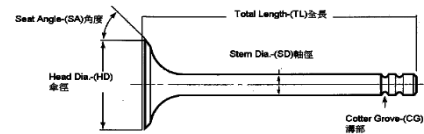
## Engine Bearing

	SIZE
MAIN : CON.ROD : T/W : C/B : BUSH :	STD



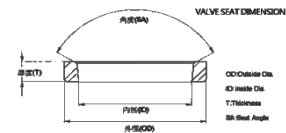
## Engine Valve

	SIZE
OEM NO. 8-94395-882-0 IN 37.0 8.0 130.5 60° OEM NO. 8-94395-883-0 EX 37.0 8.0 130.1 45°	STD



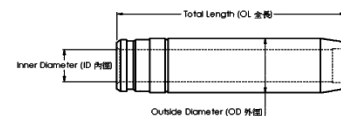
## Valve Seat

	SIZE
OEM NO. 8-94395-888-0 IN 38.0 31.0 6.5 120° OEM NO. 8-97216-511-0 EX 38.0 32.0 6.0 90°	STD



## Valve Guide

	SIZE
OEM NO. 8-94390-780-0 IN/EX 57.0 8.0 14.0	STD



## Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 8-97221-454-0



Piston

SIZE

Comp : 66.3 w/al-fin Height : -18.9 Length : 96.75 MOS2  
 Top Shape : Ø61.9  
 Direct Injection  
 Pin : 40.0 Length : 87.0

STD

### Piston Ring

OEM NO.  
NPR :

OEM Ring Groove

SIZE

Top : 3.0HK  
 2nd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO.

Liner&Sleeve

SIZE

In Diameter :  
 Out Diameter :  
 Total length :  
 Flange :

STD



### Engine Bearing

MAIN :  
 CON.ROD :  
 T/W :  
 C/B :  
 BUSH :

SIZE

STD

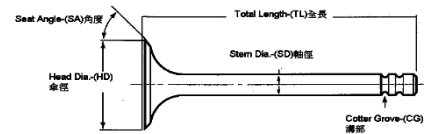


### Engine Valve

OEM NO. 8-94395-882-0  
 IN 37.0 8.0 130.5 60°  
 OEM NO. 8-94395-883-0  
 EX 37.0 8.0 130.1 45°

SIZE

STD

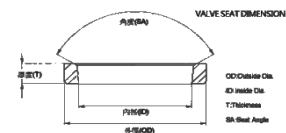


### Valve Seat

OEM NO. 8-94395-888-0  
 IN 38.0 31.0 6.5 120°  
 OEM NO. 8-97216-511-0  
 EX 38.0 32.0 6.0 90°

SIZE

STD

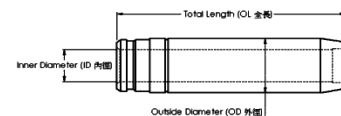


### Valve Guide

OEM NO. 8-94390-780-0  
 IN/EX 57.0 8.0 14.0

SIZE

STD



### Gasket Set

OEM NO.

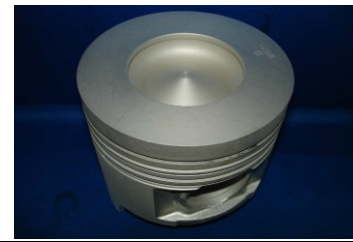




### Piston kit-Set

OEM NO. 8-97602-957-1

Piston	SIZE
Comp : 66.3 Height : -18.9 Length : 119.9 Top Shape : Ø61.6 Direct Injection Pin : 40.0 Length : 82.0	STD



### Piston Ring

 OEM NO. 8-94391-502-3  
 NPR : SDI10-178ZZ

OEM Ring Groove	SIZE
Top : 2.948K 2nd : 2.0 3nd : 2.5 Oil : 3.0	STD



### Cylinder Liner

OEM NO. 8-94391-602-1

Liner&Sleeve	SIZE
In Diameter : 115.0 Out Diameter : 118.0 Total length : 210.0 Flange : 123.7*6.0	STD



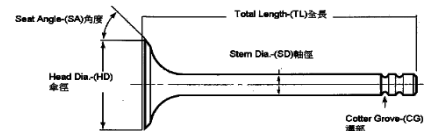
### Engine Bearing

	SIZE
MAIN : CON.ROD : T/W : C/B : BUSH :	STD



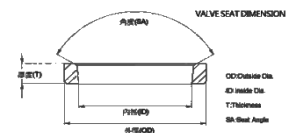
### Engine Valve

	SIZE
OEM NO. 8-94395-882-0 IN 37.0 8.0 130.5 60° OEM NO. 8-94395-883-0 EX 37.0 8.0 130.1 45°	STD



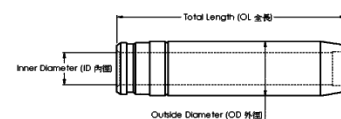
### Valve Seat

	SIZE
OEM NO. 8-94395-888-0 IN 38.0 31.0 6.5 120° OEM NO. 8-97216-511-0 EX 38.0 32.0 6.0 90°	STD



### Valve Guide

	SIZE
OEM NO. 8-94390-780-0 IN/EX 57.0 8.0 14.0	STD



### Gasket Set

OEM NO.



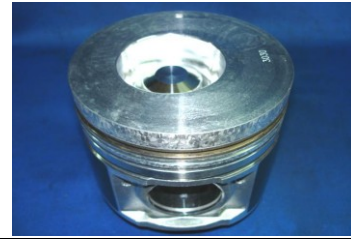
# ISUZU 4HK1-TC

Application : FORWARD. TRUCK  
Number of Cylinders 4  
Cylinder dia. 115.0 MM  
Swept Volume 5193 ccm

## Piston kit-Set

OEM NO. 8-97228-303-0

Piston	SIZE
Comp : 66.1 w/al-fin Height : -24.0 oil-cooled Length : 120.0 MOS2 Top Shape : Ø54.5 Direct Injection Pin : 40.0 Length : 87.0	STD



## Piston Ring

OEM NO. 8-97219-054-0  
NPR : SDI10-160ZZ

OEM Ring Groove	SIZE
Top : 3.0HK 2nd : 2.5 Oil : 4.0	STD



## Cylinder Liner

OEM NO. 8-94391-602-1

Liner&Sleeve	SIZE
In Diameter : 115.0 Out Diameter : 118.0 Total length : 210.0 Flange : 123.7*6.0	STD



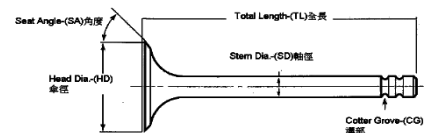
## Engine Bearing

MAIN : CON.ROD : T/W : C/B : BUSH :	SIZE
	STD



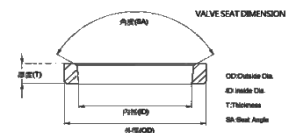
## Engine Valve

OEM NO. 8-94395-882-0 IN 37.0 8.0 130.5 60° OEM NO. 8-94395-883-0 EX 37.0 8.0 130.1 45°	SIZE
	STD



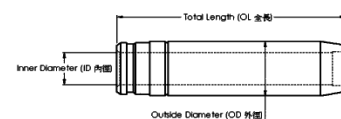
## Valve Seat

OEM NO. 8-94395-888-0 IN 38.0 31.0 6.5 120° OEM NO. 8-97216-511-0 EX 38.0 32.0 6.0 90°	SIZE
	STD



## Valve Guide

OEM NO. 8-94390-780-0 IN/EX 57.0 8.0 14.0	SIZE
	STD



## Gasket Set

OEM NO.



# ISUZU 4HL1

**Application : ELF**  
**Number of Cylinders 4**  
**Cylinder dia. 115.0 MM**  
**Swept Volume 4777 ccm**

### Piston kit-Set

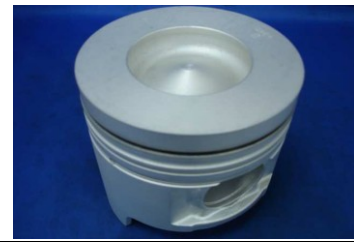
OEM NO. 8-97602-904-0

Piston

SIZE

Comp : 66.3 w/al-fin Height : -18.9 oil-cooled Length : 119.9  
 Top Shape : Ø61.8  
 Direct Injection  
 Pin : 40.0 Length : 87.0

STD



### Piston Ring

OEM NO. 8-97601-318-1

NPR : SDI10-186ZZ

OEM Ring Groove

SIZE

Top : 2.948K  
 2nd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO.

Liner&Sleeve

SIZE

In Diameter :  
 Out Diameter :  
 Total length :  
 Flange :

STD



### Engine Bearing

MAIN :  
 CON.ROD :  
 T/W :  
 C/B :  
 BUSH :

SIZE

STD

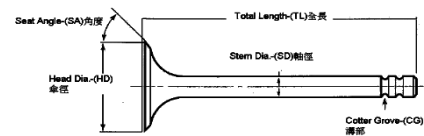


### Engine Valve

OEM NO. 8-94395-882-0  
 IN 37.0 8.0 130.5 60°  
 OEM NO. 8-94395-883-0  
 EX 37.0 8.0 130.1 45°

SIZE

STD

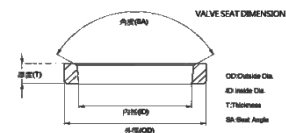


### Valve Seat

OEM NO. 8-94395-888-0  
 IN 38.0 31.0 6.5 120°  
 OEM NO. 8-97216-511-0  
 EX 38.0 32.0 6.0 90°

SIZE

STD

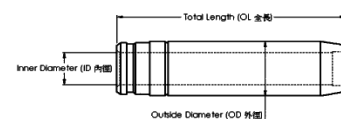


### Valve Guide

OEM NO. 8-94390-780-0  
 IN/EX 57.0 8.0 14.0

SIZE

STD



### Gasket Set

OEM NO.



# ISUZU 4HL1

Application : ELF  
Number of Cylinders 4  
Cylinder dia. 115.0 MM  
Swept Volume 4777 ccm

## Piston kit-Set

OEM NO. 8-97331-643-0

Piston	SIZE
Comp : 58.3 w/al-fin Height : -20.8 oil-cooled Length : 112.0 MOS2 Top Shape : Ø61.8 Direct Injection Pin : 36.0 Length : 79.0	STD



## Piston Ring

OEM NO. 8-97331-641-0  
NPR : SDI10-186ZZ

OEM Ring Groove	SIZE
Top : 3.0 2nd : 2.0 Oil : 3.0	STD



## Cylinder Liner

OEM NO.

Liner&Sleeve	SIZE
In Diameter : Out Diameter : Total length : Flange :	STD



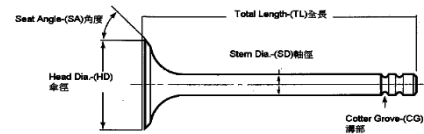
## Engine Bearing

MAIN : CON.ROD : T/W : C/B : BUSH :	SIZE
	STD



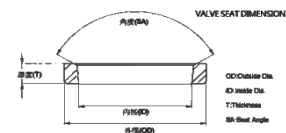
## Engine Valve

OEM NO. 8-94395-882-0 IN 37.0 8.0 130.5 60° OEM NO. 8-94395-883-0 EX 37.0 8.0 130.1 45°	SIZE
	STD



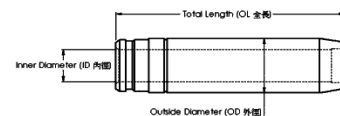
## Valve Seat

OEM NO. 8-94395-888-0 IN 38.0 31.0 6.5 120° OEM NO. 8-97216-511-0 EX 38.0 32.0 6.0 90°	SIZE
	STD



## Valve Guide

OEM NO. 8-94390-780-0 IN/EX 57.0 8.0 14.0	SIZE
	STD



## Gasket Set

OEM NO.



# ISUZU 4HL1

Application : ELF  
Number of Cylinders 4  
Cylinder dia. 115.0 MM  
Swept Volume 4777 ccm

## Piston kit-Set

OEM NO. 8-97604-904-0

Piston

SIZE

Comp : 66.3 w/al-fin Height : -18.9 oil-cooled Length : 119.9  
Top Shape : Ø61.8  
Direct Injection  
Pin : 40.0 Length : 87.0

STD



## Piston Ring

OEM NO. 8-97601-318-1

NPR : SDI10-186ZZ

OEM Ring Groove

SIZE

Top : 2.948K  
2nd : 2.5  
Oil : 3.0

STD



## Cylinder Liner

OEM NO.

Liner&Sleeve

SIZE

In Diameter :  
Out Diameter :  
Total length :  
Flange :

STD



## Engine Bearing

MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :

SIZE

STD

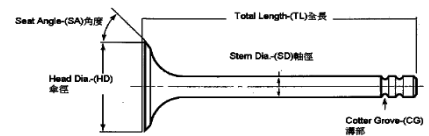


## Engine Valve

OEM NO. 8-94395-882-0  
IN 37.0 8.0 130.5 60°  
OEM NO. 8-94395-883-0  
EX 37.0 8.0 130.1 45°

SIZE

STD

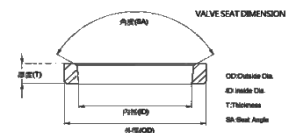


## Valve Seat

OEM NO. 8-94395-888-0  
IN 38.0 31.0 6.5 120°  
OEM NO. 8-97216-511-0  
EX 38.0 32.0 6.0 90°

SIZE

STD

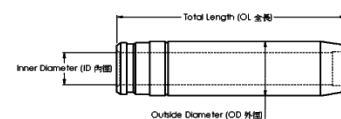


## Valve Guide

OEM NO. 8-94390-780-0  
IN/EX 57.0 8.0 14.0

SIZE

STD



## Gasket Set

OEM NO.



**Piston kit-Set**

OEM NO. 8-94152-712-1/8-94441-964-1/8-94369-281-0



Piston	SIZE
Comp : 47.8 w/al-fin Height : -15.0 Length : 88.0 Top Shape : Ø44.8 Direct Injection Pin : 31.0 Length : 76.0	STD

**Piston Ring**

OEM NO. 8-94247-867-0  
NPR : SJI10-110ZZ



OEM Ring Groove	SIZE
Top : 2.0 2nd : 2.0 Oil : 4.0	STD

**Cylinder Liner**

OEM NO. 8-94110-144-0



Liner&Sleeve	SIZE
In Diameter : 93.0 Out Diameter : 95.0 Total length : 156.0 Flange : 101.0*0.9	STD

**Engine Bearing**

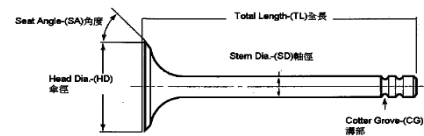
MAIN : 8-94168-553  
CON.ROD : 8-94324-159  
T/W : 8-94168-555  
C/B : 8-94427-196  
BUSH : 8-94247-968



	SIZE
	STD

**Engine Valve**

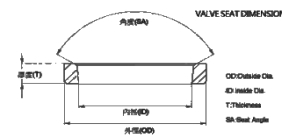
OEM NO. 8-94133-275-1  
IN 40.1 8.0 118.1  
OEM NO. 8-94247-875-1  
EX 35.7 8.0 118.1



	SIZE
	STD

**Valve Seat**

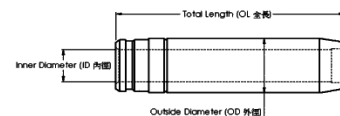
OEM NO. 8-94130-558-0  
IN 41.0 34.5 7.0  
OEM NO. 8-94130-559-0  
EX 36.8 30.5 7.0



	SIZE
	STD

**Valve Guide**

OEM NO. 5-11721-016-0  
IN/EX 50.0 8.0 14.0



	SIZE
	STD

**Gasket Set**

OEM NO. 8-94109-553-2



**Piston kit-Set**

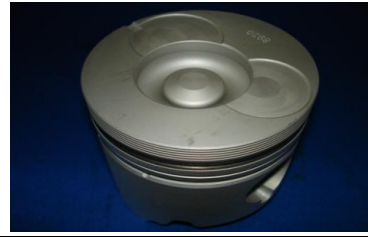
OEM NO. 8-97089-892-0

Piston

SIZE

Comp : 47.8 w/al-fin Height : -17.5 Length : 87.8  
Top Shape : Ø45.0  
Direct Injection  
Pin : 31.0 Length : 76.0

STD



**Piston Ring**

OEM NO. 8-94247-867-0

NPR : SJI10-110ZZ

OEM Ring Groove

SIZE

Top : 2.0  
2nd : 2.0  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 8-94110-144-0

Liner&Sleeve

SIZE

In Diameter : 93.0  
Out Diameter : 95.0  
Total length : 156.0  
Flange : 101.0\*0.9

STD



**Engine Bearing**

MAIN : 8-94168-553  
CON.ROD : 8-94324-159  
T/W : 8-94168-555  
C/B : 8-94427-196  
BUSH : 8-94247-968

SIZE

STD

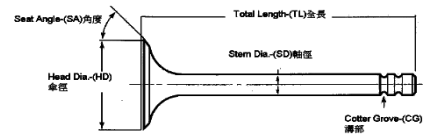


**Engine Valve**

OEM NO. 8-94133-275-1  
IN 40.1 8.0 118.1  
OEM NO. 8-94247-875-1  
EX 35.7 8.0 118.1

SIZE

STD

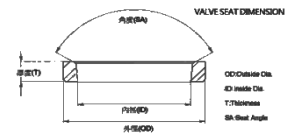


**Valve Seat**

OEM NO. 8-94130-558-0  
IN 41.0 34.5 7.0  
OEM NO. 8-94130-559-0  
EX 36.8 30.5 7.0

SIZE

STD

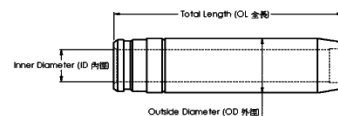


**Valve Guide**

OEM NO. 5-11721-016-0  
IN/EX 50.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

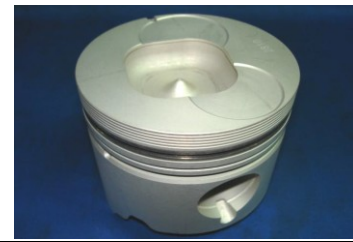
OEM NO. 8-94152-281-0

Piston

SIZE

Comp : 48.0 w/al-fin Height : -14.3 Length : 88.0  
Top Shape : Ø44.5  
Direct Injection  
Pin : 31.0 Length : 76.0

STD



**Piston Ring**

OEM NO. 8-94247-867-0

NPR : SJI10-110ZZ

OEM Ring Groove

SIZE

Top : 2.0  
2nd : 2.0  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 8-94110-144-0

Liner&Sleeve

SIZE

In Diameter : 93.0  
Out Diameter : 95.0  
Total length : 156.0  
Flange : 101.0\*0.9

STD



**Engine Bearing**

MAIN : 8-94168-553  
CON.ROD : 8-94324-159  
T/W : 8-94168-555  
C/B : 8-94427-196  
BUSH : 8-94247-968

SIZE

STD

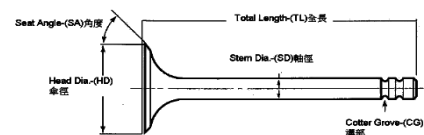


**Engine Valve**

OEM NO. 8-94133-275-1  
IN 40.1 8.0 118.1  
OEM NO. 8-94247-875-1  
EX 35.7 8.0 118.1

SIZE

STD

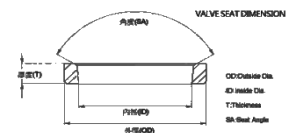


**Valve Seat**

OEM NO. 8-94130-558-0  
IN 41.0 34.5 7.0  
OEM NO. 8-94130-559-0  
EX 36.8 30.5 7.0

SIZE

STD

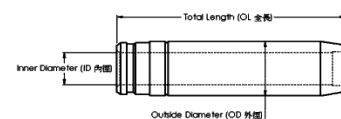


**Valve Guide**

OEM NO. 5-11721-016-0  
IN/EX 50.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO.





**Piston kit-Set**

OEM NO. 9-97942-985-0

Piston

SIZE

Comp : 47.8 w/al-fin Height : -17.2 Length : 102.9  
Top Shape : Ø45.0  
Direct Injection  
Pin : 31.0 Length : 76.0

STD



**Piston Ring**

OEM NO. 8-94247-867-0

NPR : SJI10-110ZZ

OEM Ring Groove

SIZE

Top : 2.0  
2nd : 2.0  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 8-94110-144-0

Liner&Sleeve

SIZE

In Diameter : 93.0  
Out Diameter : 95.0  
Total length : 156.0  
Flange : 101.0\*0.9

STD



**Engine Bearing**

MAIN : 8-94168-553  
CON.ROD : 8-94324-159  
T/W : 8-94168-555  
C/B : 8-94427-196  
BUSH : 8-94247-968

SIZE

STD

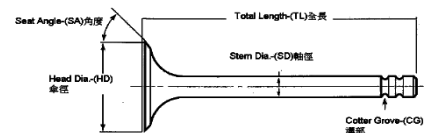


**Engine Valve**

OEM NO. 8-94133-275-1  
IN 40.1 8.0 118.1  
OEM NO. 8-94247-875-1  
EX 35.7 8.0 118.1

SIZE

STD

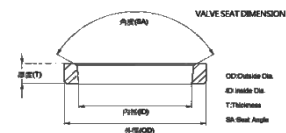


**Valve Seat**

OEM NO. 8-94130-558-0  
IN 41.0 34.5 7.0  
OEM NO. 8-94130-559-0  
EX 36.8 30.5 7.0

SIZE

STD

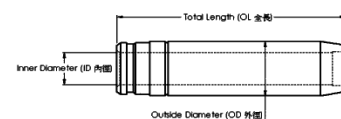


**Valve Guide**

OEM NO. 5-11721-016-0  
IN/EX 50.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO. 8-97176-691-0

Piston

SIZE

Comp : 48.0 w/al-fin Height : Length : 103.0  
Top Shape : Ø44.4  
Direct Injection  
Pin : 31.0 Length :

STD

**Piston Ring**

OEM NO. 8-94247-867-0

NPR : SJI10-110ZZ

OEM Ring Groove

SIZE

Top : 2.0  
2nd : 2.0  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 8-94110-144-0

Liner&Sleeve

SIZE

In Diameter : 93.0  
Out Diameter : 95.0  
Total length : 156.0  
Flange : 101.0\*0.9

STD



**Engine Bearing**

MAIN : 8-94168-553  
CON.ROD : 8-94324-159  
T/W : 8-94168-555  
C/B : 8-94427-196  
BUSH : 8-94247-968

SIZE

STD

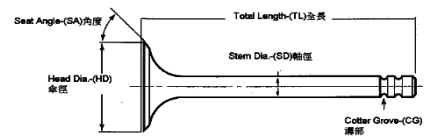


**Engine Valve**

OEM NO. 8-94133-275-1  
IN 40.1 8.0 118.1  
OEM NO. 8-94247-875-1  
EX 35.7 8.0 118.1

SIZE

STD

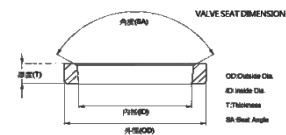


**Valve Seat**

OEM NO. 8-94130-558-0  
IN 41.0 34.5 7.0  
OEM NO. 8-94130-559-0  
EX 36.8 30.5 7.0

SIZE

STD

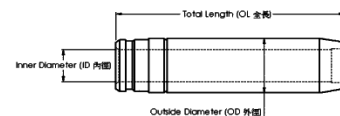


**Valve Guide**

OEM NO. 5-11721-016-0  
IN/EX 50.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

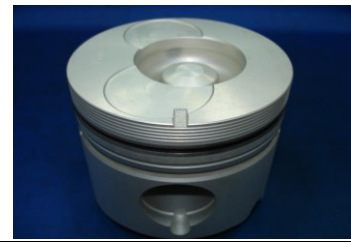
OEM NO. 8-97176-601-0

Piston

SIZE

Comp : 47.8 w/al-fin Height : -17.4 Length : 87.8  
Top Shape : Ø45.0  
Direct Injection  
Pin : 31.0 Length : 76.0

STD



**Piston Ring**

OEM NO. 8-94247-867-0

NPR : SJI10-110ZZ

OEM Ring Groove

SIZE

Top : 2.0  
2nd : 2.0  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 8-94110-144-0

Liner&Sleeve

SIZE

In Diameter : 93.0  
Out Diameter : 95.0  
Total length : 156.0  
Flange : 101.0\*0.9

STD



**Engine Bearing**

MAIN : 8-94168-553  
CON.ROD : 8-94324-159  
T/W : 8-94168-555  
C/B : 8-94427-196  
BUSH : 8-94247-968

SIZE

STD

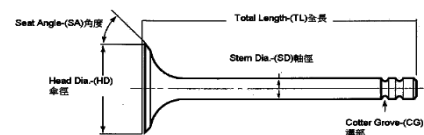


**Engine Valve**

OEM NO. 8-94133-275-1  
IN 40.1 8.0 118.1  
OEM NO. 8-94247-875-1  
EX 35.7 8.0 118.1

SIZE

STD

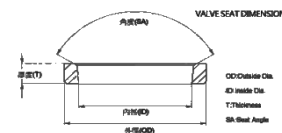


**Valve Seat**

OEM NO. 8-94130-558-0  
IN 41.0 34.5 7.0  
OEM NO. 8-94130-559-0  
EX 36.8 30.5 7.0

SIZE

STD

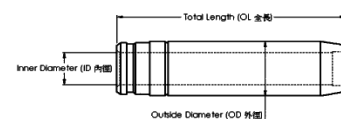


**Valve Guide**

OEM NO. 5-11721-016-0  
IN/EX 50.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO.



### Piston kit-Set

OEM NO. 8-94152-711-1

Piston

SIZE

 Comp : 51.9 w/al-fin Height : -14.3 Length : 91.9  
 Top Shape : Ø48.3  
 Direct Injection  
 Pin : 31.0 Length : 76.0

STD



### Piston Ring

OEM NO. 8-94247-867-0

NPR : SJI10-110ZZ

OEM Ring Groove

SIZE

 Top : 2.0  
 2nd : 2.0  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 8-94247-861-0

Liner&amp;Sleeve

SIZE

 In Diameter : 93.0  
 Out Diameter : 95.0  
 Total length : 181.0  
 Flange : 101.0\*0.9

STD



### Engine Bearing

 MAIN : 8-94168-553  
 CON.ROD : 8-94125-747  
 T/W : 8-94453-520  
 C/B : 8-94168-556  
 BUSH : 8-94247-968

SIZE

STD

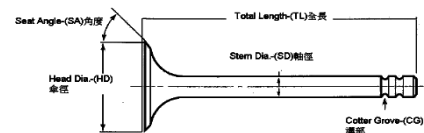


### Engine Valve

 OEM NO. 8-94133-275-1  
 IN 40.1 8.0 118.1  
 OEM NO. 8-94247-875-1  
 EX 35.7 8.0 118.1

SIZE

STD

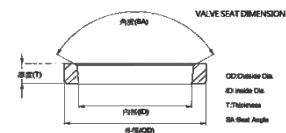


### Valve Seat

 OEM NO. 8-94130-558-0  
 IN 41.0 34.5 7.0  
 OEM NO. 8-94130-559-0  
 EX 36.8 30.5 7.0

SIZE

STD

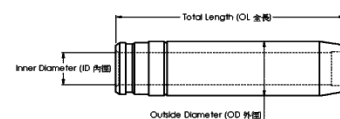


### Valve Guide

 OEM NO. 5-11721-016-0  
 IN/EX 50.0 8.0 14.0

SIZE

STD



### Gasket Set

OEM NO. 8-94332-327-0



# ISUZU 4JB1T

**Application :**  
**Number of Cylinders 4**  
**Cylinder dia. 93.0 MM**  
**Swept Volume 2771 ccm**

## Piston kit-Set

OEM NO. 8-94340-620-2

Piston	SIZE
Comp : 51.9 al-fin Height : -14.0 Length : 91.9 Top Shape : Ø51.0 Direct Injection Pin : 34.0 Length : 78.0	STD



## Piston Ring

OEM NO. 8-94247-867-0  
 NPR : SJI10-110ZZ

OEM Ring Groove	SIZE
Top : 2.0 2nd : 2.0 Oil : 4.0	STD



## Cylinder Liner

OEM NO. 8-94247-861-0

Liner&Sleeve	SIZE
In Diameter : 93.0 Out Diameter : 95.0 Total length : 181.0 Flange : 101.0*0.9	STD



## Engine Bearing

MAIN : 8-94168-553  
 CON.ROD : 8-94125-747  
 T/W : 8-94453-520  
 C/B : 8-94168-556  
 BUSH : 8-94247-968

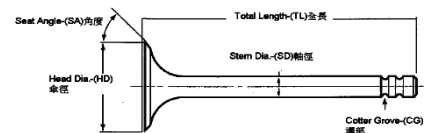
SIZE  
 STD



## Engine Valve

OEM NO. 8-94133-275-1  
 IN 40.1 8.0 118.1  
 OEM NO. 8-94247-875-1  
 EX 35.7 8.0 118.1

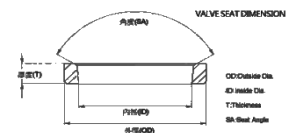
SIZE  
 STD



## Valve Seat

OEM NO. 8-94130-558-0  
 IN 41.0 34.5 7.0  
 OEM NO. 8-94130-559-0  
 EX 36.8 30.5 7.0

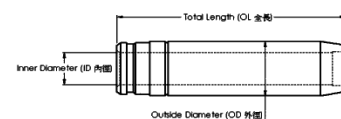
SIZE  
 STD



## Valve Guide

OEM NO. 5-11721-016-0  
 IN/EX 50.0 8.0 14.0

SIZE  
 STD



## Gasket Set

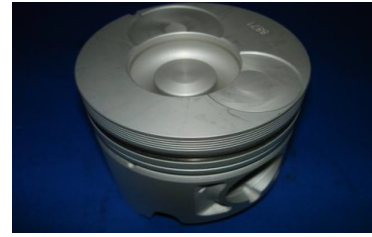
OEM NO.



### Piston kit-Set

OEM NO. 8-97176-621-0

Piston	SIZE
Comp : 52.1 w/al-fin Height : -19.3 Length : 92.0 Top Shape : Ø44.1 Direct Injection Pin : 34.0 Length : 78.0	STD



### Piston Ring

 OEM NO. 8-94247-867-0  
 NPR : SJI10-110ZZ

OEM Ring Groove	SIZE
Top : 2.0 2nd : 2.0 Oil : 4.0	STD



### Cylinder Liner

OEM NO. 9-94247-861-0

Liner&Sleeve	SIZE
In Diameter : 93.0 Out Diameter : 95.0 Total length : 181.0 Flange : 101.0*0.9	STD



### Engine Bearing

 MAIN : 8-94168-552  
 CON.ROD : 8-94125-747  
 T/W : 8-94453-520  
 C/B : 8-94168-556  
 BUSH : 8-94247-968

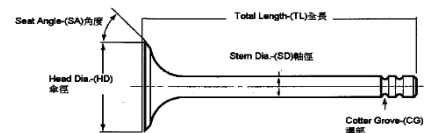
SIZE
STD



### Engine Valve

 OEM NO. 8-94133-275-1  
 IN 40.1 8.0 118.1  
 OEM NO. 8-94247-875-1  
 EX 35.7 8.0 118.1

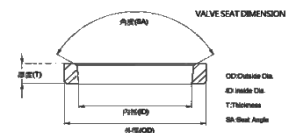
SIZE
STD



### Valve Seat

 OEM NO. 8-94130-558-0  
 IN 41.0 34.5 7.0  
 OEM NO. 8-94130-559-0  
 EX 36.8 30.5 7.0

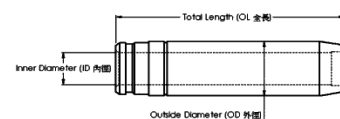
SIZE
STD



### Valve Guide

 OEM NO. 5-11721-016-0  
 IN/EX 50.0 8.0 14.0

SIZE
STD



### Gasket Set

OEM NO.



# ISUZU 4JC1

**Application :**  
Number of Cylinders 4  
Cylinder dia. 88.0 MM  
Swept Volume 2771 ccm

## Piston kit-Set

OEM NO. 8-94335-619-0/8-94335-852-0

Piston	SIZE
Comp : 47.8 w/al-fin Height : -14.3 Length : 87.7 Top Shape : Ø43.6 Direct Injection Pin : 31.0 Length : 71.0	STD



## Piston Ring

OEM NO. 8-94408-207-0  
NPR : SJI10-103ZZ

OEM Ring Groove	SIZE
Top : 2.0 2nd : 2.0 Oil : 4.0	STD



## Cylinder Liner

OEM NO. 8-94169-883-1

Liner&Sleeve	SIZE
In Diameter : 88.0 Out Diameter : 90.0 Total length : 156.0 Flange : 95.0*0.9	STD



## Engine Bearing

MAIN : 8-94168-553  
CON.ROD : 8-94324-159  
T/W : 8-94168-555  
C/B : 8-94427-196  
BUSH : 8-94247-968

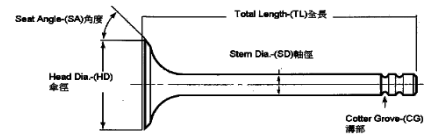
SIZE  
STD



## Engine Valve

OEM NO. 8-94171-291-0  
IN 38.0 8.0 118.6  
OEM NO. 8-94171-292-0  
EX 32.0 8.0 118.6

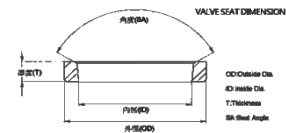
SIZE  
STD



## Valve Seat

OEM NO.  
IN  
OEM NO.  
EX

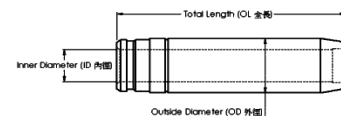
SIZE  
STD



## Valve Guide

OEM NO. 5-11721-016-0  
IN/EX 50.0 8.0 14.0

SIZE  
STD



## Gasket Set

OEM NO.



### Piston kit-Set

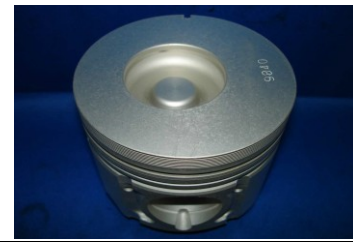
OEM NO. 8-97147-984-0

Piston

SIZE

 Comp : 49.6 w/al-fin Height : -17.0 Length : 89.4  
 Top Shape : Ø43.0  
 Direct Injection  
 Pin : 34.0 Length : 78.0

STD



### Piston Ring

OEM NO. 8-97080-215-0

NPR : SDI10-141ZZ

OEM Ring Groove

SIZE

 Top : 2.5  
 2nd : 2.0  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 8-97176-699-0

Liner&amp;Sleeve

SIZE

 In Diameter : 95.4  
 Out Diameter : 97.0  
 Total length : 181.0  
 Flange : 102.5\*1.15

STD



### Engine Bearing

 MAIN :  
 CON.ROD :  
 T/W :  
 C/B :  
 BUSH :

SIZE

STD



### Engine Valve

OEM NO. 8-97131-134-0

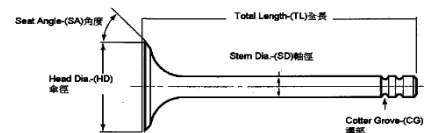
IN 42.0 8.0 118.0

OEM NO. 8-97118-767

EX 35.6 8.0 118.0

SIZE

STD



### Valve Seat

OEM NO. 8-97254-813-0

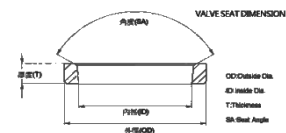
IN 42.8 35.9 6.8

OEM NO. 8-97231-229-0

EX 36.8 30.5 7.1

SIZE

STD



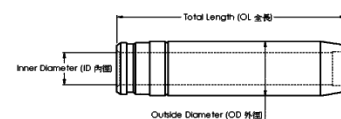
### Valve Guide

OEM NO. 5-11721-016-0

IN/EX 50.0 8.0 14.0

SIZE

STD



### Gasket Set

OEM NO.





**Piston kit-Set**

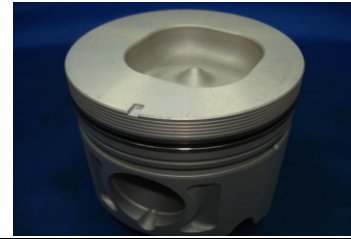
OEM NO. 8-97176-612-0

Piston

SIZE

Comp : 49.6 w/al-fin Height : -15.0 Length : 89.3  
Top Shape : Ø50.0  
Direct Injection  
Pin : 34.0 Length : 78.0

STD



**Piston Ring**

OEM NO. 8-94379-486-0

NPR : SDI10-129ZZ

OEM Ring Groove

SIZE

Top : 2.0  
2nd : 2.0  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 8-97176-699-0

Liner&Sleeve

SIZE

In Diameter : 95.4  
Out Diameter : 97.0  
Total length : 181.0  
Flange : 102.5\*1.15

STD



**Engine Bearing**

MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :

SIZE

STD



**Engine Valve**

OEM NO. 8-97131-134-0

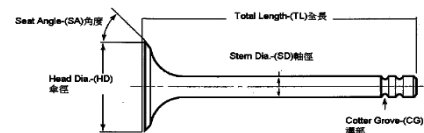
IN 42.0 8.0 118.0

OEM NO. 8-97118-767

EX 35.6 8.0 118.0

SIZE

STD



**Valve Seat**

OEM NO. 8-97254-813-0

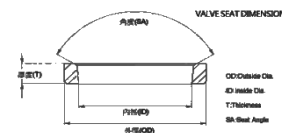
IN 42.8 35.9 6.8

OEM NO. 8-97231-229-0

EX 36.8 30.5 7.1

SIZE

STD



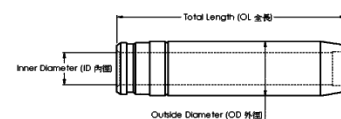
**Valve Guide**

OEM NO. 5-11721-016-0

IN/EX 50.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO. 8-97073-647-1/8-97086-449-0



Piston

SIZE

Comp : 49.2 w/al-fin Height : -2.7 Length : 89.2  
Top Shape : Flower  
Pin : 34.0  
Length : 78.0

STD

**Piston Ring**

OEM NO. 8-97080-215-0  
NPR : SDI10-141ZZ



OEM Ring Groove

SIZE

Top : 2.5  
2nd : 2.0  
Oil : 4.0

STD

**Cylinder Liner**

OEM NO. 8-97176-699-0



Liner&Sleeve

SIZE

In Diameter : 95.4  
Out Diameter : 97.0  
Total length : 181.0  
Flange : 102.5\*1.15

STD

**Engine Bearing**

MAIN : 8-94168-552  
CON.ROD : 8-94125-747  
T/W : 8-94453-520  
C/B : 8-94168-556  
BUSH : 8-94248-968

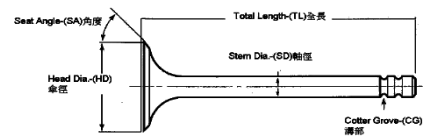


SIZE

STD

**Engine Valve**

OEM NO. 8-97131-134-0  
IN 42.0 8.0 118.1  
OEM NO. 8-97118-767  
EX 35.7 8.0 118.1

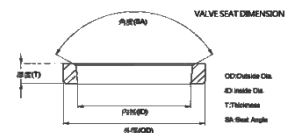


SIZE

STD

**Valve Seat**

OEM NO. 8-97254-813-0  
IN 42.8 35.9 6.8  
OEM NO. 8-97231-229-0  
EX 36.8 30.5 7.1

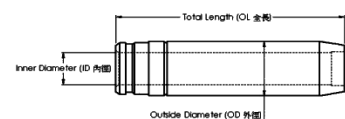


SIZE

STD

**Valve Guide**

OEM NO. 5-11721-016-0  
IN/EX 50.0 8.0 14.0



SIZE

STD

**Gasket Set**

OEM NO.



### Piston kit-Set

OEM NO. 8-97172-620-0

Piston

SIZE

 Comp : 49.2 w/al-fin Height : -2.7 Length : 89.2  
 Top Shape : Flower  
 Pin : 34.0  
 Length : 78.0

STD

### Piston Ring

OEM NO. 8-97080-215-0

NPR : SDI10-141ZZ

OEM Ring Groove

SIZE

 Top : 2.5  
 2nd : 2.0  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 8-97176-699-0

Liner&amp;Sleeve

SIZE

 In Diameter : 95.4  
 Out Diameter : 97.0  
 Total length : 178.0  
 Flange : 102.5\*1.15

STD



### Engine Bearing

 MAIN : 8-94168-552  
 CON.ROD : 8-94125-747  
 T/W : 8-94453-520  
 C/B : 8-94168-556  
 BUSH : 8-94248-968

SIZE

STD



### Engine Valve

OEM NO. 8-97131-134-0

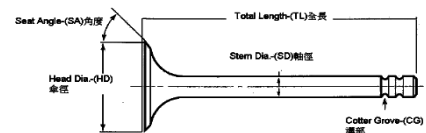
IN 42.0 8.0 118.1

OEM NO. 8-97118-767

EX 35.7 8.0 118.1

SIZE

STD



### Valve Seat

OEM NO. 8-97254-813-0

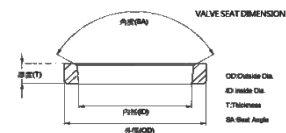
IN 42.8 35.9 6.8

OEM NO. 8-97231-229-0

EX 36.8 30.5 7.1

SIZE

STD



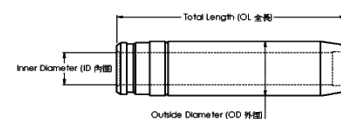
### Valve Guide

OEM NO. 5-11721-016-0

IN/EX 50.0 8.0 14.0

SIZE

STD



### Gasket Set

OEM NO. 8-97066-196-0



**Piston kit-Set**

OEM NO. 8-97172-620-0

Piston

SIZE

Comp : 49.2 w/al-fin Height : -2.7 oil-cooled Length : 89.2  
Top Shape : Flower  
Head Anodized  
Pin : 34.0 Length : 78.0

STD



**Piston Ring**

OEM NO. 8-97080-215-0

NPR : SDI10-141ZZ

OEM Ring Groove

SIZE

Top : 2.5  
2nd : 2.0  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 8-97043-287-0

Liner&Sleeve

SIZE

In Diameter : 95.4  
Out Diameter : 97.0  
Total length : 178.5  
Flange : 102.5\*1.1

STD



**Engine Bearing**

MAIN : 8-94168-552  
CON.ROD : 8-94125-747  
T/W : 8-94453-520  
C/B : 8-94168-556  
BUSH : 8-94248-968

SIZE

STD



**Engine Valve**

OEM NO. 8-97131-134-0

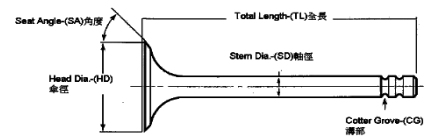
IN 42.0 8.0 118.1

OEM NO. 8-97118-767

EX 35.7 8.0 118.1

SIZE

STD



**Valve Seat**

OEM NO. 8-97254-813-0

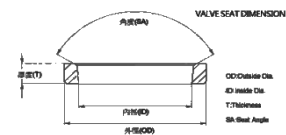
IN 42.8 35.9 6.8

OEM NO. 8-97231-229-0

EX 36.8 30.5 7.1

SIZE

STD



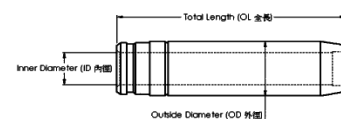
**Valve Guide**

OEM NO. 5-11721-016-0

IN/EX 50.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO. 8-97066-196-0



### Piston kit-Set

OEM NO. 8-97176-624-0

Piston

SIZE

 Comp : 49.2 w/al-fin Height : -1.5 oil-cooled Length : 89.2  
 Top Shape : Flower  
 Head Anodized  
 Pin : 34.0 Length : 78.0

STD



### Piston Ring

OEM NO. 8-97080-215-0

NPR : SDI10-141ZZ

OEM Ring Groove

SIZE

 Top : 2.5  
 2nd : 2.0  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 8-97043-287-0

Liner&amp;Sleeve

SIZE

 In Diameter : 95.4  
 Out Diameter : 97.0  
 Total length : 178.5  
 Flange : 102.5\*1.1

STD



### Engine Bearing

 MAIN : 8-94168-552  
 CON.ROD : 8-94125-747  
 T/W : 8-94453-520  
 C/B : 8-94168-556  
 BUSH : 8-94248-968

SIZE

STD



### Engine Valve

OEM NO. 8-97131-134-0

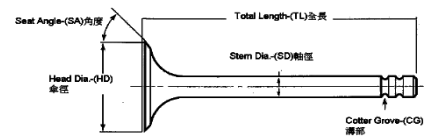
IN 42.0 8.0 118.1

OEM NO. 8-97118-767

EX 35.7 8.0 118.1

SIZE

STD



### Valve Seat

OEM NO. 8-97254-813-0

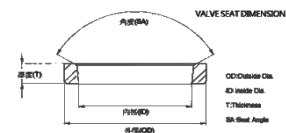
IN 42.8 35.9 6.8

OEM NO. 8-97231-229-0

EX 36.8 30.5 7.1

SIZE

STD



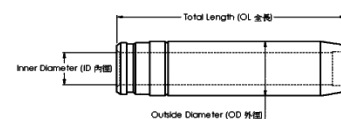
### Valve Guide

OEM NO. 5-11721-016-0

IN/EX 50.0 8.0 14.0

SIZE

STD



### Gasket Set

OEM NO. 8-97066-196-0



**Piston kit-Set**

OEM NO. 8-97086-449-0

Piston

SIZE

Comp : 49.2 w/al-fin Height : -2.7 oil-cooled Length : 89.2  
Top Shape : Flower  
Head Anodized  
Pin : 34.0 Length : 78.0

STD



**Piston Ring**

OEM NO. 8-97080-215-0

NPR : SDI10-141ZZ

OEM Ring Groove

SIZE

Top : 2.5  
2nd : 2.0  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 8-97176-699-0

Liner&Sleeve

SIZE

In Diameter : 95.4  
Out Diameter : 97.0  
Total length : 181.0  
Flange : 102.5\*1.15

STD



**Engine Bearing**

MAIN : 8-94168-552  
CON.ROD : 8-94125-747  
T/W : 8-94453-520  
C/B : 8-94168-556  
BUSH : 8-94248-968

SIZE

STD



**Engine Valve**

OEM NO. 8-97131-134-0

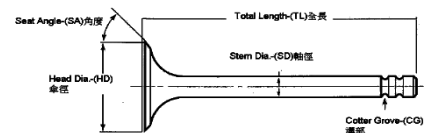
IN 42.0 8.0 118.1

OEM NO. 8-97118-767

EX 35.7 8.0 118.1

SIZE

STD



**Valve Seat**

OEM NO. 8-97254-813-0

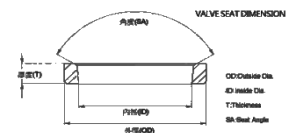
IN 42.8 35.9 6.8

OEM NO. 8-97231-229-0

EX 36.8 30.5 7.1

SIZE

STD



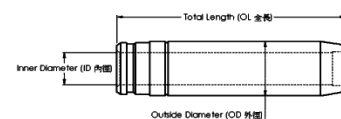
**Valve Guide**

OEM NO. 5-11721-016-0

IN/EX 50.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO. 8-97066-196-0



**Piston kit-Set**

OEM NO. 8-97305-586-1

Piston

SIZE

Comp : 49.9 w/al-fin Height : -20 oil-cooled Length : 88.9  
Top Shape : Ø45.0  
Direct Injection  
Pin : 31.0 Length : 78.0

STD



**Piston Ring**

OEM NO. 8-97941-122-0

NPR : SDI10-193ZZ

OEM Ring Groove

SIZE

Top : 2.5  
2nd : 2.0  
Oil : 3.0

STD



**Cylinder Liner**

OEM NO. 8-97176-699-0

Liner&Sleeve

SIZE

In Diameter : 95.4  
Out Diameter : 97.0  
Total length : 178.0  
Flange : 102.5\*1.15

STD



**Engine Bearing**

MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :

SIZE

STD



**Engine Valve**

OEM NO. 8-97131-134-0

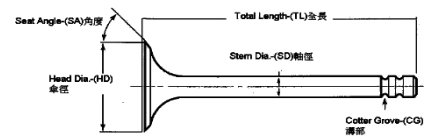
IN 42.0 8.0 118.1

OEM NO. 8-97118-767

EX 35.7 8.0 118.1

SIZE

STD



**Valve Seat**

OEM NO. 8-97254-813-0

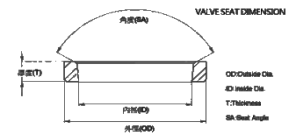
IN 42.8 35.9 6.8

OEM NO. 8-97231-229-0

EX 36.8 30.5 7.1

SIZE

STD



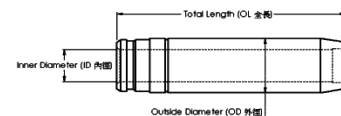
**Valve Guide**

OEM NO. 5-11721-016-0

IN/EX 50.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

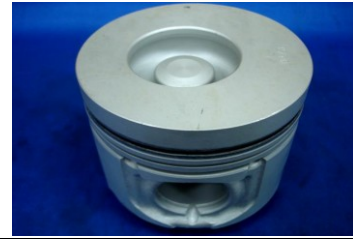
OEM NO. 8-97300-047-3

Piston

SIZE

Comp : 49.9 w/al-fin Height : -20.0 oil-cooled Length : 88.9  
Top Shape : Ø45.0  
Direct Injection  
Pin : 31.0 Length : 78.0

STD



**Piston Ring**

OEM NO. 8-97941-122-0

NPR : SDI10-193ZZ

OEM Ring Groove

SIZE

Top : 2.5  
2nd : 2.0  
Oil : 3.0

STD



**Cylinder Liner**

OEM NO. 8-97176-699-0

Liner&Sleeve

SIZE

In Diameter : 95.4  
Out Diameter : 97.0  
Total length : 178.0  
Flange : 102.5\*1.15

STD



**Engine Bearing**

MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :

SIZE

STD



**Engine Valve**

OEM NO. 8-97131-134-0

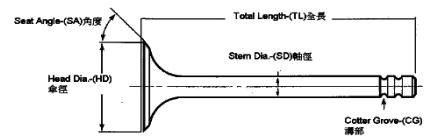
IN 42.0 8.0 118.1

OEM NO. 8-97118-767

EX 35.7 8.0 118.1

SIZE

STD



**Valve Seat**

OEM NO. 8-97254-813-0

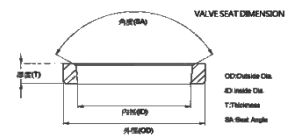
IN 42.8 35.9 6.8

OEM NO. 8-97231-229-0

EX 36.8 30.5 7.1

SIZE

STD



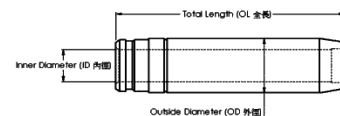
**Valve Guide**

OEM NO. 5-11721-016-0

IN/EX 50.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO.





**Piston kit-Set**

OEM NO. 8-97367-397-1

Piston

SIZE

Comp : 49.7 w/al-fin Height : -16.0 oil-cooled  
Length : 78.5 MOS2  
Top Shape : Ø55.1 Direct Injection/Head Anodized  
Pin : 34.0 Length : 78.0

STD



**Piston Ring**

OEM NO. 8-97388-734-0

NPR : SDI10-210ZZ

OEM Ring Groove

SIZE

Top : 2.0HK  
2nd : 1.5  
Oil : 3.0

STD



**Cylinder Liner**

OEM NO.

Liner&Sleeve

SIZE

In Diameter :  
Out Diameter :  
Total length :  
Flange :

STD



**Engine Bearing**

MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :

SIZE

STD



**Engine Valve**

OEM NO. 8-97039-675-1

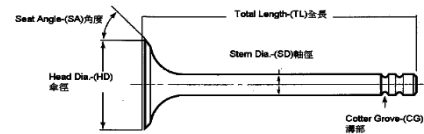
IN 33.0 7.0 107.5

OEM NO. 8-97039-677-1

EX 30.0 7.0 107.5

SIZE

STD

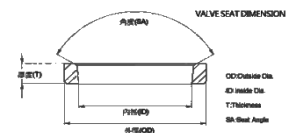


**Valve Seat**

OEM NO.  
IN  
OEM NO.  
EX

SIZE

STD



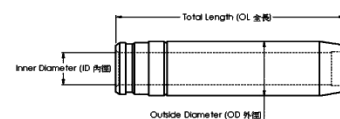
**Valve Guide**

OEM NO. 8-94239-423-0

IN/EX 43.0 7.0 11.5

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO. 8-98043-703-1/898043-704-1/8-98043-705-1

Piston	SIZE
Comp : 49.7 w/al-fin Height : -16.3 oil-cooled Length : 78.5 MOS2 Top Shape : Ø55.3 Direct Injection/Head Anodized Pin : 34.0 Length : 78.0	STD



**Piston Ring**

OEM NO. 8-97319-087-0  
NPR : SDI10-211ZZ

OEM Ring Groove	SIZE
Top : 2.0HK 2nd : 2.0 Oil : 3.0	STD



**Cylinder Liner**

OEM NO.

Liner&Sleeve	SIZE
In Diameter : Out Diameter : Total length : Flange :	STD



**Engine Bearing**

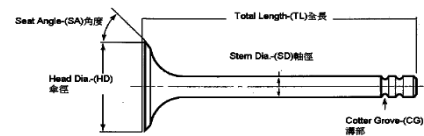
MAIN :	SIZE
CON.ROD :	STD
T/W :	
C/B :	
BUSH :	



**Engine Valve**

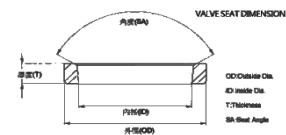
OEM NO. 8-97039-675-1  
IN 33.0 7.0 107.5  
OEM NO. 8-97039-677-1  
EX 30.0 7.0 107.5

SIZE
STD



**Valve Seat**

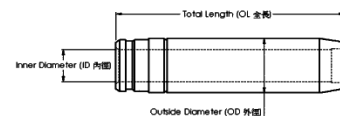
OEM NO. IN OEM NO. EX	SIZE
	STD



**Valve Guide**

OEM NO. 8-94239-423-0  
IN/EX 43.0 7.0 11.5

SIZE
STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO. 8-97367-672-2

Piston	SIZE
Comp : 58.5 w/al-fin Height : -17.0 oil-cooled Length : 87.1 MOS2 Top Shape : Ø45.7 Direct Injection/Head Anodized Pin : 34.0 Length : 78.0	STD



**Piston Ring**

OEM NO. NPR :	SIZE
OEM Ring Groove	SIZE
Top : 2.0K 2nd : 1.5 Oil : 3.0	STD



**Cylinder Liner**

OEM NO.	SIZE
Liner&Sleeve	SIZE
In Diameter : Out Diameter : Total length : Flange :	STD



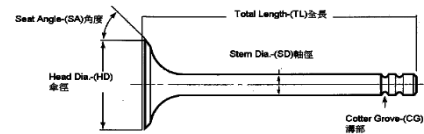
**Engine Bearing**

MAIN :	SIZE
CON.ROD :	SIZE
T/W :	STD
C/B :	STD
BUSH :	STD



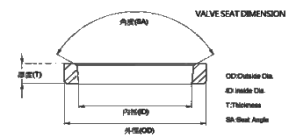
**Engine Valve**

OEM NO. 8-97039-675-1 IN 33.0 7.0 107.5 OEM NO. 8-97039-677-1 EX 30.0 7.0 107.5	SIZE
	STD



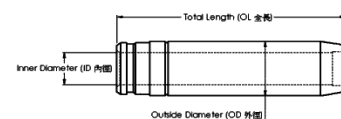
**Valve Seat**

OEM NO. IN OEM NO. EX	SIZE
	STD



**Valve Guide**

OEM NO. 8-94239-423-0 IN/EX 43.0 7.0 11.5	SIZE
	STD



**Gasket Set**

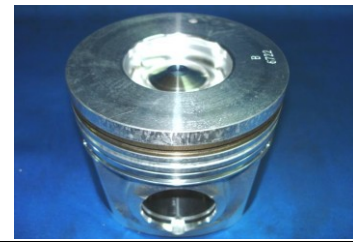
OEM NO.	
---------	--



**Piston kit-Set**

OEM NO. 8-97355-672-2/8-97555-672-2

Piston	SIZE
Comp : 58.6 w/al-fin Height : -16.8 oil-cooled Length : 87.3 MOS2 Top Shape : Ø45.8 Direct Injection/Head Anodized Pin : 34.0 Length : 78.0	STD



**Piston Ring**

OEM NO. 897338-734-0  
NPR : SDI110-210ZZ

OEM Ring Groove	SIZE
Top : 2.0HK 2nd : 1.5 Oil : 3.0	STD



**Cylinder Liner**

OEM NO.

Liner&Sleeve	SIZE
In Diameter : Out Diameter : Total length : Flange :	STD



**Engine Bearing**

MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :

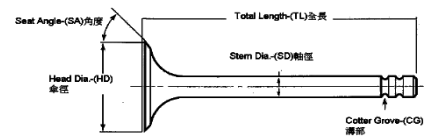
SIZE
STD



**Engine Valve**

OEM NO. 8-97039-675-1  
IN 33.0 7.0 107.5  
OEM NO. 8-97039-677-1  
EX 30.0 7.0 107.5

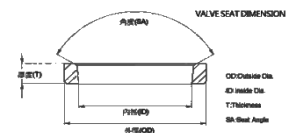
SIZE
STD



**Valve Seat**

OEM NO.  
IN  
OEM NO.  
EX

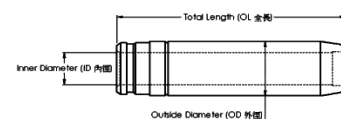
SIZE
STD



**Valve Guide**

OEM NO. 8-94239-423-0  
IN/EX 43.0 7.0 11.5

SIZE
STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO. 8-97182-768-1

Piston

SIZE

Comp : 50.3 w/al-fin Height : -17.3 oil-cooled  
Length : 101.9 MOS2  
Top Shape : Ø51.5 Direct Injection/Head Anodized  
Pin : 31.0 Length : 76.0

STD



**Piston Ring**

OEM NO. 8-97184-53-0  
NPR : SDI10-171ZZ

OEM Ring Groove

SIZE

Top : 2.45DK  
2nd : 2.0  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO.

Liner&Sleeve

SIZE

In Diameter :  
Out Diameter :  
Total length :  
Flange :

STD



**Engine Bearing**

MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :

SIZE

STD

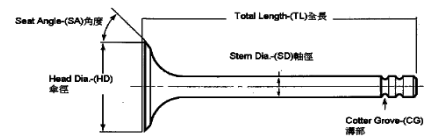


**Engine Valve**

OEM NO.  
IN  
OEM NO.  
EX

SIZE

STD

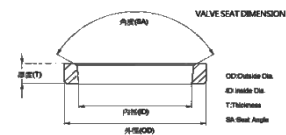


**Valve Seat**

OEM NO.  
IN  
OEM NO.  
EX

SIZE

STD

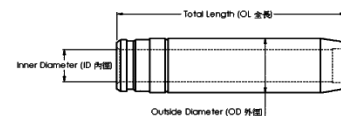


**Valve Guide**

OEM NO. 8-97136-719-0  
IN/EX 35.5 7.0 11.55

SIZE

STD



**Gasket Set**

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-633-0

Piston

SIZE

Comp : 62.8 Height : -19.4 Length : 102.0  
Top Shape : Ø53.5  
Direct Injection  
Pin : 35.0 Length : 87.0

STD



### Piston Ring

OEM NO. 5-12181-023-2

NPR : SJI10-065ZZ

OEM Ring Groove

SIZE

Top : 3.0  
2nd : 2.5  
Oil : 5.0

STD



### Cylinder Liner

OEM NO. 9-11261-004-0

Liner&Sleeve

SIZE

In Diameter : 102.0  
Out Diameter : 105.0  
Total length : 204.0  
Flange : 112.0\*1.4

STD



### Engine Bearing

MAIN : 1-11510-074

CON.ROD : 9-12271-608

T/W : 1-11680-001

C/B :

BUSH : 5-12251-006

SIZE

STD



### Engine Valve

OEM NO. 1-12551-050-0

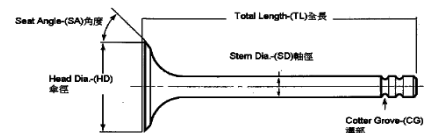
IN 45.0 9.0 127.8

OEM NO. 1-12552-025-0

EX 37.5 9.0 127.8

SIZE

STD



### Valve Seat

OEM NO. 5-11715-607-0

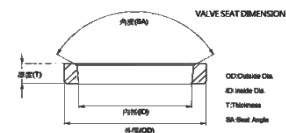
IN 47.0 39.0 7.3

OEM NO. 9-11711-803-0

EX 39.0 31.0 7.36

SIZE

STD



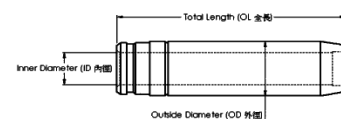
### Valve Guide

OEM NO. 5-11721-001-0

IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO. 5-11141-056-0



### Piston kit-Set

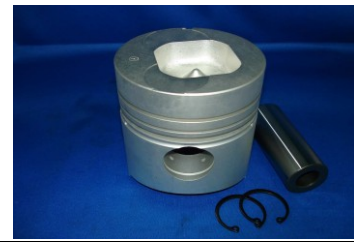
OEM NO. 1-12111-013-0

Piston

SIZE

 Comp : 63.1 w/al-fin Height : -19.0 Length : 112.4  
 Top Shape : Ø53.5  
 Direct Injection  
 Pin : 35.0 Length : 87.0

STD



### Piston Ring

OEM NO. 5-12181-023-2

NPR : SJI10-065ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 5.0

STD



### Cylinder Liner

OEM NO. 9-11261-004-0

Liner&amp;Sleeve

SIZE

 In Diameter : 102.0  
 Out Diameter : 105.0  
 Total length : 204.0  
 Flange : 112.0\*1.4

STD



### Engine Bearing

MAIN : 1-11510-074

CON.ROD : 9-12271-608

T/W : 1-11680-001

C/B :

BUSH : 5-12251-006

SIZE

STD



### Engine Valve

OEM NO. 1-12551-050-0

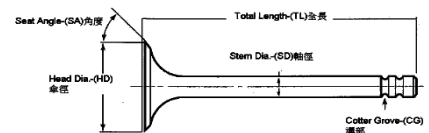
IN 45.0 9.0 127.8

OEM NO. 1-12552-025-0

EX 37.5 9.0 127.8

SIZE

STD



### Valve Seat

OEM NO. 5-11715-607-0

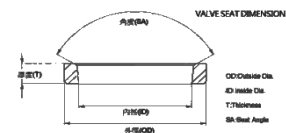
IN 47.0 39.0 7.3

OEM NO. 9-11711-803-0

EX 39.0 31.0 7.36

SIZE

STD



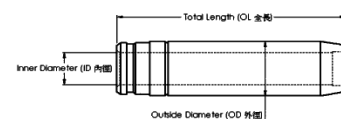
### Valve Guide

OEM NO. 5-11721-001-0

IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO. 5-11141-056-0



### Piston kit-Set

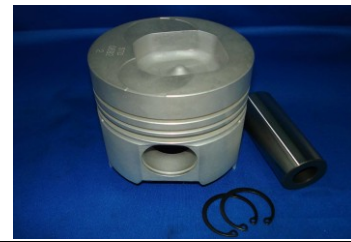
OEM NO. 1-12111-068-0

Piston

SIZE

 Comp : 59.0 w/al-fin Height : -21.5 Length : 104.2  
 Top Shape : Ø54.6  
 Direct Injection  
 Pin : 35.0 Length : 87.5

STD



### Piston Ring

OEM NO. 5-12181-023-2

NPR : SJI10-065ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 5.0

STD



### Cylinder Liner

OEM NO. 9-11261-004-0

Liner&amp;Sleeve

SIZE

 In Diameter : 102.0  
 Out Diameter : 105.0  
 Total length : 204.0  
 Flange : 112.0\*1.4

STD



### Engine Bearing

MAIN : 1-11510-074

CON.ROD : 9-12271-608

T/W : 1-11680-001

C/B :

BUSH : 5-12251-006

SIZE

STD



### Engine Valve

OEM NO. 1-12551-050-0

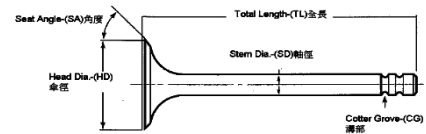
IN 45.0 9.0 127.8

OEM NO. 1-12552-025-0

EX 37.5 9.0 127.8

SIZE

STD



### Valve Seat

OEM NO. 5-11715-607-0

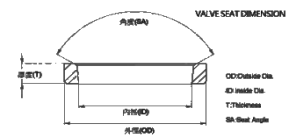
IN 47.0 39.0 7.3

OEM NO. 9-11711-803-0

EX 39.0 31.0 7.36

SIZE

STD



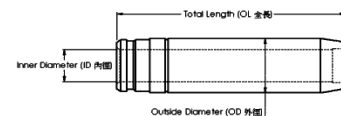
### Valve Guide

OEM NO. 5-11721-001-0

IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO. 5-11141-056-0





### Piston kit-Set

OEM NO. 1-12111-240-1

Piston

SIZE

 Comp : 58.8 w/al-fin Height : -20.2 Length : 98.0  
 Top Shape : Ø54.6  
 Direct Injection  
 Pin : 35.0 Length : 87.5

STD



### Piston Ring

OEM NO. 5-12181-023-2

NPR : SJI10-065ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 5.0

STD



### Cylinder Liner

OEM NO. 9-11261-004-0

Liner&amp;Sleeve

SIZE

 In Diameter : 102.0  
 Out Diameter : 105.0  
 Total length : 204.0  
 Flange : 112.0\*1.4

STD



### Engine Bearing

MAIN : 1-11510-074

CON.ROD : 9-12271-608

T/W : 1-11680-001

C/B :

BUSH : 5-12251-006

SIZE

STD



### Engine Valve

OEM NO. 1-12551-050-0

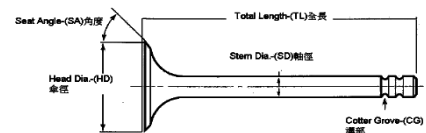
IN 45.0 9.0 127.8

OEM NO. 1-12552-025-0

EX 37.5 9.0 127.8

SIZE

STD



### Valve Seat

OEM NO. 5-11715-607-0

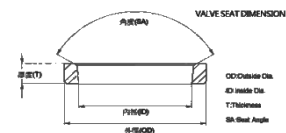
IN 47.0 39.0 7.3

OEM NO. 9-11711-803-0

EX 39.0 31.0 7.36

SIZE

STD



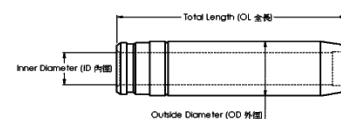
### Valve Guide

OEM NO. 5-11721-001-0

IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO. 5-11141-195-0



### Piston kit-Set

OEM NO. 1-12111-303-1

Piston

SIZE

 Comp : 58.8 w/al-fin Height : -20.5 Length : 98.0  
 Top Shape : Ø53.5  
 Direct Injection  
 Pin : 35.0 Length : 87.5

STD



### Piston Ring

OEM NO. 5-12181-023-2

NPR : SJI10-065ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 5.0

STD



### Cylinder Liner

OEM NO. 9-11261-004-0

Liner&amp;Sleeve

SIZE

 In Diameter : 102.0  
 Out Diameter : 105.0  
 Total length : 204.0  
 Flange : 112.0\*1.4

STD



### Engine Bearing

MAIN : 1-11510-074

CON.ROD : 9-12271-608

T/W : 1-11680-001

C/B :

BUSH : 5-12251-006

SIZE

STD



### Engine Valve

OEM NO. 1-12551-050-0

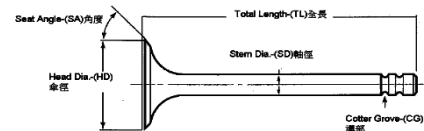
IN 45.0 9.0 127.8

OEM NO. 1-12552-025-0

EX 37.5 9.0 127.8

SIZE

STD



### Valve Seat

OEM NO. 5-11715-607-0

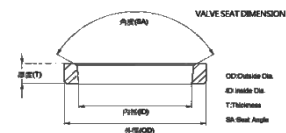
IN 47.0 39.0 7.3

OEM NO. 9-11711-803-0

EX 39.0 31.0 7.36

SIZE

STD



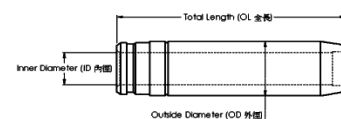
### Valve Guide

OEM NO. 5-11721-001-0

IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO. 5-11141-195-0



**Piston kit-Set**

OEM NO. 1-12111-325-1

Piston

SIZE

 Comp : 58.8 w/al-fin Height : -20.0 Length : 98.0  
 Top Shape : Ø55.0  
 Direct Injection  
 Pin : 35.0 Length : 87.5

STD


**Piston Ring**

OEM NO. 5-12181-023-2

NPR : SJI10-065ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 5.0

STD


**Cylinder Liner**

OEM NO. 9-11261-004-0

Liner&amp;Sleeve

SIZE

 In Diameter : 102.0  
 Out Diameter : 105.0  
 Total length : 204.0  
 Flange : 112.0\*1.4

STD


**Engine Bearing**

MAIN : 1-11510-074

CON.ROD : 9-12271-608

T/W : 1-11680-001

C/B :

BUSH : 5-12251-006

SIZE

STD


**Engine Valve**

OEM NO. 1-12551-050-0

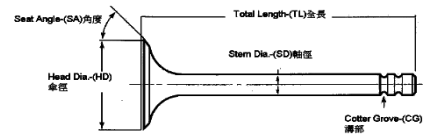
IN 45.0 9.0 127.8

OEM NO. 1-12552-025-0

EX 37.5 9.0 127.8

SIZE

STD


**Valve Seat**

OEM NO. 5-11715-607-0

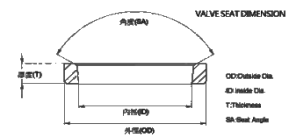
IN 47.0 39.0 7.3

OEM NO. 9-11711-803-0

EX 39.0 31.0 7.36

SIZE

STD

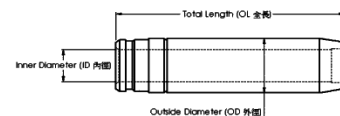

**Valve Guide**

OEM NO. 5-11721-001-0

IN/EX 60.0 9.0 14.0

SIZE

STD


**Gasket Set**

OEM NO. 5-11141-195-0



### Piston kit-Set

OEM NO. 1-12111-773-1

Piston

SIZE

 Comp : 58.7 w/al-fin Height : -21.0 Length : 98.0  
 Top Shape : Ø55.0  
 Direct Injection  
 Pin : 35.0 Length : 87.5

STD



### Piston Ring

OEM NO. 5-12181-023-2

NPR : SJI10-065ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 5.0

STD



### Cylinder Liner

OEM NO. 9-11261-004-0

Liner&amp;Sleeve

SIZE

 In Diameter : 102.0  
 Out Diameter : 105.0  
 Total length : 204.0  
 Flange : 112.0\*1.4

STD



### Engine Bearing

MAIN : 1-11510-074

CON.ROD : 9-12271-608

T/W : 1-11680-001

C/B :

BUSH : 5-12251-006

SIZE

STD



### Engine Valve

OEM NO. 1-12551-050-0

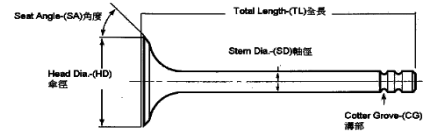
IN 45.0 9.0 127.8

OEM NO. 1-12552-025-0

EX 37.5 9.0 127.8

SIZE

STD



### Valve Seat

OEM NO. 5-11715-607-0

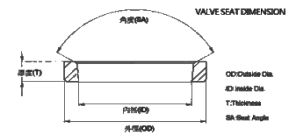
IN 47.0 39.0 7.3

OEM NO. 9-11711-803-0

EX 39.0 31.0 7.36

SIZE

STD



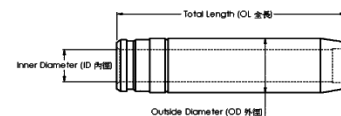
### Valve Guide

OEM NO. 5-11721-001-0

IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO. 5-11141-195-0



### Piston kit-Set

OEM NO. 1-12111-345-0

Piston

SIZE

 Comp : 58.7 w/al-fin Height : -19.8 Length : 110.0  
 Top Shape : Ø53.8  
 Direct Injection  
 Pin : 35.0 Length : 87.5

STD



### Piston Ring

OEM NO. 5-12121-052-0

NPR : SJI10-082ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 5.0

STD



### Cylinder Liner

OEM NO. 9-11262-119-0

Liner&amp;Sleeve

SIZE

 In Diameter : 105.0  
 Out Diameter : 107.0  
 Total length : 203.0  
 Flange : 113.0\*1.4

STD



### Engine Bearing

MAIN : 1-11510-074

CON.ROD : 9-12271-608

T/W : 1-11680-001

C/B :

BUSH : 5-12251-006

SIZE

STD



### Engine Valve

OEM NO. 1-12551-050-0

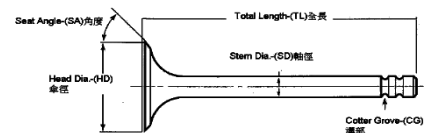
IN 45.0 9.0 127.8

OEM NO. 1-12552-025-0

EX 37.5 9.0 127.8

SIZE

STD



### Valve Seat

OEM NO. 5-11715-607-0

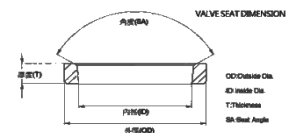
IN 47.0 39.0 7.3

OEM NO. 9-11711-803-0

EX 39.0 31.0 7.36

SIZE

STD



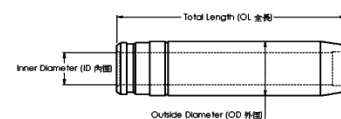
### Valve Guide

OEM NO. 5-11721-001-0

IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO. 5-11141-066-1



### Piston kit-Set

OEM NO. 1-12111-377-4/12111-323-2

Piston

SIZE

 Comp : 55.3 w/al-fin Height : -18.7 Length : 94.6  
 Top Shape : Ø56.6  
 Direct Injection  
 Pin : 35.0 Length : 87.5

STD



### Piston Ring

 OEM NO. 1-12121-065  
 NPR : SJI10-104ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 9-11262-119-0

Liner&amp;Sleeve

SIZE

 In Diameter : 105.0  
 Out Diameter : 107.0  
 Total length : 203.0  
 Flange : 113.0\*1.4

STD



### Engine Bearing

 MAIN : 1-11510-074  
 CON.ROD : 9-12271-608  
 T/W : 1-11680-001  
 C/B :  
 BUSH : 5-12251-006

SIZE

STD

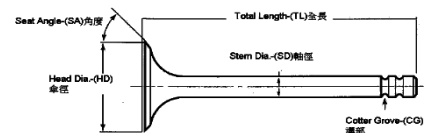


### Engine Valve

 OEM NO. 1-12551-081/2/3-0  
 IN 46.0 9.0 127.8  
 OEM NO. 1-12552-025-0  
 EX 37.5 9.0 127.8

SIZE

STD

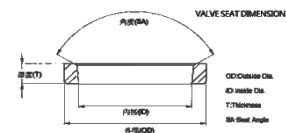


### Valve Seat

 OEM NO. 5-11715-607-0  
 IN 47.0 39.0 7.3  
 OEM NO. 9-11711-803-0  
 EX 39.0 31.0 7.36

SIZE

STD

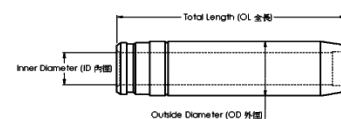


### Valve Guide

 OEM NO. 5-11721-001-0  
 IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO. 5-11141-196-0



**Piston kit-Set**

OEM NO. 1-12111-781-0/1-12111-785-0

Piston

SIZE

Comp : 54.9 w/al-fin Height : -22.3 oil-cooled Length : 94.5  
Top Shape : Ø56.0  
Direct Injection  
Pin : 35.0 Length : 87.5

STD



**Piston Ring**

OEM NO. 1-12121-115-0  
NPR : SJI10-128ZZ

OEM Ring Groove

SIZE

Top : 3.5  
2nd : 2.5  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 9-11262-119-0

Liner&Sleeve

SIZE

In Diameter : 105.0  
Out Diameter : 107.0  
Total length : 203.0  
Flange : 113.0\*1.4

STD



**Engine Bearing**

MAIN : 1-11510-074  
CON.ROD : 9-12271-608  
T/W : 1-11680-001  
C/B :  
BUSH : 5-12251-006

SIZE

STD

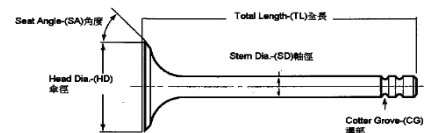


**Engine Valve**

OEM NO. 1-12551-081/2/3-0  
IN 46.0 9.0 127.8  
OEM NO. 1-12552-025-0  
EX 37.5 9.0 127.8

SIZE

STD

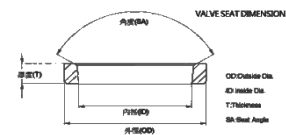


**Valve Seat**

OEM NO. 5-11715-607-0  
IN 47.0 39.0 7.3  
OEM NO. 9-11711-803-0  
EX 39.0 31.0 7.36

SIZE

STD

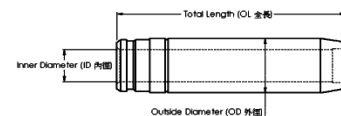


**Valve Guide**

OEM NO. 5-11721-001-0  
IN/EX 60.0 9.0 14.0

SIZE

STD



**Gasket Set**

OEM NO. 5-11141-196-0



### Piston kit-Set

OEM NO. 1-12111-471-0

Piston

SIZE

 Comp : 55.4 w/al-fin Height : -18.6 Length : 94.6  
 Top Shape : Ø  
 Direct Injection  
 Pin : 35.0 Length : 87.5

STD

### Piston Ring

OEM NO. 1-12121-065-0

NPR : SJI10-104ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 9-11261-119-0

Liner&amp;Sleeve

SIZE

 In Diameter : 105.0  
 Out Diameter : 107.0  
 Total length : 203.0  
 Flange : 113.0\*1.4

STD



### Engine Bearing

MAIN : 1-11510-074

CON.ROD : 9-12271-608

T/W : 1-11680-001

C/B :

BUSH : 5-12251-006

SIZE

STD



### Engine Valve

OEM NO. 1-12551-081/2/3-0

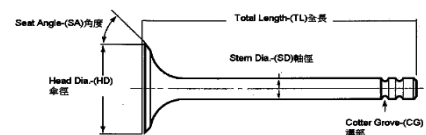
IN 46.0 9.0 127.8

OEM NO. 1-12552-025-0

EX 37.5 9.0 127.8

SIZE

STD



### Valve Seat

OEM NO. 5-11715-607-0

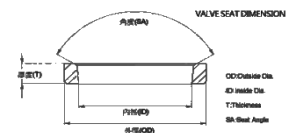
IN 47.0 39.0 7.3

OEM NO. 9-11711-803-0

EX 39.0 31.0 7.36

SIZE

STD



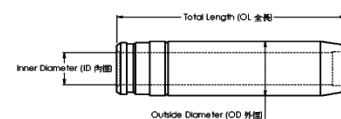
### Valve Guide

OEM NO. 5-11721-001-0

IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO. 5-11141-196-0





### Piston kit-Set

OEM NO. 1-12111-528-0

Piston

SIZE

Comp : 55.0 w/al-fin Height : -20.0 Length : 94.7  
 Top Shape : Ø 61.0  
 Direct Injection  
 Pin : 35.0 Length : 87.5

STD



### Piston Ring

OEM NO. 1-12121-065-0

NPR : SJI10-104ZZ

OEM Ring Groove

SIZE

Top : 3.0  
 2nd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 9-11261-119-0

Liner&Sleeve

SIZE

In Diameter : 105.0  
 Out Diameter : 107.0  
 Total length : 203.0  
 Flange : 113.0\*1.4

STD



### Engine Bearing

MAIN : 1-11510-074

CON.ROD : 9-12271-608

T/W : 1-11680-001

C/B :

BUSH : 5-12251-006

SIZE

STD



### Engine Valve

OEM NO. 1-12551-081/2/3-0

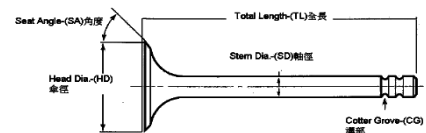
IN 46.0 9.0 127.8

OEM NO. 1-12552-025-0

EX 37.5 9.0 127.8

SIZE

STD



### Valve Seat

OEM NO.

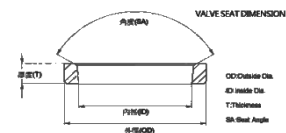
IN

OEM NO.

EX

SIZE

STD



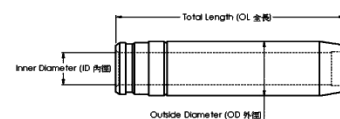
### Valve Guide

OEM NO. 5-11721-001-0

IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO. 5-11141-196-0



### Piston kit-Set

OEM NO. 1-12111-574-0

Piston

SIZE

 Comp : 55.2 w/al-fin Height : -21.7 oil-cooled Length : 94.3  
 Top Shape : Ø 47.3  
 Direct Injection  
 Pin : 35.0 Length : 87.5

STD



### Piston Ring

OEM NO.

NPR :

OEM Ring Groove

SIZE

 Top : 3.3DK  
 2nd : 2.5  
 3rd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 9-11261-119-0

Liner&amp;Sleeve

SIZE

 In Diameter : 105.0  
 Out Diameter : 107.0  
 Total length : 203.0  
 Flange : 113.0\*1.4

STD



### Engine Bearing

MAIN : 1-11510-074

CON.ROD : 9-12271-608

T/W : 1-11680-001

C/B :

BUSH : 5-12251-006

SIZE

STD



### Engine Valve

OEM NO. 1-12551-081/2/3-0

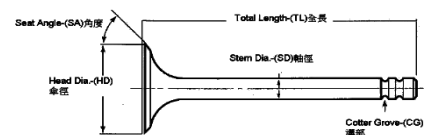
IN 46.0 9.0 127.8

OEM NO. 1-12552-025-0

EX 37.5 9.0 127.8

SIZE

STD



### Valve Seat

OEM NO.

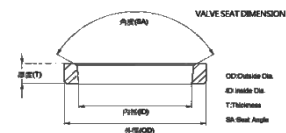
IN

OEM NO.

EX

SIZE

STD



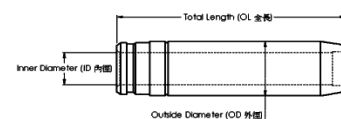
### Valve Guide

OEM NO. 5-11721-001-0

IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO. 5-11141-196-0



### Piston kit-Set

OEM NO. 1-12111-626-0

Piston

SIZE

 Comp : 55.2 w/al-fin Height : -22.0 Length : 94.5  
 Top Shape : Ø 56.2  
 Direct Injection  
 Pin : 35.0 Length : 87.5

STD



### Piston Ring

OEM NO. 1-12121-115-0

NPR : SJI10-128ZZ

OEM Ring Groove

SIZE

 Top : 3.5  
 2nd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 9-11261-119-0

Liner&amp;Sleeve

SIZE

 In Diameter : 105.0  
 Out Diameter : 107.0  
 Total length : 203.0  
 Flange : 113.0\*1.4

STD



### Engine Bearing

 MAIN : 1-11510-074  
 CON.ROD : 9-12271-608  
 T/W : 1-11680-001  
 C/B :  
 BUSH : 5-12251-006

SIZE

STD

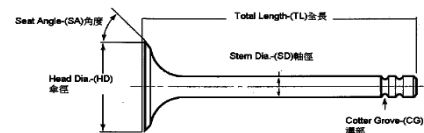


### Engine Valve

 OEM NO. 1-12551-081/2/3-0  
 IN 46.0 9.0 127.8  
 OEM NO. 1-12552-025-0  
 EX 37.5 9.0 127.8

SIZE

STD

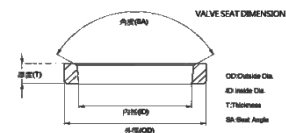


### Valve Seat

 OEM NO.  
 IN  
 OEM NO.  
 EX

SIZE

STD

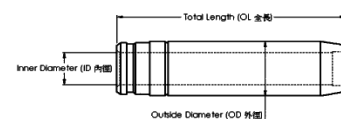


### Valve Guide

 OEM NO. 5-11721-001-0  
 IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO. 5-11141-196-0



### Piston kit-Set

OEM NO. 1-12111-837-0

Piston

SIZE

 Comp : 66.0 w/al-fin Height : -19.8 Length : 100.0  
 Top Shape : Ø 56.7  
 Direct Injection  
 Pin : 36.0 Length : 79.0

STD



### Piston Ring

OEM NO. 8-94396-840-0

NPR : SJI10-126ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 5.0

STD



### Cylinder Liner

OEM NO. 8-94396-837-0

Liner&amp;Sleeve

SIZE

 In Diameter : 110.0  
 Out Diameter : 113.0  
 Total length : 210.0  
 Flange : 120.0\*6.0

STD



### Engine Bearing

MAIN : 8-94393-327

CON.ROD : 9-97131-186

T/W : 8-94396-980

C/B : 8-94390-311

BUSH : 8-94394-613

SIZE

STD



### Engine Valve

OEM NO. 8-94395-112-0

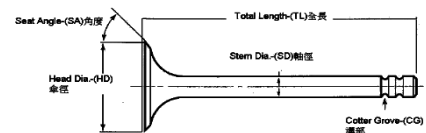
IN 50.0 9.0 141.0

OEM NO. 8-97019-337-0

EX 42.0 9.0 140.7

SIZE

STD



### Valve Seat

OEM NO. 8-97088-460-0/0214-0278

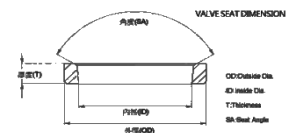
IN 51.0 44.8 7.3

OEM NO. 8-94396-172-0

EX 43.0 36.8 7.0

SIZE

STD



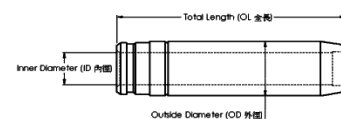
### Valve Guide

OEM NO. 8-94396-598-0

IN/EX 60.0 9.0 14.0

SIZE






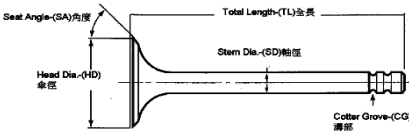
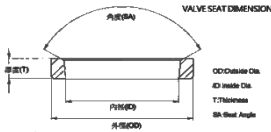
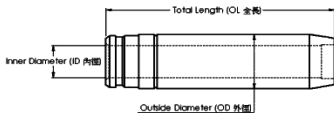

STD



### Gasket Set

OEM NO. 8-94396-334-0



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<b>Piston kit-Set</b>							
OEM NO. 8-94391-596-0							
Piston						SIZE	
Comp : 66.1 w/al-fin Height : -23.1 oil-cooled Length : 119.9 Top Shape : Direct Injection Pin : 40.0 Length : 87.0						STD	
<b>Piston Ring</b>							
OEM NO. 8-94390-529-1							
NPR : SJI10-146ZZ						SIZE	
OEM Ring Groove Top : 3.86DK 2nd : 3.0 3rd : 2.5 Oil : 3.0						STD	
<b>Cylinder Liner</b>							
OEM NO. 8-94391-600-1							
Liner&Sleeve						SIZE	
In Diameter : 110.0 Out Diameter : 113.0 Total length : 210.0 Flange : 119.7*6.0						STD	
<b>Engine Bearing</b>							
MAIN : 8-94393-327 CON.ROD : 9-97131-186 T/W : 8-94396-980 C/B : 8-94390-311 BUSH : 8-94394-613		SIZE  STD					
<b>Engine Valve</b>							
OEM NO. 8-94395-112-0 IN 50.0 9.0 141.0 OEM NO. 8-97019-337-0 EX 42.0 9.0 140.7		SIZE  STD					
<b>Valve Seat</b>							
OEM NO. 8-97088-460-0/0214-0278 IN 51.0 44.8 7.3 OEM NO. 8-94396-172-0 EX 43.0 36.8 7.0		SIZE  STD					
<b>Valve Guide</b>							
OEM NO. 8-94396-598-0 IN/EX 60.0 9.0 14.0		SIZE  STD					
<b>Gasket Set</b>							
OEM NO.							

**Piston kit-Set**

OEM NO. 8-94391-286-0

Piston

SIZE

Comp : 66.2 w/al-fin Height : -23.0 oil-cooled Length : 119.8  
Top Shape : Ø57.0  
Direct Injection  
Pin : 40.0 Length : 86.0

STD



**Piston Ring**

OEM NO. 8-94390-529-1

NPR : SJI10-146ZZ

OEM Ring Groove

SIZE

Top : 3.86DK  
2nd : 3.0  
3rd : 2.5  
Oil : 3.0

STD



**Cylinder Liner**

OEM NO. 8-94396-837-0

Liner&Sleeve

SIZE

In Diameter : 110.0  
Out Diameter : 113.0  
Total length : 210.0  
Flange : 120.0\*6.0

STD



**Engine Bearing**

MAIN : 8-94393-327

CON.ROD : 9-97131-186

T/W : 8-94396-980

C/B : 8-94390-311

BUSH : 8-94394-613

SIZE

STD



**Engine Valve**

OEM NO. 8-94395-112-0

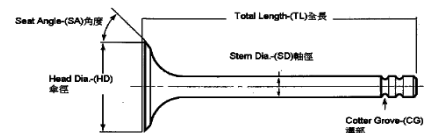
IN 50.0 9.0 141.0

OEM NO. 8-97019-337-0

EX 42.0 9.0 140.7

SIZE

STD



**Valve Seat**

OEM NO. 8-97088-460-0/0214-0278

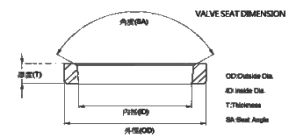
IN 51.0 44.8 7.3

OEM NO. 8-94396-172-0

EX 43.0 36.8 7.0

SIZE

STD



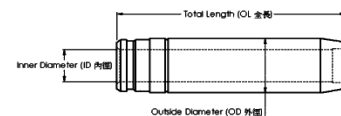
**Valve Guide**

OEM NO. 8-94396-598-0

IN/EX 60.0 9.0 14.0

SIZE






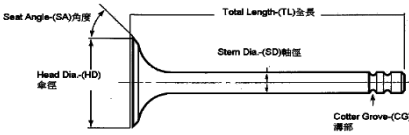
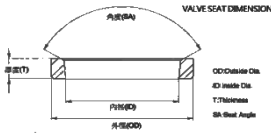
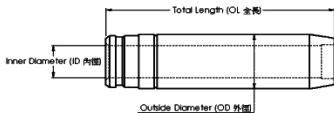

STD



**Gasket Set**

OEM NO.



 伊登科技有限公司 E&T SCIENCE INC.		<b>ISUZU</b> <b>6HE1T</b>		<b>Application : FORWARD/TRUCK</b> <b>Number of Cylinders 6</b> <b>Cylinder dia. 110.0 MM</b> <b>Swept Volume 7127 ccm</b>			
<b>Piston kit-Set</b>							
OEM NO. 8-94391-605-0							
Piston						SIZE	
Comp : 66.2 w/al-fin Height : -23.0 Length : 119.8 Top Shape : Ø57.0 Direct Injection Pin : 40.0 Length : 86.0						STD	
<b>Piston Ring</b>							
OEM NO. 8-94390-529-1							
NPR : SJI10-146ZZ						SIZE	
OEM Ring Groove Top : 3.86DK 2nd : 3.0 3rd : 2.5 Oil : 3.0						STD	
<b>Cylinder Liner</b>							
OEM NO. 8-94396-837-0							
Liner&Sleeve						SIZE	
In Diameter : 110.0 Out Diameter : 113.0 Total length : 210.0 Flange : 120.0*6.0						STD	
<b>Engine Bearing</b>							
MAIN : 8-94393-327 CON.ROD : 9-97131-186 T/W : 8-94396-980 C/B : 8-94390-311 BUSH : 8-94394-613		SIZE  STD					
<b>Engine Valve</b>							
OEM NO. 8-94395-112-0 IN 50.0 9.0 141.0 OEM NO. 8-97019-337-0 EX 42.0 9.0 140.7		SIZE  STD					
<b>Valve Seat</b>							
OEM NO. 8-97088-460-0/0214-0278 IN 51.0 44.8 7.3 OEM NO. 8-94396-172-0 EX 43.0 36.8 7.0		SIZE  STD					
<b>Valve Guide</b>							
OEM NO. 8-94396-598-0 IN/EX 60.0 9.0 14.0		SIZE  STD					
<b>Gasket Set</b>							
OEM NO.							

### Piston kit-Set

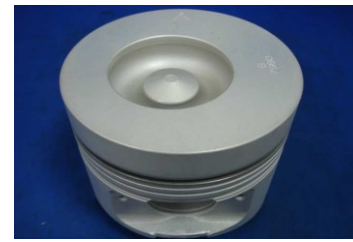
OEM NO. 8-94390-798-0

Piston

SIZE

 Comp : 62.6 w/al-fin Height : -22.3 Length : 106.5  
 Top Shape : Ø58.0  
 Direct Injection  
 Pin : 36.0 Length : 79.0

STD



### Piston Ring

OEM NO. 8-94390-799-0

NPR : SJI10-163ZZ

OEM Ring Groove

SIZE

 Top : 3.5  
 2nd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 88-94391-602-1

Liner&amp;Sleeve

SIZE

 In Diameter : 115.0  
 Out Diameter : 118.0  
 Total length : 210.0  
 Flange : 123.7\*6.0

STD



### Engine Bearing

MAIN : 8-94393-327

CON.ROD : 8-97045-800

T/W : 8-94396-980

C/B : 8-94363-380

BUSH : 1-12251-036

SIZE

STD



### Engine Valve

OEM NO. 8-97171-398-0

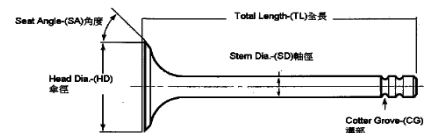
IN 51.0 9.0 141.0

OEM NO. 8-97019-337-0

EX 42.0 9.0 140.7

SIZE

STD



### Valve Seat

OEM NO. 8-94394-127-0/0214-0266

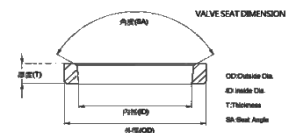
IN 52.0 45.8 7.3

OEM NO. 8-94396-172-0

EX 43.0 36.8 7.0

SIZE

STD



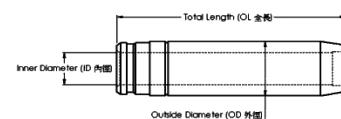
### Valve Guide

OEM NO. 8-94396-598-0

IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

OEM NO.





### Piston kit-Set

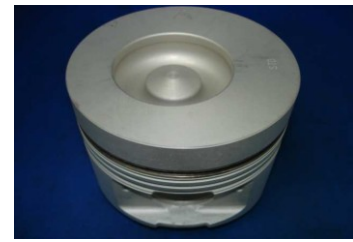
OEM NO. 8-94391-950-0

Piston

SIZE

 Comp : 62.7 w/al-fin Height : -22.6 Length : 106.5  
 Top Shape : Ø58.0  
 Direct Injection  
 Pin : 36.0 Length : 79.0

STD



### Piston Ring

OEM NO. 8-94390-799-0

NPR : SJI10-163ZZ

OEM Ring Groove

SIZE

 Top : 3.5  
 2nd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 88-94391-602-1

Liner&amp;Sleeve

SIZE

 In Diameter : 115.0  
 Out Diameter : 118.0  
 Total length : 210.0  
 Flange : 123.7\*6.0

STD



### Engine Bearing

MAIN : 8-94393-327

CON.ROD : 8-97045-800

T/W : 8-94396-980

C/B : 8-94363-380

BUSH : 1-12251-036

SIZE

STD



### Engine Valve

OEM NO. 8-97171-398-0

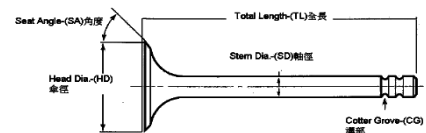
IN 51.0 9.0 141.0

OEM NO. 8-97019-337-0

EX 42.0 9.0 140.7

SIZE

STD



### Valve Seat

OEM NO. 8-94394-127-0/0214-0266

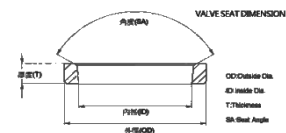
IN 52.0 45.8 7.3

OEM NO. 8-94396-172-0

EX 43.0 36.8 7.0

SIZE

STD



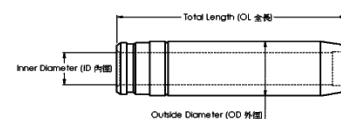
### Valve Guide

OEM NO. 8-94396-598-0

IN/EX 60.0 9.0 14.0

SIZE

STD



### Gasket Set

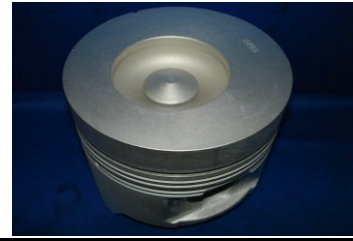
OEM NO.



**Piston kit-Set**

OEM NO. 8-94391-598-0

Piston	SIZE
Comp : 62.7 w/al-fin Height : -22.8 oil-cooled Length : 106.4 Top Shape : Ø58.0 Direct Injection Pin : 36.0 Length : 79.0	STD



**Piston Ring**

OEM NO. 8-94390-799-0  
NPR : SJI10-163ZZ

OEM Ring Groove	SIZE
Top : 3.5 2nd : 2.5 Oil : 4.0	STD



**Cylinder Liner**

OEM NO. 88-94391-602-1

Liner&Sleeve	SIZE
In Diameter : 115.0 Out Diameter : 118.0 Total length : 210.0 Flange : 123.7*6.0	STD



**Engine Bearing**

MAIN : 8-94393-327  
CON.ROD : 8-97045-800  
T/W : 8-94396-980  
C/B : 8-94363-380  
BUSH : 1-12251-036

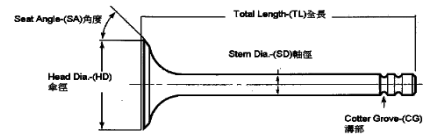
SIZE  
STD



**Engine Valve**

OEM NO. 8-97171-398-0  
IN 51.0 9.0 141.0  
OEM NO. 8-97019-337-0  
EX 42.0 9.0 140.7

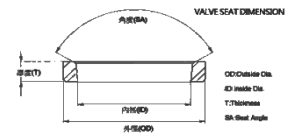
SIZE  
STD



**Valve Seat**

OEM NO. 8-94394-127-0/0214-0266  
IN 52.0 45.8 7.3  
OEM NO. 8-94396-172-0  
EX 43.0 36.8 7.0

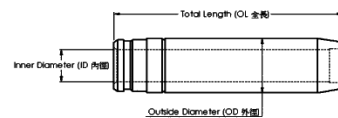
SIZE  
STD



**Valve Guide**

OEM NO. 8-94396-598-0  
IN/EX 60.0 9.0 14.0

SIZE  
STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

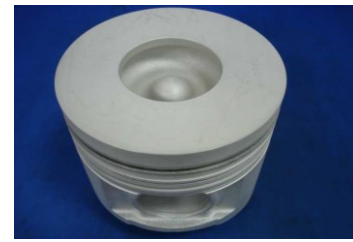
OEM NO. 1-12111-976-0

Piston

SIZE

Comp : 66.1 w/al-fin Height : -24.1 oil-cooled Length : 119.8  
Top Shape : Ø50.4  
Direct Injection  
Pin : 40.0 Length : 87.0

STD



**Piston Ring**

OEM NO. 8-94391-502-4

NPR : SDI10-178ZZ

OEM Ring Groove

SIZE

Top : 2.948DK  
2nd : 2.0  
2nd : 2.5  
Oil : 3.0

STD



**Cylinder Liner**

OEM NO. 88-94391-602-1

Liner&Sleeve

SIZE

In Diameter : 115.0  
Out Diameter : 118.0  
Total length : 210.0  
Flange : 123.7\*6.0

STD



**Engine Bearing**

MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :

SIZE

STD



**Engine Valve**

OEM NO. 8-94395-882-0

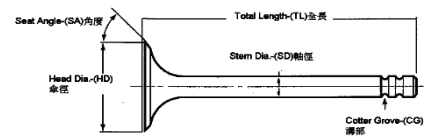
IN 37.0 8.0 130.5

OEM NO. 8-94395-883-0

EX 37.0 8.0 130.1

SIZE

STD



**Valve Seat**

OEM NO. 8-94395-888-0

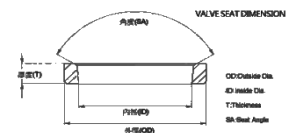
IN 38.0 31.0 6.5

OEM NO. 8-97216-511-0

EX 38.0 32.0 6.0

SIZE

STD



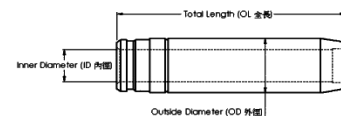
**Valve Guide**

OEM NO. 8-94390-780-0

IN/EX 57.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO. 8-94391-952-0

Piston

SIZE

Comp : 66.1 w/al-fin Height : - oil-cooled Length : 119.7  
Top Shape : Ø50.0  
Direct Injection  
Pin : 40.0 Length : 87.0

STD

**Piston Ring**

OEM NO. 8-94391-502-4

NPR : SDI10-178ZZ

OEM Ring Groove

SIZE

Top : 2.948DK  
2nd : 2.0  
2nd : 2.5  
Oil : 3.0

STD



**Cylinder Liner**

OEM NO. 88-94391-602-1

Liner&Sleeve

SIZE

In Diameter : 115.0  
Out Diameter : 118.0  
Total length : 210.0  
Flange : 123.7\*6.0

STD



**Engine Bearing**

MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :

SIZE

STD



**Engine Valve**

OEM NO. 8-94395-882

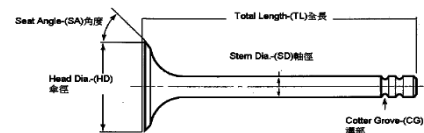
IN 37.0 8.0 130.5

OEM NO. 8-94395-883-0

EX 37.0 8.0 130.1

SIZE

STD



**Valve Seat**

OEM NO. 8-94395-888-0

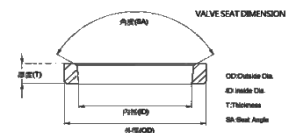
IN 38.0 31.0 6.5

OEM NO. 8-97216-511-0

EX 38.0 32.0 6.0

SIZE

STD



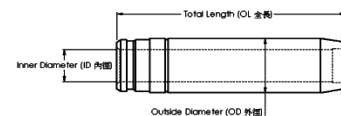
**Valve Guide**

OEM NO. 8-94390-780-0

IN/EX 57.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO. 8-94391-662-1

Piston

SIZE

Comp : Height : Length :  
Top Shape : Ø58.0  
Direct Injection  
Pin : Length :

STD

**Piston Ring**

OEM NO.  
NPR :

OEM Ring Groove

SIZE

Top :  
2nd :  
2nd :  
Oil :

STD



**Cylinder Liner**

OEM NO. 8-94391-602-1

Liner&Sleeve

SIZE

In Diameter : 115.0  
Out Diameter : 118.0  
Total length : 210.0  
Flange : 123.7\*6.0

STD



**Engine Bearing**

MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :

SIZE

STD

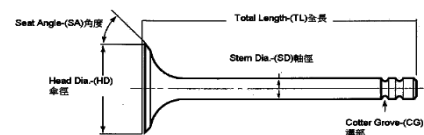


**Engine Valve**

OEM NO. 8-94395-882  
IN 37.0 8.0 130.5  
OEM NO. 8-94395-883-0  
EX 37.0 8.0 130.1

SIZE

STD

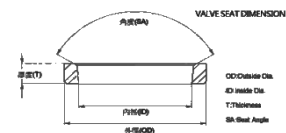


**Valve Seat**

OEM NO. 8-94395-888-0  
IN 38.0 31.0 6.5  
OEM NO. 8-97216-511-0  
EX 38.0 32.0 6.0

SIZE

STD

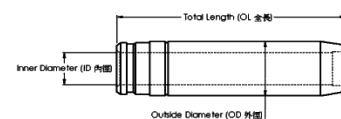


**Valve Guide**

OEM NO. 8-94390-780-0  
IN/EX 57.0 8.0 14.0

SIZE




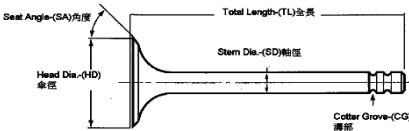
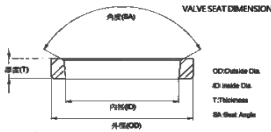
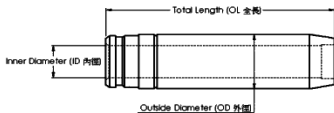

STD



**Gasket Set**

OEM NO.



 伊登科技有限公司 E&T SCIENCE INC.		<b>ISUZU</b> <b>6HK1T</b>		<b>Application : FORWARD/TRUCK</b> <b>Number of Cylinders 6</b> <b>Cylinder dia. 115.0 MM</b> <b>Swept Volume 7790 ccm</b>	
<b>Piston kit-Set</b>					
OEM NO. 8-94602-801-0					
Piston		SIZE			
Comp : Height : Length : Top Shape : Ø58.0 Direct Injection Pin : Length :		STD			
<b>Piston Ring</b>					
OEM NO. NPR :					
OEM Ring Groove		SIZE			
Top : 2nd : 2nd : Oil :		STD			
<b>Cylinder Liner</b>					
OEM NO. 88-94391-602-1					
Liner&Sleeve		SIZE			
In Diameter : 115.0 Out Diameter : 118.0 Total length : 210.0 Flange : 123.7*6.0		STD			
<b>Engine Bearing</b>					
MAIN : CON.ROD : T/W : C/B : BUSH :				SIZE  STD	
<b>Engine Valve</b>					
OEM NO. 8-94395-882-0 IN 37.0 8.0 130.5 OEM NO. 8-94395-883-0 EX 37.0 8.0 130.1				SIZE  STD	
					
<b>Valve Seat</b>					
OEM NO. 8-94395-888-0 IN 38.0 31.0 6.5 OEM NO. 8-97216-511-0 EX 38.0 32.0 6.0				SIZE  STD	
					
<b>Valve Guide</b>					
OEM NO. 8-94390-780-0 IN/EX 57.0 8.0 14.0				SIZE  STD	
					
<b>Gasket Set</b>					
OEM NO.					

**Piston kit-Set**

OEM NO. 8-94391-895-1

Piston

SIZE

Comp : 66.1 w/al-fin Height : -20.0 oil-cooled Length : 120.0  
Top Shape : Ø63.4  
Direct Injection  
Pin : 40.0 Length : 87.0

STD



**Piston Ring**

OEM NO. 8-94391-502-4  
NPR : SDI10-178ZZ

OEM Ring Groove

SIZE

Top : 2.948DK  
2nd : 2.0  
2nd : 2.5  
Oil : 3.0

STD



**Cylinder Liner**

OEM NO. 88-94391-602-1

Liner&Sleeve

SIZE

In Diameter : 115.0  
Out Diameter : 118.0  
Total length : 210.0  
Flange : 123.7\*6.0

STD



**Engine Bearing**

MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :

SIZE

STD

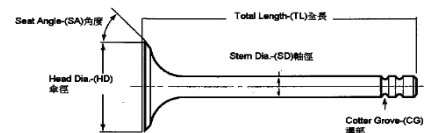


**Engine Valve**

OEM NO. 8-94395-882-0  
IN 37.0 8.0 130.5  
OEM NO. 8-94395-883-0  
EX 37.0 8.0 130.1

SIZE

STD

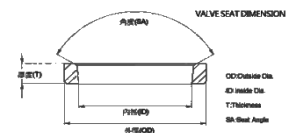


**Valve Seat**

OEM NO. 8-94395-888-0  
IN 38.0 31.0 6.5  
OEM NO. 8-97216-511-0  
EX 38.0 32.0 6.0

SIZE

STD

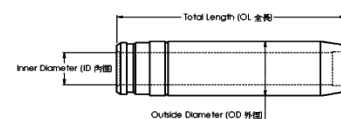


**Valve Guide**

OEM NO. 8-94390-780-0  
IN/EX 57.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

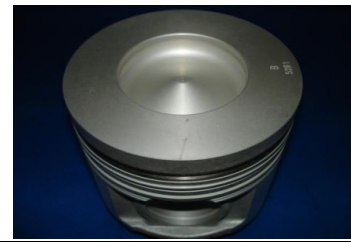
OEM NO. 8-98023-526-1

Piston

SIZE

Comp : 66.2 w/al-fin Height : -18.75 oil-cooled  
Length : 120.0  
Top Shape : Ø62.0 Direct Injection  
Pin : 40.0 Length : 87.0

STD



**Piston Ring**

OEM NO. 8-94391-502-4

NPR : SDI10-178ZZ

OEM Ring Groove

SIZE

Top : 2.948DK  
2nd : 2.0  
2nd : 2.5  
Oil : 3.0

STD



**Cylinder Liner**

OEM NO. 88-94391-602-1

Liner&Sleeve

SIZE

In Diameter : 115.0  
Out Diameter : 118.0  
Total length : 210.0  
Flange : 123.7\*6.0

STD



**Engine Bearing**

MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :

SIZE

STD



**Engine Valve**

OEM NO. 8-94395-882-0

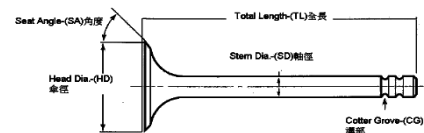
IN 37.0 8.0 130.5

OEM NO. 8-94395-883-0

EX 37.0 8.0 130.1

SIZE

STD



**Valve Seat**

OEM NO. 8-94395-888-0

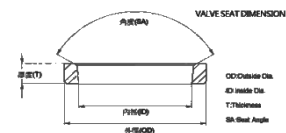
IN 38.0 31.0 6.5

OEM NO. 8-97216-511-0

EX 38.0 32.0 6.0

SIZE

STD



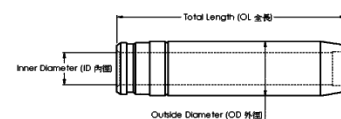
**Valve Guide**

OEM NO. 8-94390-780-0

IN/EX 57.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO.





**Piston kit-Set**

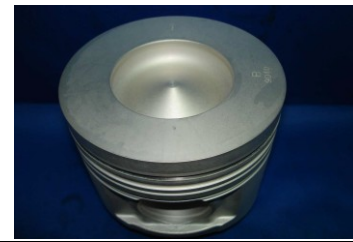
OEM NO. 8-97602-904-0

Piston

SIZE

Comp : 66.2 w/al-fin Height : -18.8 oil-cooled Length : 119.9  
Top Shape : Ø61.7  
Direct Injection  
Pin : 40.0 Length : 87.0

STD



**Piston Ring**

OEM NO. 8-97601-318-1  
NPR : SDI10-186ZZ

OEM Ring Groove

SIZE

Top : 2.948DK  
2nd : 2.5  
Oil : 3.0

STD



**Cylinder Liner**

OEM NO.

Liner&Sleeve

SIZE

In Diameter :  
Out Diameter :  
Total length :  
Flange :

STD



**Engine Bearing**

MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :

SIZE

STD

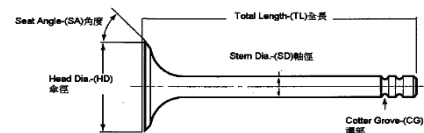


**Engine Valve**

OEM NO.  
IN  
OEM NO.  
EX

SIZE

STD

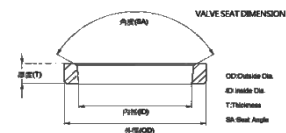


**Valve Seat**

OEM NO. 8-94395-888-0  
IN 38.0 31.0 6.5  
OEM NO. 8-97216-511-0  
EX 38.0 32.0 6.0

SIZE

STD

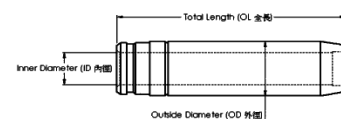


**Valve Guide**

OEM NO.  
IN/EX

SIZE

STD



**Gasket Set**

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-338-0

Piston

SIZE

 Comp : 83.2 w/al-fin Height : -25.6 Length : 136.0  
 Top Shape : Ø  
 Direct Injection  
 Pin : 46.0 Length : 106.0

STD



### Piston Ring

OEM NO. 1-12121-028-0

NPR : SJI10-088ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 6.0

STD



### Cylinder Liner

OEM NO. 1-11261-160-0

Liner&amp;Sleeve

SIZE

 In Diameter : 125.0  
 Out Diameter : 140.0  
 Total length : 257.0  
 Flange : 147.0\*11.0+2.0

STD



### Engine Bearing

MAIN : 1-11510-037

CON.ROD : 1-12271-026

T/W : 9-11515-198

C/B :

BUSH : 9-12251-073

SIZE

STD



### Engine Valve

OEM NO. 9-12551-109-0

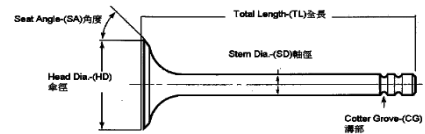
IN 56.0 12.0 163.0

OEM NO. 9-12552-262-0

EX 51.0 12.0 163.0

SIZE

STD



### Valve Seat

OEM NO. 9-11715-125-0

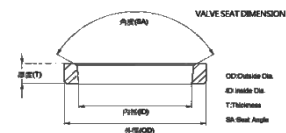
IN 58.5 49.0 9.0

OEM NO. 9-11711-127-1

EX 54.0 44.0 9.0

SIZE

STD



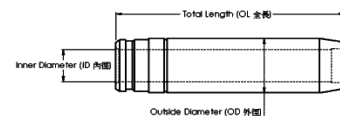
### Valve Guide

OEM NO. 9-11721-165-0

IN/EX 84.0 12.0 19.0

SIZE

STD



### Gasket Set

OEM NO. 1-11141-087-0



**Piston kit-Set**

OEM NO. 1-12111-246-2

Piston

SIZE

Comp : 89.0 w/al-fin Height : -28.8 Length : 150.1  
Top Shape : Ø  
Direct Injection  
Pin : 50.0 Length : 105.0

STD

**Piston Ring**

OEM NO. 1-12121-040-0

NPR : SDI10-100ZZ

OEM Ring Groove

SIZE

Top : 4.0  
2nd : 2.5  
Oil : 5.0

STD



**Cylinder Liner**

OEM NO. 1-11261-133-0

Liner&Sleeve

SIZE

In Diameter : 135.0  
Out Diameter : 141.0  
Total length : 264.0  
Flange : 146.7\*6.0

STD



**Engine Bearing**

MAIN : 1-11510-073

CON.ROD : 1-12271-028

T/W : 9-11515-040

C/B :

BUSH : 9-12251-088

SIZE

STD



**Engine Valve**

OEM NO. 1-12551-057-0

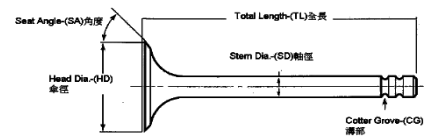
IN 46.0 11.0 165.5

OEM NO. 1-12552-028-0

EX 45.0 11.0 164.0

SIZE

STD



**Valve Seat**

OEM NO. 1-11715-059-0

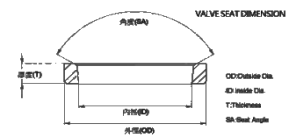
IN 48.0 40.0 6.0

OEM NO. 1-11711-044-0

EX 48.0 38.0 7.0

SIZE

STD



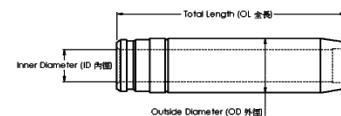
**Valve Guide**

OEM NO. 1-11721-001-0

IN/EX 76.0 11.0 18.0

SIZE

STD



**Gasket Set**

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-481-0

Piston

SIZE

 Comp : 89.2 w/al-fin Height : -27.0 oil-cooled Length : 150.1  
 Top Shape : Ø  
 Direct Injection  
 Pin : 50.0 Length : 105.0

STD

### Piston Ring

OEM NO.

NPR : SDI10-100ZZ

OEM Ring Groove

SIZE

 Top : 4.0  
 2nd : 2.5  
 Oil : 5.0

STD



### Cylinder Liner

OEM NO. 1-11261-133-0

Liner&amp;Sleeve

SIZE

 In Diameter : 135.0  
 Out Diameter : 141.0  
 Total length : 264.0  
 Flange : 146.7\*6.0

STD



### Engine Bearing

MAIN : 1-11510-039

CON.ROD : 1-12271-055

T/W : 1-11515-040

C/B :

BUSH : 9-12251-088

SIZE

STD



### Engine Valve

OEM NO. 1-12551-057-0

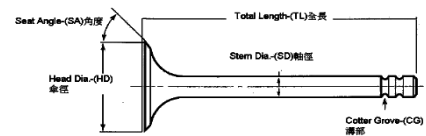
IN 46.0 11.0 165.5

OEM NO. 1-12552-028-0

EX 45.0 11.0 164.0

SIZE

STD



### Valve Seat

OEM NO. 1-11715-059-0

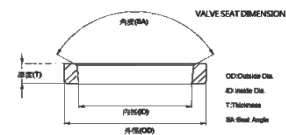
IN 48.0 40.0 6.0

OEM NO. 1-11711-044-0

EX 48.0 38.0 7.0

SIZE

STD



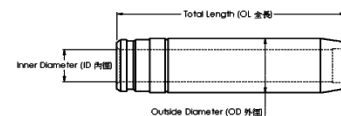
### Valve Guide

OEM NO. 1-11721-001-0

IN/EX 76.0 11.0 18.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-245-0/5-12111-275-0/1-12111-437-0

Piston

SIZE

 Comp : 82.2 w/al-fin Height : -29.0 Length : 143.1  
 Top Shape : Ø70.5  
 Direct Injection  
 Pin : 50.0 Length : 105.0

STD



### Piston Ring

 OEM NO. 1-12121-040-0  
 NPR : SDI10-100ZZ

OEM Ring Groove

SIZE

 Top : 4.0  
 2nd : 2.5  
 Oil : 5.0

STD



### Cylinder Liner

OEM NO. 1-11261-133-0

Liner&amp;Sleeve

SIZE

 In Diameter : 135.0  
 Out Diameter : 141.0  
 Total length : 264.0  
 Flange : 146.7\*6.0

STD



### Engine Bearing

 MAIN : 1-11510-073  
 CON.ROD : 1-12271-028  
 T/W : 1-11515-040  
 C/B :  
 BUSH : 1-12251-025

SIZE

STD

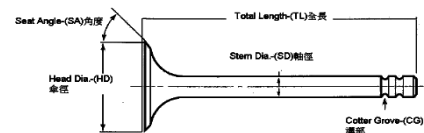


### Engine Valve

 OEM NO. 1-12551-057-0  
 IN 46.0 11.0 165.5  
 OEM NO. 1-12552-028-0  
 EX 45.0 11.0 164.0

SIZE

STD

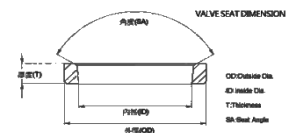


### Valve Seat

 OEM NO. 1-11715-059-0  
 IN 48.0 40.0 6.0  
 OEM NO. 1-11711-044-0  
 EX 48.0 38.0 7.0

SIZE

STD

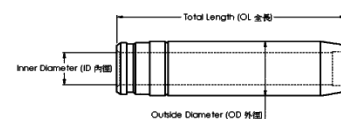


### Valve Guide

 OEM NO. 1-11721-001-0  
 IN/EX 76.0 11.0 18.0

SIZE

STD



### Gasket Set

OEM NO. 1-11141-142-0



**Piston kit-Set**

OEM NO. 1-12111-632-0

Piston

SIZE

Comp : 82.2 w/al-fin Height : -26.0 Length : 137.2  
Top Shape : Ø79.0  
Direct Injection  
Pin : 52.0 Length : 105.0

STD



**Piston Ring**

OEM NO. 1-12121-073-0

NPR : SDI10-117ZZ

OEM Ring Groove

SIZE

Top : 4.0  
2nd : 2.5  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 1-11261-133-0

Liner&Sleeve

SIZE

In Diameter : 135.0  
Out Diameter : 141.0  
Total length : 264.0  
Flange : 146.7\*6.0

STD



**Engine Bearing**

MAIN : 1-11510-073

CON.ROD : 1-12271-028

T/W : 1-11515-040

C/B :

BUSH : 1-12251-025

SIZE

STD



**Engine Valve**

OEM NO. 1-12551-057-0

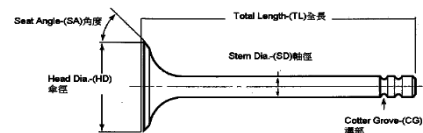
IN 46.0 11.0 165.5

OEM NO. 1-12552-028-0

EX 45.0 11.0 164.0

SIZE

STD



**Valve Seat**

OEM NO. 1-11715-059-0

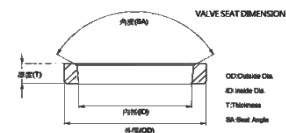
IN 48.0 40.0 6.0

OEM NO. 1-11711-044-0

EX 48.0 38.0 7.0

SIZE

STD



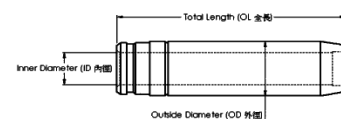
**Valve Guide**

OEM NO. 1-11721-001-0

IN/EX 76.0 11.0 18.0

SIZE

STD



**Gasket Set**

OEM NO.



### Piston kit-Set

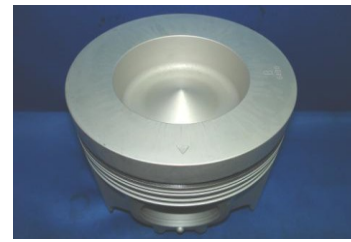
OEM NO. 1-12111-648-0

Piston

SIZE

 Comp : 82.2 w/al-fin Height : -25.5 oil-cooled Length : 137.2  
 Top Shape : Ø78.5  
 Direct Injection  
 Pin : 52.0 Length : 105.0

STD



### Piston Ring

OEM NO.

NPR : SJI10-142ZZ

OEM Ring Groove

SIZE

 Top : 4.5  
 2nd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 1-11261-133-0

Liner&amp;Sleeve

SIZE

 In Diameter : 135.0  
 Out Diameter : 141.0  
 Total length : 264.0  
 Flange : 146.7\*6.0

STD



### Engine Bearing

MAIN : 1-11510-073

CON.ROD : 1-12271-028

T/W : 1-11515-040

C/B :

BUSH : 1-12251-025

SIZE

STD



### Engine Valve

OEM NO. 1-12551-057-0

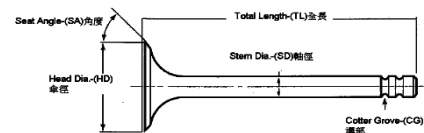
IN 46.0 11.0 165.5

OEM NO. 1-12552-028-0

EX 45.0 11.0 164.0

SIZE

STD



### Valve Seat

OEM NO. 1-11715-059-0

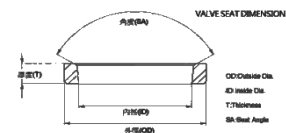
IN 48.0 40.0 6.0

OEM NO. 1-11711-044-0

EX 48.0 38.0 7.0

SIZE

STD



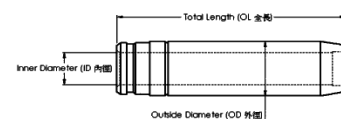
### Valve Guide

OEM NO. 1-11721-001-0

IN/EX 76.0 11.0 18.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-673-0

Piston

SIZE

 Comp : 82.3 w/al-fin Height : oil-cooled Length : 137.0  
 Top Shape : Ø78.5  
 Direct Injection  
 Pin : 52.0 Length : 105.0

STD

### Piston Ring

OEM NO.

NPR : SJI10-142ZZ

OEM Ring Groove

SIZE

 Top : 4.5  
 2nd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 1-11261-133-0

Liner&amp;Sleeve

SIZE

 In Diameter : 135.0  
 Out Diameter : 141.0  
 Total length : 264.0  
 Flange : 146.7\*6.0

STD



### Engine Bearing

MAIN : 1-11510-073

CON.ROD : 1-12271-028

T/W : 1-11515-040

C/B :

BUSH : 1-12251-025

SIZE

STD



### Engine Valve

OEM NO. 1-12551-057-0

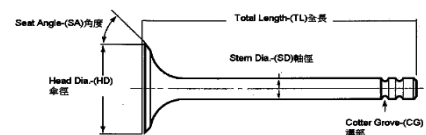
IN 46.0 11.0 165.5

OEM NO. 1-12552-028-0

EX 45.0 11.0 164.0

SIZE

STD



### Valve Seat

OEM NO. 1-11715-059-0

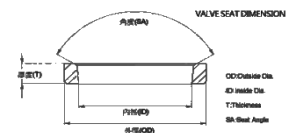
IN 48.0 40.0 6.0

OEM NO. 1-11711-044-0

EX 48.0 38.0 7.0

SIZE

STD



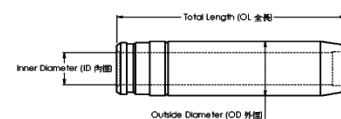
### Valve Guide

OEM NO. 1-11721-001-0

IN/EX 76.0 11.0 18.0

SIZE

STD



### Gasket Set

OEM NO.





**Piston kit-Set**

OEM NO. 1-87810-798-0

Piston

SIZE

Comp : 82.3 w/al-fin Height : oil-cooled Length : 137.0  
Top Shape : Ø78.0  
Direct Injection  
Pin : 52.0 Length : 105.0

STD

**Piston Ring**

OEM NO. 1-12121-073-0

NPR : SDI10-117ZZ

OEM Ring Groove

SIZE

Top : 4.0  
2nd : 2.5  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 1-11261-133-0

Liner&Sleeve

SIZE

In Diameter : 135.0  
Out Diameter : 141.0  
Total length : 264.0  
Flange : 146.7\*6.0

STD



**Engine Bearing**

MAIN : 1-11510-073

CON.ROD : 1-12271-028

T/W : 1-11515-040

C/B :

BUSH : 1-12251-025

SIZE

STD



**Engine Valve**

OEM NO. 1-12551-057-0

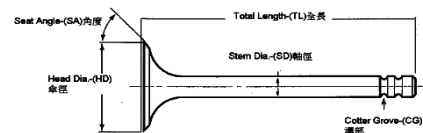
IN 46.0 11.0 165.5

OEM NO. 1-12552-028-0

EX 45.0 11.0 164.0

SIZE

STD



**Valve Seat**

OEM NO. 1-11715-059-0

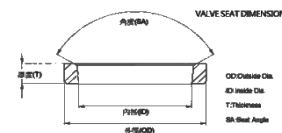
IN 48.0 40.0 6.0

OEM NO. 1-11711-044-0

EX 48.0 38.0 7.0

SIZE

STD



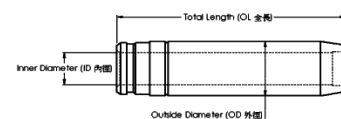
**Valve Guide**

OEM NO. 1-11721-001-0

IN/EX 76.0 11.0 18.0

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO. 1-12111-217-1

Piston

SIZE

Comp : 67.8 w/al-fin Height : -22.7 oil-cooled Length : 104.0  
Top Shape : Ø60.5  
Direct Injection  
Pin : 38.0 Length : 78.0

STD

**Piston Ring**

OEM NO. 1-12121-070-0

NPR : SJI10-112ZZ

OEM Ring Groove

SIZE

Top : 3.0  
2nd : 2.5  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 1-11261-094-1

Liner&Sleeve

SIZE

In Diameter : 115.0  
Out Diameter : 119.0  
Total length : 216.0  
Flange : 125.7\*6.0

STD



**Engine Bearing**

MAIN : 1-11510-067

CON.ROD : 1-12271-050

T/W : 1-11599-005

C/B :

BUSH : 1-12251-016

SIZE

STD



**Engine Valve**

OEM NO. 1-12551-089-0

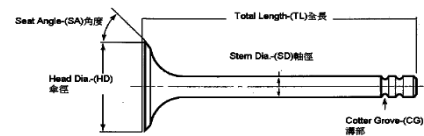
IN 48.0 10.0 132.0

OEM NO. 1-12552-085-0

EX 46.0 10.0 132.0

SIZE

STD



**Valve Seat**

OEM NO. 1-11715-023/049-0

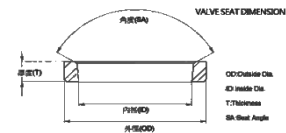
IN 50.0 43.0 10.3

OEM NO. 1-11711-037-0

EX 48.0 40.0 10.3

SIZE

STD



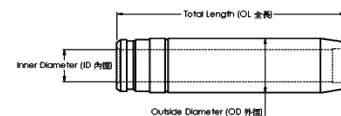
**Valve Guide**

OEM NO. 1-11721-008-0

IN/EX 60.0 10.0 16.0

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

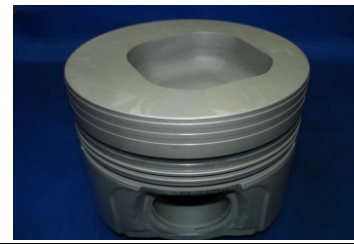
OEM NO. 1-12111-447-1

Piston

SIZE

Comp : 67.7 w/al-fin Height : -24.2 Length : 104.2  
Top Shape : Ø61.5  
Direct Injection  
Pin : 38.0 Length : 80.0

STD



**Piston Ring**

OEM NO. 1-12121-113-0  
NPR : SJI10-112ZZ

OEM Ring Groove

SIZE

Top : 3.0  
2nd : 2.5  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 1-11261-094-1

Liner&Sleeve

SIZE

In Diameter : 115.0  
Out Diameter : 119.0  
Total length : 216.0  
Flange : 125.7\*6.0

STD



**Engine Bearing**

MAIN : 1-11510-067  
CON.ROD : 1-12271-050  
T/W : 1-11599-005  
C/B :  
BUSH : 1-12251-016

SIZE

STD

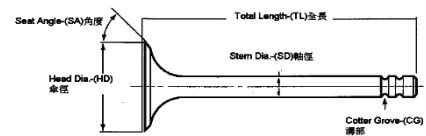


**Engine Valve**

OEM NO. 1-12551-111-0  
IN 49.0 10.0 134.0  
OEM NO. 1-12552-085-0  
EX 46.0 10.0 132.0

SIZE

STD

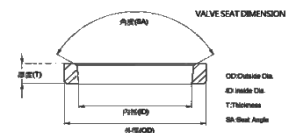


**Valve Seat**

OEM NO. 1-11715-023/049-0  
IN 50.0 43.0 10.3  
OEM NO. 1-11711-037-0  
EX 48.0 40.0 10.3

SIZE

STD

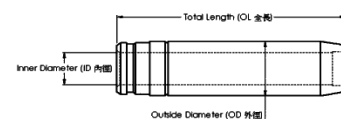


**Valve Guide**

OEM NO. 1-11721-008-0  
IN/EX 60.0 10.0 16.0

SIZE

STD



**Gasket Set**

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-459-0

Piston

SIZE

 Comp : 67.8 w/al-fin Height : -23.2 oil-cooled Length : 104.2  
 Top Shape : Ø61.0  
 Direct Injection  
 Pin : 38.0 Length : 80.0

STD

### Piston Ring

OEM NO. 1-12121-113-0

NPR : SJI10-112ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 1-11261-094-1

Liner&amp;Sleeve

SIZE

 In Diameter : 115.0  
 Out Diameter : 119.0  
 Total length : 216.0  
 Flange : 125.7\*6.0

STD



### Engine Bearing

MAIN : 1-11510-067

CON.ROD : 1-12271-050

T/W : 1-11599-005

C/B :

BUSH : 1-12251-016

SIZE

STD



### Engine Valve

OEM NO. 1-12551-111-0

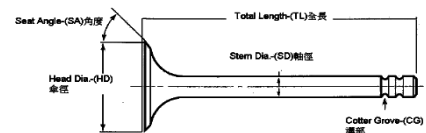
IN 49.0 10.0 134.0

OEM NO. 1-12552-085-0

EX 46.0 10.0 132.0

SIZE

STD



### Valve Seat

OEM NO. 1-11715-023/049-0

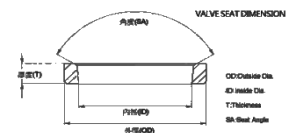
IN 50.0 43.0 10.3

OEM NO. 1-11711-037-0

EX 48.0 40.0 10.3

SIZE

STD



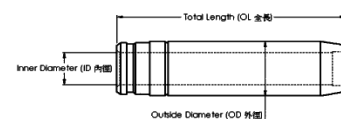
### Valve Guide

OEM NO. 1-11721-008-0

IN/EX 60.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

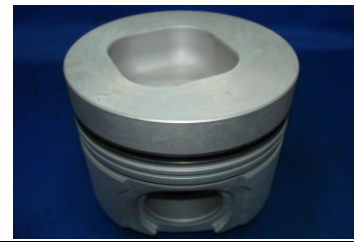
OEM NO. 1-12111-569-0

Piston

SIZE

 Comp : 75.0 w/al-fin Height : -25.0 Length : 117.0  
 Top Shape : Ø60.0  
 Direct Injection  
 Pin : 43.0 Length : 89.5

STD



### Piston Ring

OEM NO. 1-12121-094-1

NPR : SJI10-179ZZ

OEM Ring Groove

SIZE

 Top : 3.5  
 2nd : 2.5  
 Oil : 5.0

STD



### Cylinder Liner

OEM NO. 1-11261-106-2

Liner&amp;Sleeve

SIZE

 In Diameter : 120.0  
 Out Diameter : 123.0  
 Total length : 239.2  
 Flange : 129.7\*6.0+1.2

STD



### Engine Bearing

MAIN : 1-11510-067

CON.ROD : 1-12271-060

T/W : 1-11599-007

C/B :

BUSH : 1-12251-021

SIZE

STD



### Engine Valve

OEM NO. 1-12551-126-1

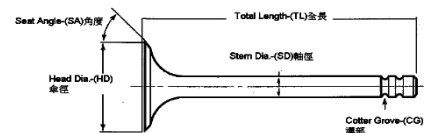
IN 51.0 10.0 133.5

OEM NO. 1-12552-050-0

EX 46.0 10.0 132.0

SIZE

STD



### Valve Seat

OEM NO. 1-11715-122-0

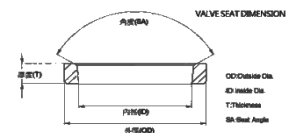
IN 52.0 44.8 7.5

OEM NO. 1-11711-051-0

EX 48.0 40.0 6.5

SIZE

STD



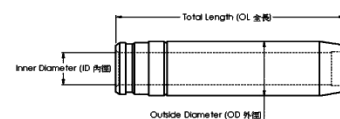
### Valve Guide

OEM NO. 1-11721-008-0

IN/EX 60.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

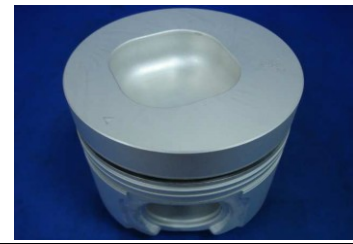
OEM NO. 1-12111-591-0

Piston

SIZE

 Comp : 74.9 w/al-fin Height : -25.9 Length : 117.0  
 Top Shape : Ø60.0  
 Direct Injection  
 Pin : 43.0 Length : 89.5

STD



### Piston Ring

OEM NO. 1-12121-094-1

NPR : SJI10-179ZZ

OEM Ring Groove

SIZE

 Top : 3.5  
 2nd : 2.5  
 Oil : 5.0

STD



### Cylinder Liner

OEM NO. 1-11261-298

Liner&amp;Sleeve

SIZE

 In Diameter : 120.0  
 Out Diameter : 123.0  
 Total length : 239.2  
 Flange : 129.7\*6.0+1.2

STD



### Engine Bearing

MAIN : 1-11510-067

CON.ROD : 1-12271-060

T/W : 1-11599-007

C/B :

BUSH : 1-12251-021

SIZE

STD



### Engine Valve

OEM NO. 1-12551-126-1

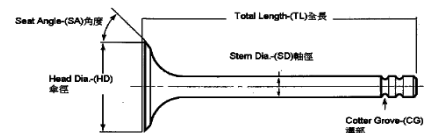
IN 51.0 10.0 133.5

OEM NO. 1-12552-050-0

EX 46.0 10.0 132.0

SIZE

STD



### Valve Seat

OEM NO. 1-11715-122-0

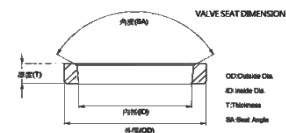
IN 52.0 44.8 7.5

OEM NO. 1-11711-051-0

EX 48.0 40.0 6.5

SIZE

STD



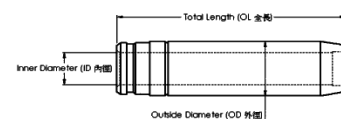
### Valve Guide

OEM NO. 1-11721-008-0

IN/EX 60.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-973-0

Piston

SIZE

 Comp : 75.1 w/al-fin Height : -27.5 oil-cooled Length : 127.5  
 Top Shape : Ø56.0  
 Direct Injection  
 Pin : 43.0 Length : 89.5

STD



### Piston Ring

OEM NO. 1-12121-119-2

NPR : SDI10-194ZZ

OEM Ring Groove

SIZE

 Top : 4.0DK  
 2nd : 3.0  
 3rd : 3.0  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 1-11261-298

Liner&amp;Sleeve

SIZE

 In Diameter : 120.0  
 Out Diameter : 123.0  
 Total length : 239.2  
 Flange : 129.7\*6.0+1.2

STD



### Engine Bearing

MAIN : 1-11510-067

CON.ROD : 1-12271-060

T/W : 1-11599-007

C/B :

BUSH : 1-12251-021

SIZE

STD



### Engine Valve

OEM NO. 1-12551-126-1

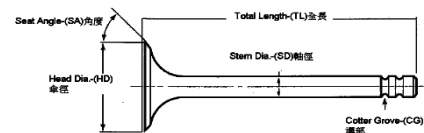
IN 51.0 10.0 133.5

OEM NO. 1-12552-050-0

EX 46.0 10.0 132.0

SIZE

STD



### Valve Seat

OEM NO. 1-11715-122-0

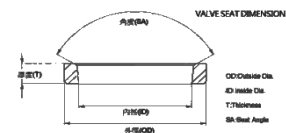
IN 52.0 44.8 7.5

OEM NO. 1-11711-051-0

EX 48.0 40.0 6.5

SIZE

STD



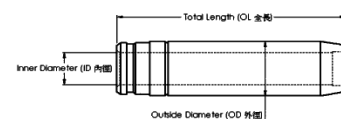
### Valve Guide

OEM NO. 1-11721-008-0

IN/EX 60.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-842-0

Piston

SIZE

Comp : 75.0 w/al-fin Height : -25.3 oil-cooled Length : 127.5  
 Top Shape : Ø66.4  
 Direct Injection  
 Pin : 43.0 Length : 89.5

STD



### Piston Ring

OEM NO. 1-12121-119-2

NPR : SDI10-194ZZ

OEM Ring Groove

SIZE

Top : 4.0K  
 2nd : 3.0  
 3rd : 3.0  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 1-11261-298

Liner&Sleeve

SIZE

In Diameter : 120.0  
 Out Diameter : 123.0  
 Total length : 239.2  
 Flange : 129.7\*6.0+1.2

STD



### Engine Bearing

MAIN : 1-11510-067

CON.ROD : 1-12271-060

T/W : 1-11599-007

C/B :

BUSH : 1-12251-021

SIZE

STD



### Engine Valve

OEM NO. 1-12551-126-1

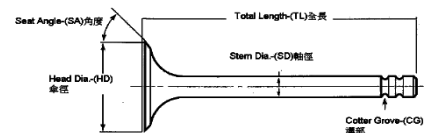
IN 51.0 10.0 133.0

OEM NO. 1-12552-050-0

EX 46.0 10.0 132.0

SIZE

STD



### Valve Seat

OEM NO. 1-11715-122-0

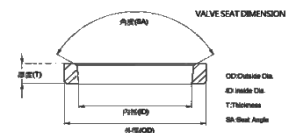
IN 52.0 44.8 7.5

OEM NO. 1-11711-051-0

EX 48.0 40.0 6.5

SIZE

STD



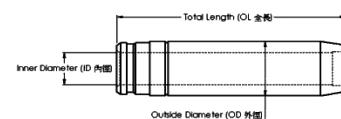
### Valve Guide

OEM NO. 1-11721-008-0

IN/EX 60.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.





### Piston kit-Set

OEM NO. 1-12111-731-0

Piston

SIZE

Comp : 75.0 w/al-fin Height : -25.0 Length : 117.0  
 Top Shape :  
 Direct Injection  
 Pin : 43.0 Length : 89.5

STD

### Piston Ring

OEM NO. 1-12121-094-1  
 NPR : SJI10-179ZZ

OEM Ring Groove

SIZE

Top : 3.5  
 2nd : 2.5  
 Oil : 5.0

STD



### Cylinder Liner

OEM NO. 1-11261-106-2

Liner&Sleeve

SIZE

In Diameter : 120.0  
 Out Diameter : 123.0  
 Total length : 239.2  
 Flange : 129.7\*6.0+1.2

STD



### Engine Bearing

MAIN : 1-11510-067  
 CON.ROD : 1-12271-060  
 T/W : 1-11599-007  
 C/B :  
 BUSH : 1-12251-021

SIZE

STD

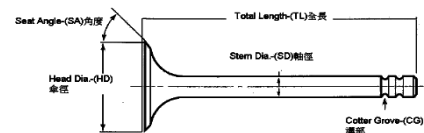


### Engine Valve

OEM NO. 1-12551-126-1  
 IN 51.0 10.0 133.5  
 OEM NO. 1-12552-050-0  
 EX 46.0 10.0 132.0

SIZE

STD

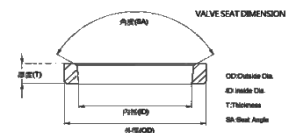


### Valve Seat

OEM NO. 1-11715-122-0  
 IN 52.0 44.8 7.5  
 OEM NO. 1-11711-051-0  
 EX 48.0 40.0 6.5

SIZE

STD

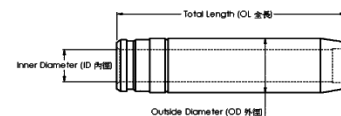


### Valve Guide

OEM NO. 1-11721-008-0  
 IN/EX 60.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-671-1

Piston

SIZE

Comp : 92.5 w/al-fin Height : -25.0 Length : 142.8  
Top Shape : Ø70.0  
Direct Injection  
Pin : 56.0 Length : 104.5

STD

### Piston Ring

OEM NO. 1-12121-139-0  
NPR : SDI10-174ZZ

OEM Ring Groove

SIZE

Top : 3.8DK  
2nd : 3.0  
3nd : 3.0  
Oil : 4.0

STD



### Cylinder Liner

OEM NO. 1-11261-362-1

Liner&Sleeve

SIZE

In Diameter : 132.9  
Out Diameter : 137.0  
Total length : 266.0  
Flange : 143.7\*6.0

STD



### Engine Bearing

MAIN : 1-11510-093  
CON.ROD : 1-12271-072  
T/W : 1-11510-093  
C/B :  
BUSH : 1-12251-037

SIZE

STD

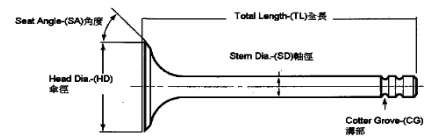


### Engine Valve

OEM NO. 1-12551-145-0  
IN 43.0 10.0 187.6  
OEM NO. 1-12552-084-0  
EX 42.0 10.0 187.6

SIZE

STD

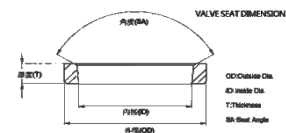


### Valve Seat

OEM NO.  
IN  
OEM NO.  
EX

SIZE

STD

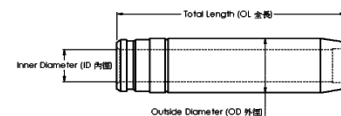


### Valve Guide

OEM NO. 11721-012-0  
IN/EX 80.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-896-0

Piston

SIZE

Comp : 93.0 w/al-fin Height : -27.6 oil-cooled Length : 143.3  
Top Shape : Ø70.0  
Direct Injection  
Pin : 56.0 Length : 104.5

STD



### Piston Ring

OEM NO. 1-12121-139-0

NPR : SDI10-174ZZ

OEM Ring Groove

SIZE

Top : 3.8DK  
2nd : 3.0  
3rd : 3.0  
Oil : 4.0

STD



### Cylinder Liner

OEM NO. 1-11261-362-1

Liner&Sleeve

SIZE

In Diameter : 132.9  
Out Diameter : 137.0  
Total length : 266.0  
Flange : 143.7\*6.0

STD



### Engine Bearing

MAIN : 1-11510-093

CON.ROD : 1-12271-072

T/W : 1-11510-093

C/B :

BUSH : 1-12251-037

SIZE

STD



### Engine Valve

OEM NO. 1-12551-145-0

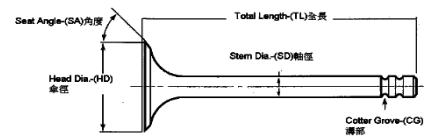
IN 43.0 10.0 187.6

OEM NO. 1-12552-084-0

EX 42.0 10.0 187.6

SIZE

STD



### Valve Seat

OEM NO.

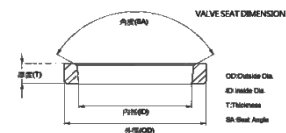
IN

OEM NO.

EX

SIZE

STD



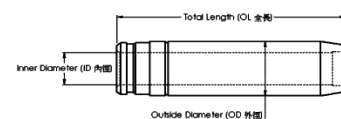
### Valve Guide

OEM NO. 11721-012-0

IN/EX 80.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.





### Piston kit-Set

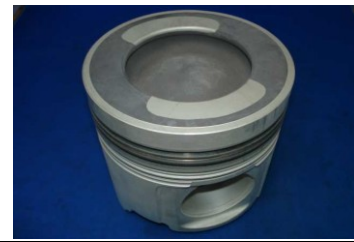
OEM NO. 1-12111-665-1

Piston

SIZE

Comp : 93.5 w/al-fin Height : -20.7 oil-cooled Length : 143.4  
Top Shape : Ø79.0  
Direct Injection  
Pin : 57.0 Length : 104.5

STD



### Piston Ring

OEM NO. 1-12121-139-0

NPR : SDI10-174ZZ

OEM Ring Groove

SIZE

Top : 3.8DK  
2nd : 3.0  
3rd : 3.0  
Oil : 4.0

STD



### Cylinder Liner

OEM NO. 1-11261-362-1

Liner&Sleeve

SIZE

In Diameter : 132.9  
Out Diameter : 137.0  
Total length : 266.0  
Flange : 143.7\*6.0

STD



### Engine Bearing

MAIN : 1-11510-093

CON.ROD : 1-12271-072

T/W : 1-11510-093

C/B :

BUSH : 1-12251-037

SIZE

STD



### Engine Valve

OEM NO. 1-12551-145-0

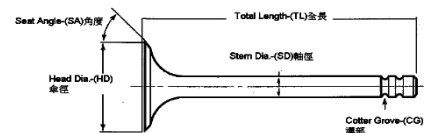
IN 43.0 10.0 187.6

OEM NO. 1-12552-084-0

EX 42.0 10.0 187.6

SIZE

STD



### Valve Seat

OEM NO.

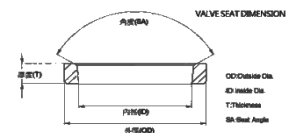
IN

OEM NO.

EX

SIZE

STD



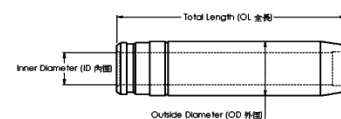
### Valve Guide

OEM NO. 1-11721-012-0

IN/EX 80.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.



**Piston kit-Set**

OEM NO. 1-12111-999-1

Piston

SIZE

Comp : 88.3 w/al-fin Height : -26.4 oil-cooled  
Length : 143.9 MOS2  
Top Shape : Ø84.0 Direct Injection  
Pin : 56.0 Length : 104.5

STD



**Piston Ring**

OEM NO. 1-12121-143-0  
NPR : SDI10-167ZZ

OEM Ring Groove

SIZE

Top : 2.948DK  
2nd : 2.5  
3rd : 3.0  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 1-11261-379-2

Liner&Sleeve

SIZE

In Diameter : 147.0  
Out Diameter : 151.5  
Total length : 266.0  
Flange : 158.5\*6.0+1.0

STD



**Engine Bearing**

MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :

SIZE

STD

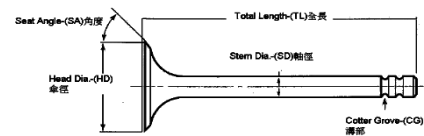


**Engine Valve**

OEM NO. 1-12551-162-0  
IN 48.0 10.0 189.2  
OEM NO. 1-12552-100-0  
EX 46.0 10.0 189.2

SIZE

STD

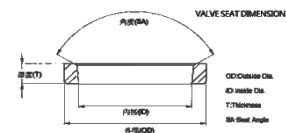


**Valve Seat**

OEM NO.  
IN  
OEM NO.  
EX

SIZE

STD

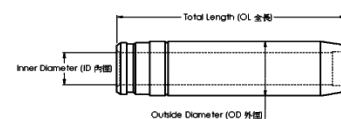


**Valve Guide**

OEM NO. 1-11721-012-0  
IN/EX 80.0 10.0 16.0

SIZE

STD



**Gasket Set**

OEM NO.



### Piston kit-Set

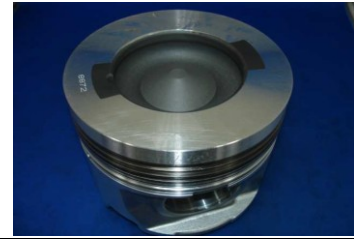
OEM NO. 1-12111-887-0

Piston

SIZE

Comp : 88.3 w/al-fin Height : -27.4 oil-cooled Length : 143.0  
Top Shape : Ø83.0  
Direct Injection  
Pin : 56.0 Length : 104.0

STD



### Piston Ring

OEM NO. 1-12121-143-0

NPR : SDI10-167ZZ

OEM Ring Groove

SIZE

Top : 3.806DK  
2nd : 3.0  
3rd : 3.0  
Oil : 4.0

STD



### Cylinder Liner

OEM NO. 1-11261-379-2

Liner&Sleeve

SIZE

In Diameter : 147.0  
Out Diameter : 151.6  
Total length : 267.0  
Flange : 158.3\*6.0+1.0

STD



### Engine Bearing

MAIN : 1-11510-059

CON.ROD : 1-12271-072

T/W :

C/B :

BUSH :

SIZE

STD



### Engine Valve

OEM NO. 1-12551-162-0

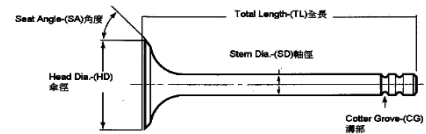
IN 48.0 10.0 189.2

OEM NO. 1-12552-100-0

EX 46.0 10.0 189.2

SIZE

STD



### Valve Seat

OEM NO.

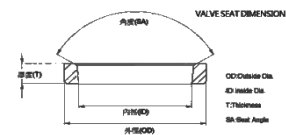
IN

OEM NO.

EX

SIZE

STD



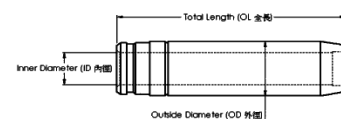
### Valve Guide

OEM NO. 1-11721-012-0

IN/EX 80.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

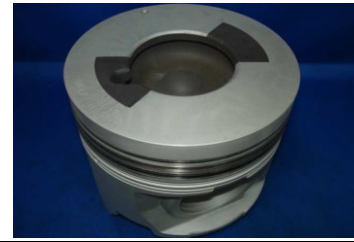
OEM NO. 1-12111-964-2

Piston

SIZE

 Comp : 88.3 w/al-fin Height : -29.5 oil-cooled Length : 143.0  
 Top Shape : Ø65.5  
 Direct Injection  
 Pin : 56.0 Length : 104.0

STD



### Piston Ring

OEM NO. 1-12121-143-0

NPR : SDI10-167ZZ

OEM Ring Groove

SIZE

 Top : 3.806DK  
 2nd : 3.0  
 3rd : 3.0  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 1-11261-379-2

Liner&amp;Sleeve

SIZE

 In Diameter : 147.0  
 Out Diameter : 151.6  
 Total length : 267.0  
 Flange : 158.3\*6.0+1.0

STD



### Engine Bearing

MAIN : 1-11510-059

CON.ROD : 1-12271-072

T/W :

C/B :

BUSH :

SIZE

STD



### Engine Valve

OEM NO. 1-12551-162-0

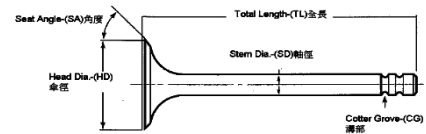
IN 48.0 10.0 189.2

OEM NO. 1-12552-100-0

EX 46.0 10.0 189.2

SIZE

STD



### Valve Seat

OEM NO.

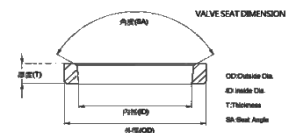
IN

OEM NO.

EX

SIZE

STD



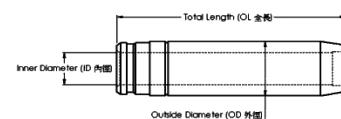
### Valve Guide

OEM NO. 1-11721-012-0

IN/EX 80.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.





**Piston kit-Set**

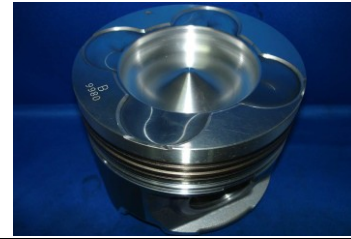
OEM NO. 1-12111-998-0

Piston

SIZE

Comp : 89.35 w/al-fin Height : -25.7 oil-cooled  
Length : 143.0 MOS2  
Top Shape : Ø87.0 Direct Injection  
Pin : 56.0 Length : 104.0

STD



**Piston Ring**

OEM NO. 1-12121-144-0

NPR : SDI10-181ZZ

OEM Ring Groove

SIZE

Top : 2.948K  
2nd : 2.5  
3rd : 3.0  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 1-11261-379-2

Liner&Sleeve

SIZE

In Diameter : 147.0  
Out Diameter : 151.6  
Total length : 267.0  
Flange : 158.3\*6.0+1.0

STD



**Engine Bearing**

MAIN : 1-11510-059

CON.ROD : 1-12271-072

T/W :

C/B :

BUSH :

SIZE

STD



**Engine Valve**

OEM NO. 1-12551-162-0

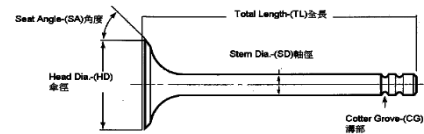
IN 48.0 10.0 189.2

OEM NO. 1-12552-100-0

EX 46.0 10.0 189.2

SIZE

STD



**Valve Seat**

OEM NO.

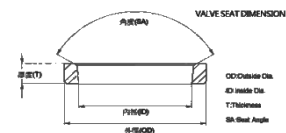
IN

OEM NO.

EX

SIZE

STD



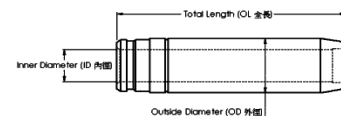
**Valve Guide**

OEM NO. 1-11721-012-0

IN/EX 80.0 10.0 16.0

SIZE

STD



**Gasket Set**

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-154-1

Piston

SIZE

 Comp : 75.3 w/al-fin Height : -24.1 Length : 113.3  
 Top Shape : Ø60.0  
 Direct Injection  
 Pin : 38.0 Length : 80.0

STD



### Piston Ring

OEM NO. 1-12181-016-0

NPR : YJ110-080ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 6.0

STD



### Cylinder Liner

OEM NO. 1-11261-063-0

Liner&amp;Sleeve

SIZE

 In Diameter : 115.0  
 Out Diameter : 130.0  
 Total length : 219.0  
 Flange : 141.7\*10+1.25

STD



### Engine Bearing

MAIN : 1-11510-003

CON.ROD : 1-12271-008

T/W : 1-11515-004

C/B :

BUSH : 1-12251-001

SIZE

STD



### Engine Valve

OEM NO. 1-12551-030-0

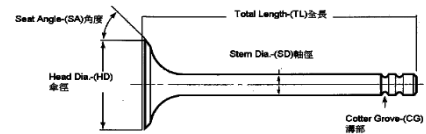
IN 48.0 10.0 159.0

OEM NO. 1-12552-015-0

EX 46.0 10.0 159.0

SIZE

STD



### Valve Seat

OEM NO. 1-11715-023/032-0

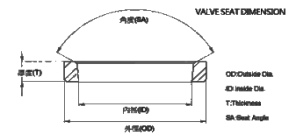
IN 50.0 43.0 10.3

OEM NO. 1-11711-020/037-0

EX 48.0 40.0 10.3

SIZE

STD



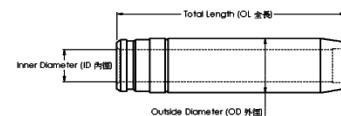
### Valve Guide

OEM NO. 1-11721-004-1

IN/EX 80.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-794-0

Piston

SIZE

 Comp : 67.8 Height : -23.2 Length : 104.0  
 Top Shape : Ø61.0  
 Direct Injection  
 Pin : 38.0 Length : 80.0

STD

### Piston Ring

 OEM NO. 1-12181-043-0  
 NPR : YJ110-081ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 1-11261-063-0

Liner&amp;Sleeve

SIZE

 In Diameter : 115.0  
 Out Diameter : 130.0  
 Total length : 219.0  
 Flange : 141.7\*10+1.25

STD



### Engine Bearing

 MAIN : 1-11510-003  
 CON.ROD : 1-12271-008  
 T/W : 1-11515-004  
 C/B :  
 BUSH : 1-12251-001

SIZE

STD

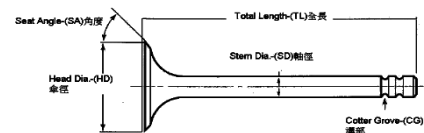


### Engine Valve

 OEM NO. 1-12551-030-0  
 IN 48.0 10.0 159.0  
 OEM NO. 1-12552-015-0  
 EX 46.0 10.0 159.0

SIZE

STD

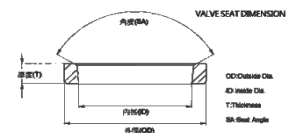


### Valve Seat

 OEM NO. 1-11715-023/032-0  
 IN 50.0 43.0 10.3  
 OEM NO. 1-11711-020/037-0  
 EX 48.0 40.0 10.3

SIZE

STD

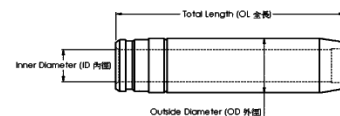


### Valve Guide

 OEM NO. 1-11721-004-1  
 IN/EX 80.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-419-2

Piston

SIZE

 Comp : 67.7 w/al-fin Height : -23.7 Length : 104.0  
 Top Shape : Ø58.3  
 Direct Injection  
 Pin : 38.0 Length : 80.0

STD



### Piston Ring

OEM NO. 1-12121-047-0

NPR : SJI10-106ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 1-11261-076-1

Liner&amp;Sleeve

SIZE

 In Diameter : 119.0  
 Out Diameter : 133.0  
 Total length : 219.25  
 Flange : 143.7\*10+1.25

STD



### Engine Bearing

MAIN : 1-11510-003

CON.ROD : 1-12271-008

T/W : 1-11515-004

C/B :

BUSH : 1-12251-001

SIZE

STD



### Engine Valve

OEM NO. 1-12551-030-0

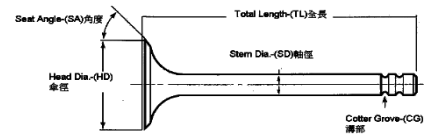
IN 48.0 10.0 159.0

OEM NO. 1-12552-015-0

EX 46.0 10.0 159.0

SIZE

STD



### Valve Seat

OEM NO. 1-11715-023/032-0

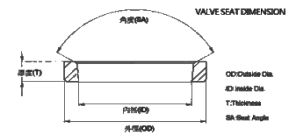
IN 50.0 43.0 10.3

OEM NO. 1-11711-020/037-0

EX 48.0 40.0 10.3

SIZE

STD



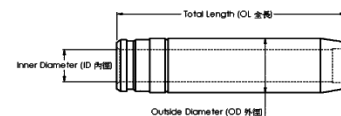
### Valve Guide

OEM NO. 1-11721-004-1

IN/EX 80.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

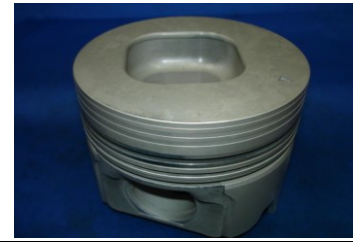
OEM NO. 1-12111-296-1

Piston

SIZE

 Comp : 67.7 w/al-fin Height : -23.5 Length : 104.0  
 Top Shape : Ø58.3  
 Direct Injection  
 Pin : 38.0 Length : 80.0

STD



### Piston Ring

OEM NO. 1-12121-047-0

NPR : SJI10-106ZZ

OEM Ring Groove

SIZE

 Top : 3.0  
 2nd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 1-11261-143-1

Liner&amp;Sleeve

SIZE

 In Diameter : 119.0  
 Out Diameter : 133.0  
 Total length : 219.25  
 Flange : 143.7\*10+1.25

STD



### Engine Bearing

MAIN : 1-11510-003

CON.ROD : 1-12271-008

T/W : 1-11515-004

C/B :

BUSH : 1-12251-001

SIZE

STD



### Engine Valve

OEM NO. 1-12551-030-0

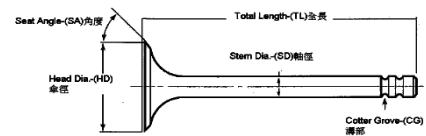
IN 48.0 10.0 159.0

OEM NO. 1-12552-015-0

EX 46.0 10.0 159.0

SIZE

STD



### Valve Seat

OEM NO. 1-11715-023/032-0

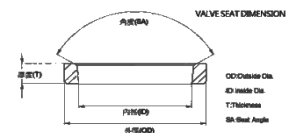
IN 50.0 43.0 10.3

OEM NO. 1-11711-020/037-0

EX 48.0 40.0 10.3

SIZE

STD



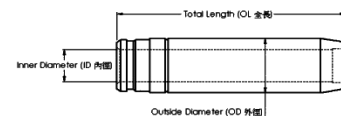
### Valve Guide

OEM NO. 1-11721-004-1

IN/EX 80.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-549-3

Piston

SIZE

Comp : 67.6 w/al-fin Height : -25.0 Length : 107.0  
 Top Shape : Ø53.2  
 Direct Injection  
 Pin : 43.0 Length : 80.0

STD



### Piston Ring

OEM NO.

NPR : SJI10-115ZZ

OEM Ring Groove

SIZE

Top : 4.0  
 2nd : 2.5  
 Oil : 4.0

STD



### Cylinder Liner

OEM NO. 1-11261-161-0

Liner&Sleeve

SIZE

In Diameter : 119.0  
 Out Diameter : 143.7  
 Total length : 234.0  
 Flange : 133.0\*10.0+1.20

STD



### Engine Bearing

MAIN : 1-11510-003

CON.ROD : 1-12271-008

T/W : 1-11515-004

C/B :

BUSH : 1-12251-001

SIZE

STD



### Engine Valve

OEM NO. 1-12551-136-0

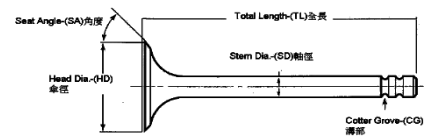
IN 50.0 10.0 159.0

OEM NO. 1-12552-015-0

EX 46.0 10.0 159.0

SIZE

STD



### Valve Seat

OEM NO. 1-11715-078-0

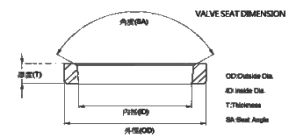
IN 52.0 44.8 9.8

OEM NO. 1-11711-075-0

EX 48.0 40.0 9.8

SIZE

STD



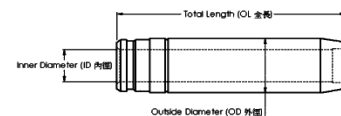
### Valve Guide

OEM NO. 1-11721-004-1

IN/EX 80.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-676-0/1-12111-926-0

Piston

SIZE

Comp : 67.7 w/al-fin Height : -25.8 oil-cooled Length : 106.6  
Top Shape : Ø66.8  
Direct Injection  
Pin : 43.0 Length : 80.0

STD



### Piston Ring

OEM NO. 1-12121-129-1  
NPR : YDI10-164ZZ

OEM Ring Groove

SIZE

Top : 3.8DK  
2nd : 3.0  
3rd : 3.0  
Oil : 4.0

STD



### Cylinder Liner

OEM NO. 1-11261-175-1

Liner&Sleeve

SIZE

In Diameter : 127.0  
Out Diameter : 130.6  
Total length : 233.0  
Flange : 136.6\*6.0

STD



### Engine Bearing

MAIN : 1-11510-098  
CON.ROD : 1-12271-076  
T/W : 1-11510-098  
C/B :  
BUSH :

SIZE

STD

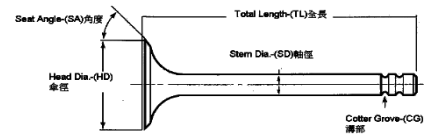


### Engine Valve

OEM NO.  
IN  
OEM NO.  
EX

SIZE

STD

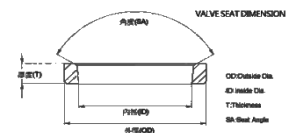


### Valve Seat

OEM NO.  
IN  
OEM NO.  
EX

SIZE

STD

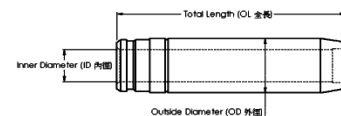


### Valve Guide

OEM NO. 1-11721-004-1  
IN/EX 80.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.



**Piston kit-Set**

OEM NO. 1-12111-813-0

Piston

SIZE

Comp : 67.8 w/al-fin Height : -26.6 oil-cooled Length : 106.6  
Top Shape : Ø56.6  
Direct Injection  
Pin : 43.0 Length : 79.0

STD



**Piston Ring**

OEM NO. 1-12121-129-1  
NPR : YDI10-164ZZ

OEM Ring Groove

SIZE

Top : 3.8DK  
2nd : 3.0  
3rd : 3.0  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 1-11261-175-1

Liner&Sleeve

SIZE

In Diameter : 127.0  
Out Diameter : 130.6  
Total length : 233.0  
Flange : 136.6\*6.0

STD



**Engine Bearing**

MAIN : 1-11510-098  
CON.ROD : 1-12271-076  
T/W : 1-11510-098  
C/B :  
BUSH :

SIZE

STD

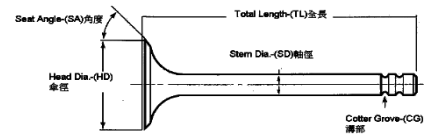


**Engine Valve**

OEM NO.  
IN  
OEM NO.  
EX

SIZE

STD

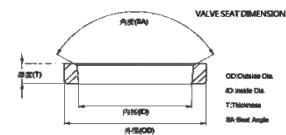


**Valve Seat**

OEM NO.  
IN  
OEM NO.  
EX

SIZE

STD

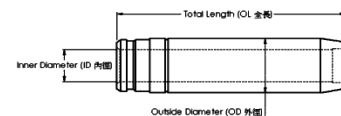


**Valve Guide**

OEM NO. 1-11721-004-1  
IN/EX 80.0 10.0 16.0

SIZE

STD



**Gasket Set**

OEM NO.





**Piston kit-Set**

OEM NO. 9-12111-646-0

Piston

SIZE

Comp : 48.0 Height : -3.3 Length : 96.0  
Top Shape : Flower  
Pin : 25.0  
Length : 72.0

STD



**Piston Ring**

OEM NO. 5-12181-122-0

NPR : SJI10-017ZZ

OEM Ring Groove

SIZE

Top : 2.0  
2nd : 2.0  
3rd : 2.0  
Oil : 5.0/5.0

STD



**Cylinder Liner**

OEM NO. 9-11261-253-1

Liner&Sleeve

SIZE

In Diameter : 83.0  
Out Diameter : 86.0  
Total length : 174.0  
Flange : 92.0\*1.4

STD



**Engine Bearing**

MAIN : 5-11510-021  
CON.ROD : 5-12271-005  
T/W : 9-11581-057  
C/B : 9-11610-620  
BUSH : 9-12251-061

SIZE

STD

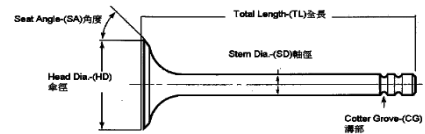


**Engine Valve**

OEM NO. 9-12551-802-0  
IN 38.0 8.0 115.8  
OEM NO. 5-12552-026-0  
EX 32.0 8.0 115.8

SIZE

STD

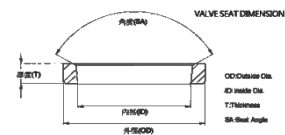


**Valve Seat**

OEM NO. 1-11715-054-0  
IN 40.0 35.5 6.3  
OEM NO. 1-11711-066-0  
EX 34.0 29.5 6.3

SIZE

STD

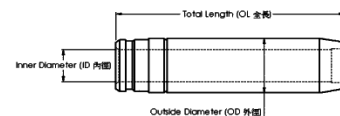


**Valve Guide**

OEM NO. 5-11721-016-0  
IN/EX 50.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO. 8-94250-729-0

Piston

SIZE

Comp : 47.5 w/al-fin Height : -3.0 Length : 82.4  
Top Shape : Flower  
Pin : 27.0  
Length : 68.0

STD



**Piston Ring**

OEM NO. 8-94253-736-0

NPR : SJI10-103ZZ

OEM Ring Groove

SIZE

Top : 2.0  
2nd : 2.0  
Oil : 4.0

STD



**Cylinder Liner**

OEM NO. 5-11261-015-2

Liner&Sleeve

SIZE

In Diameter : 88.0  
Out Diameter : 90.0  
Total length : 163.0  
Flange : 95.0\*0.9

STD



**Engine Bearing**

MAIN : 8-94118-830  
CON.ROD : 8-94462-943  
T/W : 9-11581-048  
C/B : 5-11610-002  
BUSH : 5-12251-005

SIZE

STD

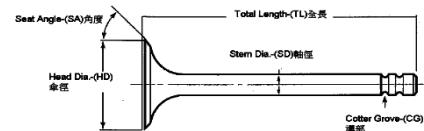


**Engine Valve**

OEM NO. 1-12551-028-0  
IN 40.0 8.0 116.0  
OEM NO. 1-12552-034-0  
EX 34.0 8.0 116.0

SIZE

STD

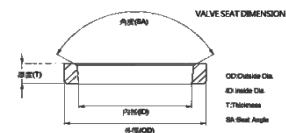


**Valve Seat**

OEM NO. 1-11715-023-0  
IN 41.0 34.0 6.3  
OEM NO. 1-11711-026-0  
EX 35.0 28.0 6.3

SIZE

STD

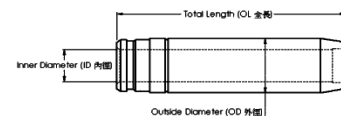


**Valve Guide**

OEM NO. 5-11721-016-0  
IN/EX 50.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO. 5-12111-202-0/5-12111-064-0/5-12111-064-1/5-12111-813-1



Piston

SIZE

Comp : 51.7 Height : -2.3 Length : 96.0  
Top Shape : Flower  
Pin : 27.0  
Length : 72.0

STD

**Piston Ring**

OEM NO. 5-12181-027-0  
NPR : SDI10-051ZZ



OEM Ring Groove

SIZE

Top : 2.0  
2nd : 2.0  
3rd : 2.0  
Oil : 5.0

STD

**Cylinder Liner**

OEM NO. 9-11261-230-0



Liner&Sleeve

SIZE

In Diameter : 86.0  
Out Diameter : 88.0  
Total length : 178.0  
Flange : 94.0\*0.9

STD

**Engine Bearing**

MAIN : 5-11510-021  
CON.ROD : 5-12271-005  
T/W : 9-11581-057  
C/B : 5-11610-002  
BUSH : 5-12251-005

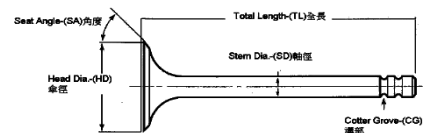


SIZE

STD

**Engine Valve**

OEM NO. 1-12551-028-0  
IN 40.0 8.0 115.8  
OEM NO. 1-12552-034-0  
EX 34.0 8.0 115.8

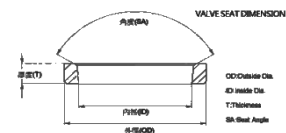


SIZE

STD

**Valve Seat**

OEM NO. 1-11715-023-0  
IN 41.0 34.0 6.3  
OEM NO. 1-11711-026-0  
EX 35.0 28.0 6.3

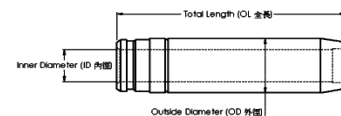


SIZE

STD

**Valve Guide**

OEM NO. 5-11721-016-0  
IN/EX 50.0 8.0 14.0



SIZE

STD

**Gasket Set**

OEM NO. 5-11141-017-2



**Piston kit-Set**

OEM NO. 5-12111-203-0

Piston

SIZE

Comp : 51.7 Height : -2.3 Length : 96.0  
Top Shape : Flower  
Pin : 27.0  
Length : 72.0

STD



**Piston Ring**

OEM NO. 5-12181-027-0

NPR : SDI10-051ZZ

OEM Ring Groove

SIZE

Top : 2.0  
2nd : 2.0  
3rd : 2.0  
Oil : 5.0

STD



**Cylinder Liner**

OEM NO. 9-11261-230-0

Liner&Sleeve

SIZE

In Diameter : 86.0  
Out Diameter : 88.0  
Total length : 178.0  
Flange : 94.0\*0.9

STD



**Engine Bearing**

MAIN : 5-11510-021

CON.ROD : 5-12271-005

T/W : 9-11581-057

C/B : 5-11610-002

BUSH : 5-12251-005

SIZE

STD



**Engine Valve**

OEM NO. 1-12551-028-0

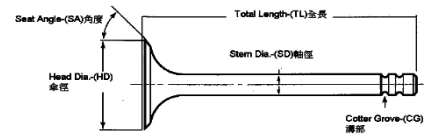
IN 40.0 8.0 115.8

OEM NO. 1-12552-034-0

EX 34.0 8.0 115.8

SIZE

STD



**Valve Seat**

OEM NO. 1-11715-023-0

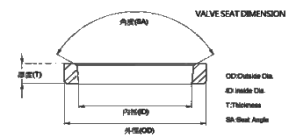
IN 41.0 34.0 6.3

OEM NO. 1-11711-026-0

EX 35.0 28.0 6.3

SIZE

STD



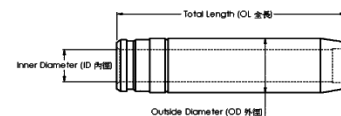
**Valve Guide**

OEM NO. 5-11721-016-0

IN/EX 50.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO.5-11141-017-2



**Piston kit-Set**

OEM NO. 5-12111-225-0

Piston

SIZE

Comp : 51.7 Height : -2.1 Length : 96.5  
Top Shape : Flower  
Pin : 27.0  
Length : 68.0

STD



**Piston Ring**

OEM NO. 8-94104-954-0

NPR : SJI10-093ZZ

OEM Ring Groove

SIZE

Top : 2.5  
2nd : 2.0  
Oil : 5.0

STD



**Cylinder Liner**

OEM NO. 9-11261-230-0

Liner&Sleeve

SIZE

In Diameter : 86.0  
Out Diameter : 88.0  
Total length : 178.0  
Flange : 94.0\*0.9

STD



**Engine Bearing**

MAIN : 5-11510-021

CON.ROD : 5-12271-005

T/W : 9-11581-057

C/B : 5-11610-002

BUSH : 5-12251-005

SIZE

STD



**Engine Valve**

OEM NO. 1-12551-028-0

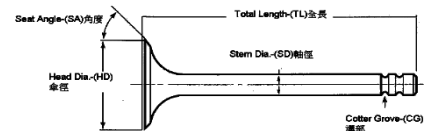
IN 40.0 8.0 115.8

OEM NO. 1-12552-034-0

EX 34.0 8.0 115.8

SIZE

STD



**Valve Seat**

OEM NO. 1-11715-023-0

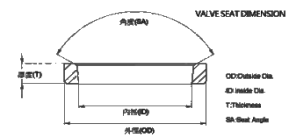
IN 41.0 34.0 6.3

OEM NO. 1-11711-026-0

EX 35.0 28.0 6.3

SIZE

STD



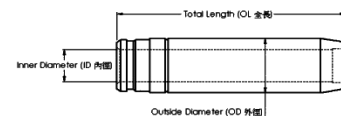
**Valve Guide**

OEM NO. 5-11721-016-0

IN/EX 50.0 8.0 14.0

SIZE

STD



**Gasket Set**

OEM NO. 5-11141-017-2



**Piston kit-Set**

OEM NO. 9-12111-834-0

Piston	SIZE
Comp : 51.5 w/al-fin Height : -3.3 Length : 96.0 Top Shape : Flower Pin : 27.0 Length : 72.0	STD



**Piston Ring**

OEM NO. 5-12181-063-0

NPR :

OEM Ring Groove	SIZE
Top : 2.5 2nd : 2.0 3rd : 2.0 Oil : 5.0	STD



**Cylinder Liner**

OEM NO. 9-11261-230-0

Liner&Sleeve	SIZE
In Diameter : 86.0 Out Diameter : 88.0 Total length : 178.0 Flange : 94.0*0.9	STD



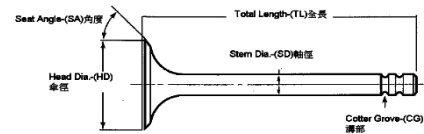
**Engine Bearing**

	SIZE
MAIN : 5-11510-021 CON.ROD : 5-12271-005 T/W : 9-11581-057 C/B : 5-11610-602 BUSH : 5-12251-062	STD



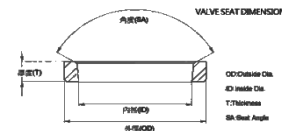
**Engine Valve**

	SIZE
OEM NO. 1-12551-028-0 IN 40.0 8.0 116.0 OEM NO. 1-12552-034-0 EX 34.0 8.0 116.0	STD



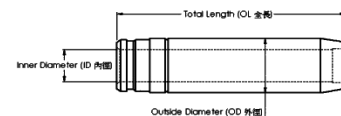
**Valve Seat**

	SIZE
OEM NO. 5-11715-023-0 IN 41.0 34.0 6.3 OEM NO. 9-11711-801-0 EX 35.0 28.0 6.3	STD



**Valve Guide**

	SIZE
OEM NO. 11721-016-0 IN/EX 50.0 8.0 14.0	STD



**Gasket Set**

OEM NO.



# ISUZU D201

**Application :**  
**Number of Cylinders 4**  
**Cylinder dia. 88.0 MM**  
**Swept Volume 2238ccm**

## Piston kit-Set

OEM NO. 8-94105-454-0

Piston	SIZE
Comp : 47.8 Height : Length : 88.7 Top Shape : Direct Injection Pin : 31.0 Length : 68.0	STD

## Piston Ring

OEM NO. 8-94417-175-0

NPR :

OEM Ring Groove	SIZE
Top : 2.0 2nd : 2.0 3rd : 2.0 Oil : 4.0	STD



## Cylinder Liner

OEM NO.

Liner&Sleeve	SIZE
In Diameter : Out Diameter : Total length : Flange :	STD



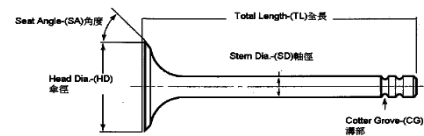
## Engine Bearing

MAIN :	SIZE
CON.ROD : T/W : C/B : BUSH :	STD



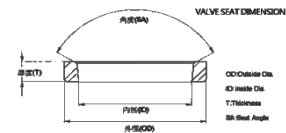
## Engine Valve

OEM NO. 8-94153-576-1 IN 38.0 8.0 115.8 OEM NO. 8-94153-577-0 EX 32.0 8.0 115.8	SIZE
	STD



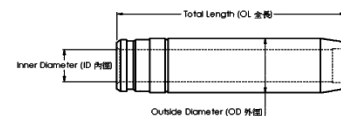
## Valve Seat

OEM NO. 8-94143-514-0 IN 46.0 33.5 6.7 OEM NO. 8-94143-515-0 EX 34.0 27.5 6.7	SIZE
	STD



## Valve Guide

OEM NO. IN OEM NO. EX	SIZE
	STD



## Gasket Set

OEM NO.



**Piston kit-Set**

OEM NO. 5-12111-055-1/9-12111-814-0

Piston

SIZE

Comp : 62.55 Height : -2.2 Length : 112.3  
Top Shape : Flower  
Pin : 33.0  
Length : 85.0

STD



**Piston Ring**

OEM NO. 5-12121-025-0  
NPR : SJI10-071ZZ

OEM Ring Groove

SIZE

Top : 3.0  
2nd : 2.5  
Oil : 5.0

STD



**Cylinder Liner**

OEM NO. 9-11261-802-0

Liner&Sleeve

SIZE

In Diameter : 98.0  
Out Diameter : 102.0  
Total length : 180.0  
Flange : 108.0\*4.0

STD



**Engine Bearing**

MAIN : 5-11510-041  
CON.ROD : 9-12271-178  
T/W : 9-11585-065  
C/B : 9-11691-048  
BUSH : 9-12251-059

SIZE

STD

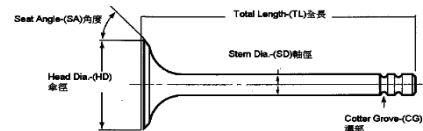


**Engine Valve**

OEM NO. 1-12551-050/054-0  
IN 45.0 9.0 127.8  
OEM NO. 1-12552-025/052-0  
EX 37.5 9.0 127.8

SIZE

STD

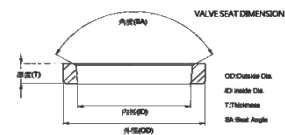


**Valve Seat**

OEM NO. 1-11715-034-0  
IN 47.0 41.0 7.3  
OEM NO. 5-11711-028-0  
EX 39.0 33.0 7.3

SIZE

STD

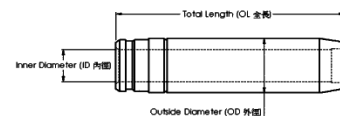


**Valve Guide**

OEM NO. 9-11721-804-0  
IN/EX 60.0 9.0 14.0

SIZE

STD



**Gasket Set**

OEM NO.





**Piston kit-Set**

OEM NO. 9-12111-126-0/9-12111-901-0

Piston

SIZE

Comp : 62.0 Height : -6.2 Length : 125.0  
Top Shape : Flower  
Pin : 34.0  
Length : 83.5

STD



**Piston Ring**

OEM NO. 1-12181-036-0  
NPR : SJI10-061ZZ

OEM Ring Groove

SIZE

Top : 2.5  
2nd : 2.5  
3rd : 2.5  
Oil : 5.0

STD



**Cylinder Liner**

OEM NO. 9-11261-287-1

Liner&Sleeve

SIZE

In Diameter : 100.0  
Out Diameter : 113.0  
Total length : 220.0  
Flange : 119.0\*8.0

STD



**Engine Bearing**

MAIN : 9-11515-170  
CON.ROD : 9-12271-121  
T/W : 9-11515-170  
C/B :  
BUSH : 9-12251-083

SIZE

STD

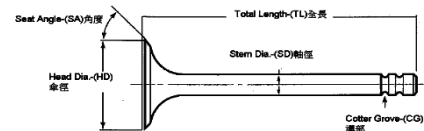


**Engine Valve**

OEM NO. 9-12551-132-0  
IN 44.0 10.0 144.0  
OEM NO. 9-12552-217-0  
EX 40.0 10.0 144.0

SIZE

STD

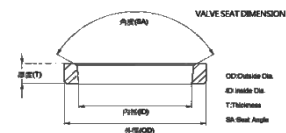


**Valve Seat**

OEM NO. 1-11715-005-0  
IN 46.5 39.5 8.3  
OEM NO. 1-11711-005-0  
EX 45.0 36.0 8.3

SIZE

STD

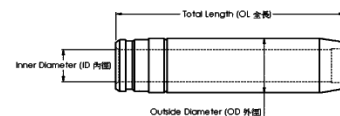


**Valve Guide**

OEM NO. 9-11721-160-0  
IN/EX 80.0 10.0 16.0

SIZE

STD



**Gasket Set**

OEM NO.



### Piston kit-Set

OEM NO. 9-12111-196-0

Piston

SIZE

 Comp : 62.0 Height : -6.0 Length : 125.0  
 Top Shape : Flower  
 Pin : 34.0  
 Length : 83.5

STD

### Piston Ring

OEM NO. 1-12181-036-0

NPR : SJI10-028ZZ

OEM Ring Groove

SIZE

 Top : 2.5  
 2nd : 2.5  
 3rd : 2.5  
 Oil : 4.0/4.0

STD



### Cylinder Liner

OEM NO. 9-11261-287-1

Liner&amp;Sleeve

SIZE

 In Diameter : 100.0  
 Out Diameter : 113.0  
 Total length : 220.0  
 Flange : 119.0\*8.0

STD



### Engine Bearing

 MAIN : 9-11515-170  
 CON.ROD : 9-12271-121  
 T/W : 9-11515-170  
 C/B :  
 BUSH : 9-12251-083

SIZE

STD

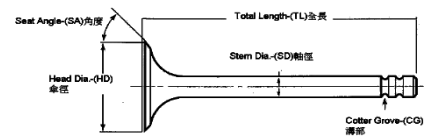


### Engine Valve

 OEM NO. 9-12551-132-0  
 IN 44.0 10.0 144.0  
 OEM NO. 9-12552-217-0  
 EX 40.0 10.0 144.0

SIZE

STD

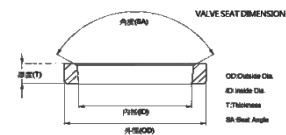


### Valve Seat

 OEM NO. 1-11715-005-0  
 IN 46.5 39.5 8.3  
 OEM NO. 1-11711-005-0  
 EX 45.0 36.0 8.3

SIZE

STD

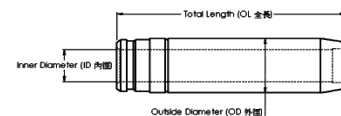


### Valve Guide

 OEM NO. 9-11721-160-0  
 IN/EX 80.0 10.0 16.0

SIZE

STD



### Gasket Set

OEM NO.



**Piston kit-Set**

OEM NO. 9-12111-740-0

Piston

SIZE

Comp : 68.0 Height : -5.7 Length : 125.0  
Top Shape : Flower  
Pin : 36.0  
Length : 86.0

STD



**Piston Ring**

OEM NO. 1-12181-033-0

NPR : SJI10-063ZZ

OEM Ring Groove

SIZE

Top : 2.5  
2nd : 2.5  
3rd : 2.5  
Oil : 5.0

STD



**Cylinder Liner**

OEM NO. 9-11261-288-0

Liner&Sleeve

SIZE

In Diameter : 102.0  
Out Diameter : 113.0  
Total length : 228.0  
Flange : 119.0\*8.0

STD



**Engine Bearing**

MAIN : 9-11510-136  
CON.ROD : 9-12271-146  
T/W : 9-11515-170  
C/B :  
BUSH : 9-12251-084

SIZE

STD

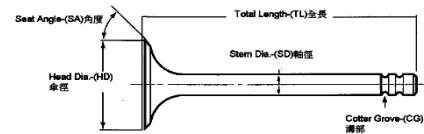


**Engine Valve**

OEM NO. 1-12551-002-0  
IN 45.5 10.0 144.0  
OEM NO. 1-12552-007-0  
EX 42.0 10.0 144.0

SIZE

STD

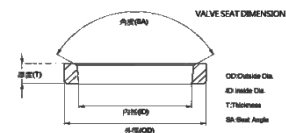


**Valve Seat**

OEM NO. 1-11715-005-0  
IN 46.5 39.5 8.3  
OEM NO. 1-11711-005-0  
EX 45.0 36.0 8.3

SIZE

STD

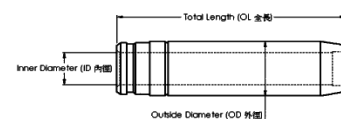


**Valve Guide**

OEM NO. 9-11721-160-0  
IN/EX 80.0 10.0 16.0

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO. 9-12111-377-1

Piston

SIZE

Comp : 62.0 Height : -2.7 Length : 125.0  
Top Shape : Flower  
Pin : 34.0  
Length : 83.5

STD

**Piston Ring**

OEM NO. 1-12161-064  
NPR : SJI10-036ZZ

OEM Ring Groove

SIZE

Top : 2.5  
2nd : 2.5  
3rd : 2.5  
Oil : 4.0/4.0

STD



**Cylinder Liner**

OEM NO. 9-11261-293-0

Liner&Sleeve

SIZE

In Diameter : 102.0  
Out Diameter : 113.0  
Total length : 220.0  
Flange : 119.0\*8.0

STD



**Engine Bearing**

MAIN : 9-11510-136  
CON.ROD : 9-12271-146  
T/W : 9-11515-170  
C/B :  
BUSH : 9-12251-084

SIZE

STD

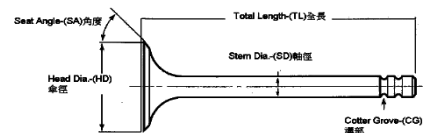


**Engine Valve**

OEM NO. 1-12551-002-0  
IN 45.5 10.0 144.0  
OEM NO. 1-12552-007-0  
EX 42.0 10.0 144.0

SIZE

STD

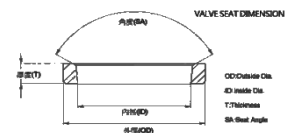


**Valve Seat**

OEM NO. 1-11715-005-0  
IN 46.5 39.5 8.3  
OEM NO. 1-11711-005-0  
EX 45.0 36.0 8.3

SIZE

STD

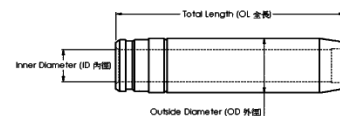


**Valve Guide**

OEM NO. 9-11721-160-0  
IN/EX 80.0 10.0 16.0

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO. 1-12111-125-0

Piston

SIZE

Comp : 68.0 w/al-fin Height : -4.5 Length : 125.0  
Top Shape : Flower  
Pin : 36.0  
Length : 83.5

STD



**Piston Ring**

OEM NO. 1-12181-033-0  
NPR : SJI10-063ZZ

OEM Ring Groove

SIZE

Top : 2.5  
2nd : 2.5  
3rd : 2.5  
Oil : 5.0

STD



**Cylinder Liner**

OEM NO. 9-11261-288-0

Liner&Sleeve

SIZE

In Diameter : 102.0  
Out Diameter : 113.0  
Total length : 228.0  
Flange : 119.0\*8.0

STD



**Engine Bearing**

MAIN : 9-11510-136  
CON.ROD : 9-12271-146  
T/W : 9-11515-170  
C/B :  
BUSH : 9-12251-084

SIZE

STD

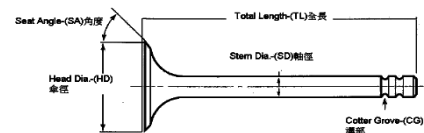


**Engine Valve**

OEM NO. 1-12551-002-0  
IN 45.5 10.0 144.0  
OEM NO. 1-12552-007-0  
EX 42.0 10.0 144.0

SIZE

STD

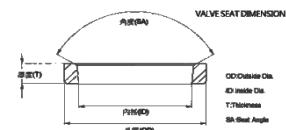


**Valve Seat**

OEM NO. 1-11715-005-0  
IN 46.5 39.5 8.3  
OEM NO. 1-11711-005-0  
EX 45.0 36.0 8.3

SIZE

STD

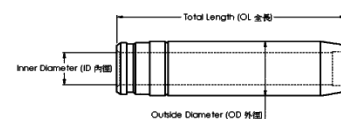


**Valve Guide**

OEM NO. 9-11721-160-0  
IN/EX 80.0 10.0 16.0

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

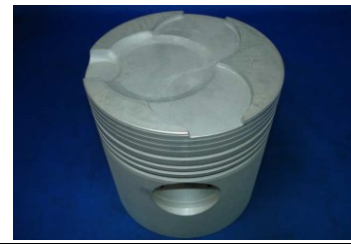
OEM NO. 9-12111-742-0

Piston

SIZE

Comp : 77.8 Height : -8.3 Length : 150.8  
Top Shape : Flower  
Pin : 45.0  
Length : 97.0

STD



**Piston Ring**

OEM NO. 12181-050  
NPR : SJI10-093ZZ

OEM Ring Groove

SIZE

Top : 3.0  
2nd : 3.0  
3rd : 3.0  
Oil : 6.0/6.0

STD



**Cylinder Liner**

OEM NO. 9-11261-241-0

Liner&Sleeve

SIZE

In Diameter : 120.0  
Out Diameter : 135.0  
Total length : 280.0  
Flange : 140.7\*11.0

STD



**Engine Bearing**

MAIN : 1-11510-012  
CON.ROD : 9-12271-130  
T/W : 9-11515-198  
C/B :  
BUSH : 9-12251-070

SIZE

STD

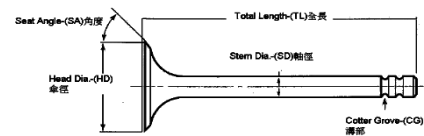


**Engine Valve**

OEM NO. 9-12551-188-0/1  
IN 54.0 12.0 164.0  
OEM NO. 9-12552-251-0/1  
EX 48.0 12.0 164.0

SIZE

STD

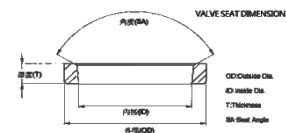


**Valve Seat**

OEM NO. 9-11715-126-0  
IN 56.0 49.0 9.3  
OEM NO. 9-11711-149-0  
EX 51.0 40.0 9.3

SIZE

STD

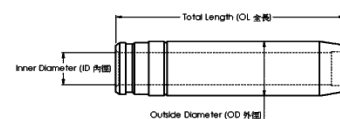


**Valve Guide**

OEM NO. 9-11721-120-0  
IN/EX 81.0 12.0 19.0

SIZE

STD



**Gasket Set**

OEM NO.



### Piston kit-Set

OEM NO.

Piston

SIZE

Comp : Height : Length :

Top Shape :

Pin :

Length :

STD

### Piston Ring

OEM NO. 12181-115-0

NPR : SJI10-060ZZ

OEM Ring Groove

SIZE

Top : 3.0

2nd : 3.0

3rd : 3.0

Oil : 6.0

STD



### Cylinder Liner

OEM NO. 1-11261-268

Liner&amp;Sleeve

SIZE

In Diameter : 125.0

Out Diameter : 140.0

Total length : 283.0

Flange : 146.7\*11.0+2.0

STD



### Engine Bearing

MAIN : 1-11510-012

CON.ROD : 9-12271-153

T/W : 9-11515-198

C/B :

BUSH : 9-12251-074

SIZE

STD



### Engine Valve

OEM NO. 9-12551-109-0

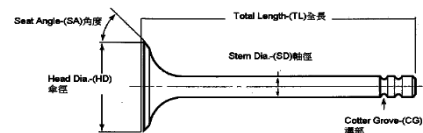
IN 56.0 12.0 163.0

OEM NO. 9-12552-262-0

EX 51.0 12.0 163.0

SIZE

STD



### Valve Seat

OEM NO. 9-11715-125-0

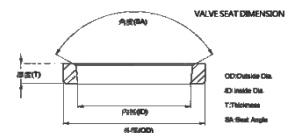
IN 58.5 49.0 9.0

OEM NO. 9-11711-127-1

EX 54.0 44.0 9.0

SIZE

STD



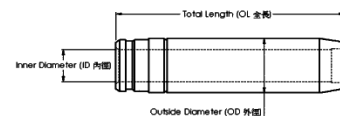
### Valve Guide

OEM NO. 9-11721-165-0

IN/EX 84.0 12.0 19.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

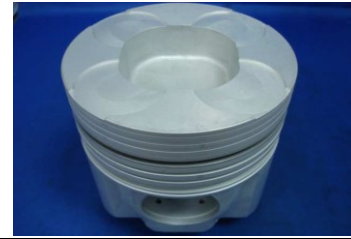
OEM NO. 1-12111-022-2

Piston

SIZE

 Comp : 89.2 w/al-fin Height : -26.4 Length : 150.3  
 Top Shape :  $\varnothing 67.3$   
 Direct Injection  
 Pin : 50.0 Length : 104.0

STD



### Piston Ring

OEM NO. 9-12181-149-0

NPR : SDI10-050ZZ

OEM Ring Groove

SIZE

 Top : 4.0  
 2nd : 2.5  
 3rd : 2.5  
 Oil : 7.0

STD



### Cylinder Liner

OEM NO. 1-11261-133-0

Liner&amp;Sleeve

SIZE

 In Diameter : 135.0  
 Out Diameter : 141.0  
 Total length : 264.0  
 Flange : 146.7\*6.0

STD



### Engine Bearing

MAIN : 1-11510-033

CON.ROD : 1-12771-023

T/W : 9-11515-216

C/B :

BUSH : 9-12251-088

SIZE

STD



### Engine Valve

OEM NO. 1-12551-004-0

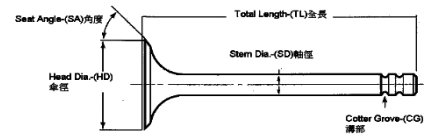
IN 47.0 11.0 164.0

OEM NO. 1-12552-013-0

EX 45.0 11.0 164.0

SIZE

STD



### Valve Seat

OEM NO. 9-11715-117-0

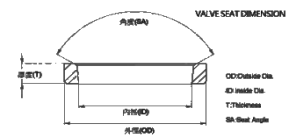
IN 48.0 40.0 8.6

OEM NO. 9-11711-135-0

EX 48.0 38.0 9.6

SIZE

STD



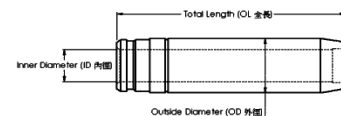
### Valve Guide

OEM NO. 9-11721-212-0

IN/EX 76.0 11.0 18.0

SIZE

STD



### Gasket Set

OEM NO.





### Piston kit-Set

OEM NO. 1-12111-080-1

Piston

SIZE

 Comp : 89.1 w/al-fin Height : -26.3 Length : 150.3  
 Top Shape : Ø66.5  
 Direct Injection  
 Pin : 50.0 Length : 104.0

STD



### Piston Ring

OEM NO. 1-12181-022-0

NPR : SDI10-075ZZ

OEM Ring Groove

SIZE

 Top : 4.0  
 2nd : 2.5  
 Oil : 7.0

STD



### Cylinder Liner

OEM NO. 1-11261-133-0

Liner&amp;Sleeve

SIZE

 In Diameter : 135.0  
 Out Diameter : 141.0  
 Total length : 264.0  
 Flange : 146.7\*6.0

STD



### Engine Bearing

MAIN : 1-11510-033

CON.ROD : 1-12771-023

T/W : 9-11515-216

C/B :

BUSH : 9-12251-088

SIZE

STD



### Engine Valve

OEM NO. 1-12551-004-0

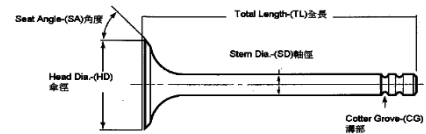
IN 47.0 11.0 164.0

OEM NO. 1-12552-013-0

EX 45.0 11.0 164.0

SIZE

STD



### Valve Seat

OEM NO. 9-11715-117-0

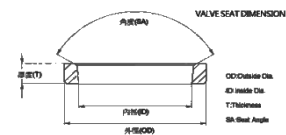
IN 48.0 40.0 8.6

OEM NO. 9-11711-135-0

EX 48.0 38.0 9.6

SIZE

STD



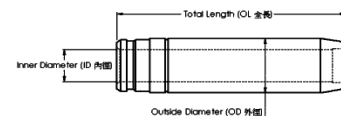
### Valve Guide

OEM NO. 9-11721-212-0

IN/EX 76.0 11.0 18.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

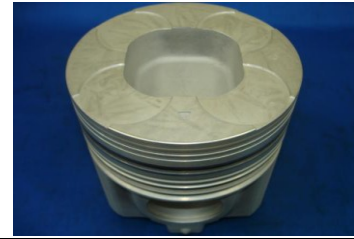
OEM NO. 1-12111-021-0

Piston

SIZE

 Comp : 89.1 w/al-fin Height : -26.3 Length : 150.3  
 Top Shape : Ø67.0  
 Direct Injection  
 Pin : 50.0 Length : 104.0

STD



### Piston Ring

OEM NO. 1-12181-022-0

NPR : SDI10-075ZZ

OEM Ring Groove

SIZE

 Top : 4.0  
 2nd : 2.5  
 Oil : 7.0

STD



### Cylinder Liner

OEM NO. 1-11261-133-0

Liner&amp;Sleeve

SIZE

 In Diameter : 135.0  
 Out Diameter : 141.0  
 Total length : 264.0  
 Flange : 146.7\*6.0

STD



### Engine Bearing

 MAIN : 1-11510-033  
 CON.ROD : 1-12771-023  
 T/W : 9-11515-216  
 C/B :  
 BUSH : 9-12251-088

SIZE

STD

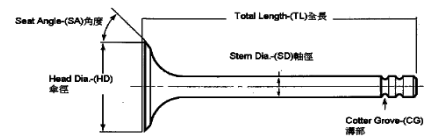


### Engine Valve

 OEM NO. 1-12551-004/010-0  
 IN 47.0 11.0 164.0  
 OEM NO. 1-12552-013/010-0  
 EX 45.0 11.0 164.0

SIZE

STD

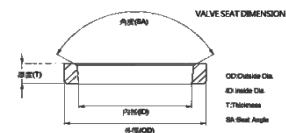


### Valve Seat

 OEM NO. 9-11715-117-0  
 IN 48.0 40.0 8.6  
 OEM NO. 9-11711-135-0  
 EX 48.0 38.0 9.6

SIZE

STD

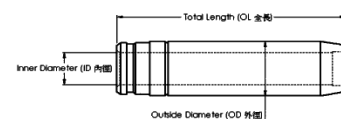


### Valve Guide

 OEM NO. 9-11721-212-0  
 IN/EX 76.0 11.0 18.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-209-2

Piston

SIZE

 Comp : 89.2 w/al-fin Height : -30.0 Length : 150.3  
 Top Shape : Ø  
 Direct Injection  
 Pin : 50.0 Length : 105.0

STD

### Piston Ring

OEM NO. 1-12181-022-0

NPR : SDI10-075ZZ

OEM Ring Groove

SIZE

 Top : 4.0  
 2nd : 2.5  
 Oil : 7.0

STD



### Cylinder Liner

OEM NO. 1-11261-133-0

Liner&amp;Sleeve

SIZE

 In Diameter : 135.0  
 Out Diameter : 141.0  
 Total length : 264.0  
 Flange : 146.7\*6.0

STD



### Engine Bearing

 MAIN : 1-11510-033  
 CON.ROD : 1-12771-023  
 T/W : 9-11515-216  
 C/B :  
 BUSH : 9-12251-088

SIZE

STD

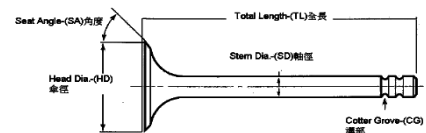


### Engine Valve

 OEM NO. 1-12551-004-0  
 IN 47.0 11.0 164.0  
 OEM NO. 1-12552-013-0  
 EX 45.0 11.0 164.0

SIZE

STD

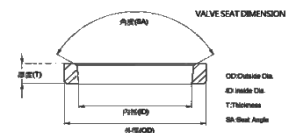


### Valve Seat

 OEM NO. 9-11715-117-0  
 IN 48.0 40.0 8.6  
 OEM NO. 9-11711-135-0  
 EX 48.0 38.0 9.6

SIZE

STD

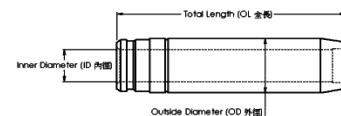


### Valve Guide

 OEM NO. 9-11721-212-0  
 IN/EX 76.0 11.0 18.0

SIZE

STD



### Gasket Set

OEM NO.



### Piston kit-Set

OEM NO. 1-12111-231-0

Piston	SIZE
Comp : 43.2 Height : -2.3 Length : 78.3 Top Shape : Flower Pin : 25.0 Length : 63.0	STD 0.50



### Piston Ring

OEM NO. 5-12121-011-0

NPR :

OEM Ring Groove	SIZE
Top : 2.0 2nd : 2.0 Oil : 4.0	STD



### Cylinder Liner

OEM NO. 9-11261-802-0

Liner&Sleeve	SIZE
In Diameter : Out Diameter : Total length : Flange :	STD



### Engine Bearing

MAIN : 5-11510-0363  
 CON.ROD : 5-12271-032  
 T/W : 9-11581-057  
 C/B :  
 BUSH : 5-12251-007

SIZE

STD

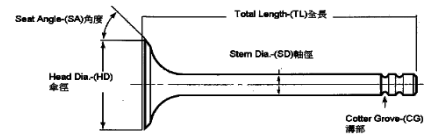


### Engine Valve

OEM NO.  
 IN  
 OEM NO.  
 EX

SIZE

STD

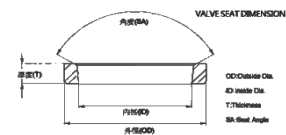


### Valve Seat

OEM NO.  
 IN  
 OEM NO.  
 EX

SIZE

STD

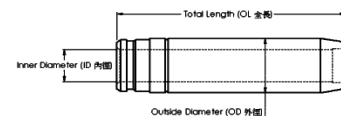


### Valve Guide

OEM NO.  
 IN  
 OEM NO.  
 EX

SIZE

STD



### Gasket Set

OEM NO.



# ISUZU

## 3KB1

**Application :**  
**Number of Cylinders 3**  
**Cylinder dia. 70.0 MM**  
**Swept Volume 877 ccm**

### Piston kit-Set

OEM NO.

Piston

SIZE

Comp : 38.1 Height : -2.75 Length : 70.0

Top Shape : Flower

Pin : 21.0

Length : 58.0

STD

0.50



### Piston Ring

OEM NO. 8-94411-305-0

NPR :

OEM Ring Groove

SIZE

Top : 2.0

2nd : 1.5

Oil : 3.5

STD

0.50



### Cylinder Liner

OEM NO.

Liner&Sleeve

SIZE

In Diameter :

Out Diameter :

Total length :

Flange :

STD



### Engine Bearing

MAIN : 8-94411-291

CON.ROD : 8-94380-527

T/W : 5-11599-002

C/B :

BUSH :

SIZE

STD



### Engine Valve

OEM NO. 1-12551-787-0

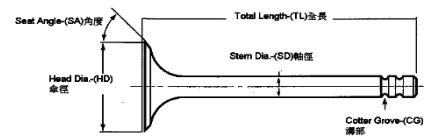
IN 31.0 7.0 100.5

OEM NO. 1-12552-045-0

EX 27.0 7.0 100.5

SIZE

STD



### Valve Seat

OEM NO.

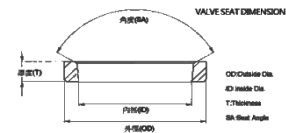
IN

OEM NO.

EX

SIZE

STD



### Valve Guide

OEM NO.

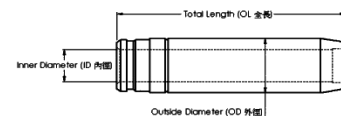
IN

OEM NO.

EX

SIZE

STD



### Gasket Set

OEM NO.



**Piston kit-Set**

OEM NO.

Piston

SIZE

Comp : 37.7 Height : -2.2 Length : 70.0  
Top Shape : Flower  
Pin : 21.0  
Length : 66.4

STD  
0.50



**Piston Ring**

OEM NO. 5-12121-031-0 / 8-94173-165-0  
NPR :

OEM Ring Groove

SIZE

Top : 2.0  
2nd : 1.5  
Oil : 3.5

STD  
0.50



**Cylinder Liner**

OEM NO.

Liner&Sleeve

SIZE

In Diameter :  
Out Diameter :  
Total length :  
Flange :

STD



**Engine Bearing**

MAIN : 8-94411-291  
CON.ROD : 8-94380-527  
T/W : 5-11599-003  
C/B :  
BUSH :

SIZE

STD

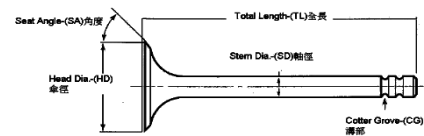


**Engine Valve**

OEM NO. 5-12551-042-0  
IN 35.0 7.0 100.6  
OEM NO. 5-12552-931-0  
EX 31.0 7.0 100.6

SIZE

STD

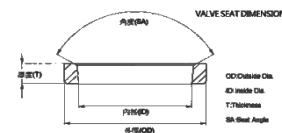


**Valve Seat**

OEM NO. 5-11715-028-0  
IN 36.0 30.0 6.0  
OEM NO. 5-11711-029-0  
EX 32.0 26.0 6.0

SIZE

STD

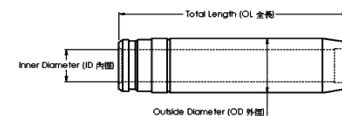


**Valve Guide**

OEM NO.  
IN  
OEM NO.  
EX

SIZE

STD



**Gasket Set**

OEM NO.



**Piston kit-Set**

OEM NO.

Piston

SIZE

Comp : 38.0 Height : -10.0 Length : 67.0  
Top Shape : Ø36.0  
Direct Injection  
Pin : 21.0 Length : 66.4

STD  
0.50



**Piston Ring**

OEM NO. 5-12121-031-0

NPR :

OEM Ring Groove

SIZE

Top : 2.0  
2nd : 1.5  
Oil : 3.5

STD  
0.50



**Cylinder Liner**

OEM NO.

Liner&Sleeve

SIZE

In Diameter :  
Out Diameter :  
Total length :  
Flange :

STD



**Engine Bearing**

MAIN : 5-11510-061  
CON.ROD : 5-12271-014  
T/W : 5-11599-003  
C/B :  
BUSH :

SIZE

STD

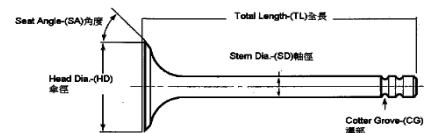


**Engine Valve**

OEM NO.  
IN 30.0 7.0 101.2  
OEM NO.  
EX 26.8 7.0 101.2

SIZE

STD

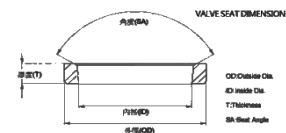


**Valve Seat**

OEM NO.  
IN  
OEM NO.  
EX

SIZE

STD

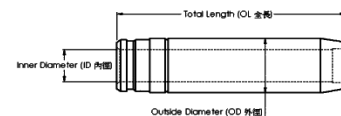


**Valve Guide**

OEM NO.  
IN  
OEM NO.  
EX

SIZE

STD



**Gasket Set**

OEM NO.



# ISUZU

## 3KR1

**Application :**  
**Number of Cylinders 3**  
**Cylinder dia. 81.0 MM**  
**Swept Volume 1422 ccm**

### Piston kit-Set

OEM NO.

Piston

SIZE

Comp : 49.5 Height : -3.6 Length : 80.0  
 Top Shape : Flower  
 Pin : 25.0  
 Length : 64.0

STD  
 0.50



### Piston Ring

OEM NO. 5-12121-031-0 / 1-19620-225-0  
 NPR :

OEM Ring Groove

SIZE

Top : 2.0  
 2nd : 1.75  
 Oil : 4.0

STD  
 0.50



### Cylinder Liner

OEM NO.

Liner&Sleeve

SIZE

In Diameter : 81.0  
 Out Diameter : 84.0  
 Total length : 165.0  
 Flange :

STD



### Engine Bearing

MAIN : 8-94334-039-0  
 CON.ROD : 8-94156-084-0  
 T/W : 5-11599-003-1  
 C/B :  
 BUSH :

SIZE

STD

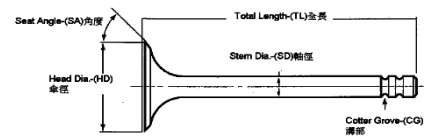


### Engine Valve

OEM NO. 1-12551-088-0  
 IN 38.0 7.0 100.5  
 OEM NO. 1-12552-046-0  
 EX 34.0 7.0 100.5

SIZE

STD

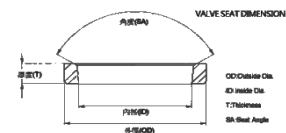


### Valve Seat

OEM NO.  
 IN  
 OEM NO.  
 EX

SIZE

STD

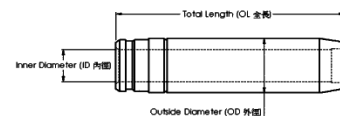


### Valve Guide

OEM NO.  
 IN  
 OEM NO.  
 EX

SIZE

STD



### Gasket Set

OEM NO.





### Piston kit-Set

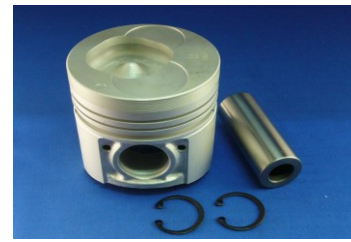
OEM NO.

Piston

SIZE

Comp : 49.2 Height : -13.5 Length : 80.0  
 Top Shape : Ø42.0  
 Direct Injection  
 Pin : 27.0 Length : 65.0

STD  
 0.50



### Piston Ring

OEM NO. 8-94421-065-0

NPR :

OEM Ring Groove

SIZE

Top : 2.0  
 2nd : 1.75  
 Oil : 4.0

STD  
 0.50



### Cylinder Liner

OEM NO.

Liner&Sleeve

SIZE

In Diameter : 81.0  
 Out Diameter : 84.0  
 Total length : 165.0  
 Flange :

STD



### Engine Bearing

MAIN : 8-94334-039-0

CON.ROD :

T/W : 5-11599-003-1

C/B :

BUSH :

SIZE

STD



### Engine Valve

OEM NO. 8-94382-829-1

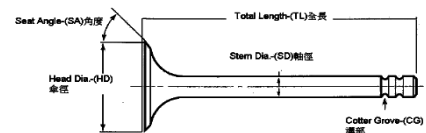
IN 34.0 7.0 101.2

OEM NO. 8-94382-830-1

EX 30.0 7.0 101.3

SIZE

STD



### Valve Seat

OEM NO.

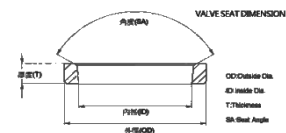
IN

OEM NO.

EX

SIZE

STD



### Valve Guide

OEM NO.

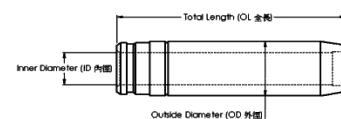
IN

OEM NO.

EX

SIZE

STD



### Gasket Set

OEM NO.



# ISUZU

## 3/4LB1

**Application :**  
**Number of Cylinders 3/4**  
**Cylinder dia. 77.4 MM**  
**Swept Volume 1124(3cyl.)/1499(4cyl.) ccm**

### Piston kit-Set

OEM NO.

Piston

SIZE

Comp : 35.7 Height : -2.5 Length : 70.0  
 Top Shape : Flower  
 Pin : 21.0  
 Length : 60.0

STD



### Piston Ring

OEM NO. 8-97034-609-0

NPR :

OEM Ring Groove

SIZE

Top : 2.0  
 2nd : 1.5  
 Oil : 3.5

STD



### Cylinder Liner

OEM NO.

Liner&Sleeve

SIZE

In Diameter :  
 Out Diameter :  
 Total length :  
 Flange :

STD



### Engine Bearing

MAIN : 8-97309-582-0

CON.ROD :

T/W : 5-11599-003-1

C/B :

BUSH :

SIZE

STD



### Engine Valve

OEM NO. 0150-0081

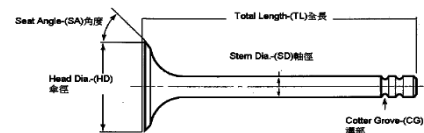
IN 32.6 7.0 95.8

OEM NO. 0150-0082

EX 28.9 7.0 95.8

SIZE

STD



### Valve Seat

OEM NO.

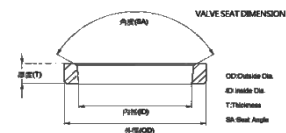
IN

OEM NO.

EX

SIZE

STD



### Valve Guide

OEM NO.

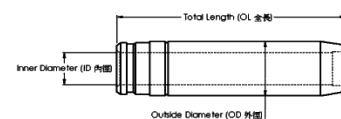
IN

OEM NO.

EX

SIZE

STD



### Gasket Set

OEM NO.



# ISUZU

## 3/4LC1

**Application :**  
**Number of Cylinders 3/4**  
**Cylinder dia. 77.4 MM**  
**Swept Volume 1731 ccm(4cyl.)**

### Piston kit-Set

OEM NO.

Piston

SIZE

Comp : 43.9 Height : -2.5 Length : 80.0  
 Top Shape : Flower  
 Pin : 25.0  
 Length : 60.0

STD



### Piston Ring

OEM NO. 8-97034-609-0

NPR :

OEM Ring Groove

SIZE

Top : 2.0  
 2nd : 1.5  
 Oil : 3.5

STD



### Cylinder Liner

OEM NO.

Liner&Sleeve

SIZE

In Diameter :  
 Out Diameter :  
 Total length :  
 Flange :

STD



### Engine Bearing

MAIN : 8-97045-389-0

CON.ROD : 8-97077-749-0

T/W : 5-11599-003-1

C/B :

BUSH :

SIZE

STD



### Engine Valve

OEM NO. 0150-0081

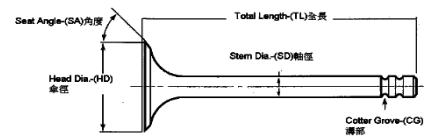
IN 32.6 7.0 95.8

OEM NO. 0150-0082

EX 28.9 7.0 95.8

SIZE

STD



### Valve Seat

OEM NO.

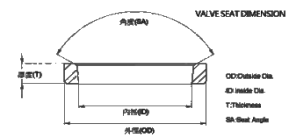
IN

OEM NO.

EX

SIZE

STD



### Valve Guide

OEM NO.

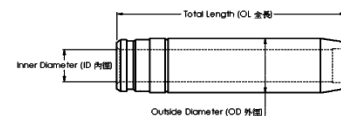
IN

OEM NO.

EX

SIZE

STD



### Gasket Set

OEM NO.



# ISUZU 3LD1

**Application :**  
**Number of Cylinders 3**  
**Cylinder dia. 83.1 MM**  
**Swept Volume 1496 ccm**

## Piston kit-Set

OEM NO.

Piston

SIZE

Comp : 43.9 Height : -2.8 Length : 80.0  
 Top Shape : Flower  
 Pin : 25.0  
 Length : 63.0

STD  
0.50



## Piston Ring

OEM NO. 8-97113-503-0  
 NPR :

OEM Ring Groove

SIZE

Top : 2.0  
 2nd : 1.75  
 Oil : 4.0

STD  
0.50



## Cylinder Liner

OEM NO.

Liner&Sleeve

SIZE

In Diameter :  
 Out Diameter :  
 Total length :  
 Flange :

STD



## Engine Bearing

MAIN : 8-97045-389-0  
 CON.ROD : 8-94156-084-0  
 T/W :  
 C/B :  
 BUSH :

SIZE

STD

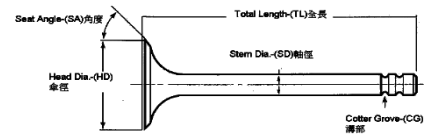


## Engine Valve

OEM NO. 8-97102-123-0  
 IN 37.0 7.0 95.8  
 OEM NO.8-97045-410-3  
 EX 31.7 7.0 95.6

SIZE

STD

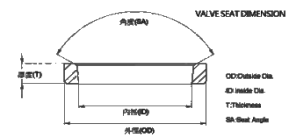


## Valve Seat

OEM NO.  
 IN  
 OEM NO.  
 EX

SIZE

STD

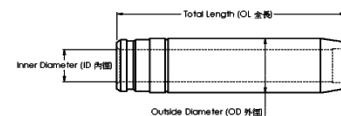


## Valve Guide

OEM NO. EGIS-24-Z  
 IN/EX 42.0 7.0 11.56

SIZE

STD



## Gasket Set

OEM NO.



**Piston kit-Set**

OEM NO. 8-97187-582-0



Piston	SIZE
Comp : 41.9 Height : -3.4 Length : 78.0 Top Shape : Flower Pin : 25.0 Length : 67.0	STD 0.50

**Piston Ring**

OEM NO.  
NPR :



OEM Ring Groove	SIZE
Top : 2.0 2nd : 1.75 Oil : 4.0	STD

**Cylinder Liner**

OEM NO.



Liner&Sleeve	SIZE
In Diameter : Out Diameter : Total length : Flange :	STD

**Engine Bearing**

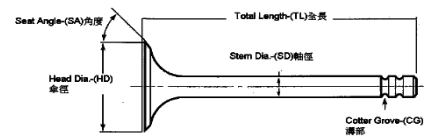
MAIN :  
CON.ROD :  
T/W :  
C/B :  
BUSH :



	SIZE
	STD

**Engine Valve**

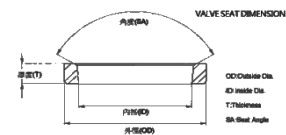
OEM NO. 8-97102-123-0  
IN 37.0 7.0 95.8  
OEM NO.8-97045-410-3  
EX 31.7 7.0 95.6



	SIZE
	STD

**Valve Seat**

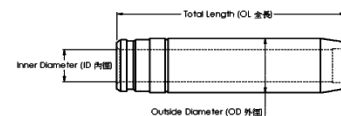
OEM NO.  
IN  
OEM NO.  
EX



	SIZE
	STD

**Valve Guide**

OEM NO. EGIS-24-Z  
IN/EX 42.0 7.0 11.56



	SIZE
	STD

**Gasket Set**

OEM NO.



# ISUZU 4LE2

**Application :**  
**Number of Cylinders 4**  
**Cylinder dia. 85.0 MM**  
**Swept Volume 2179 ccm**

## Piston kit-Set

OEM NO. 8-97122-638-0 / 8-97232-604-0



Piston	SIZE
Comp : 41.5 Height : -15.0 Length : 77.4 MOS2 Top Shape : Ø42.3 Pin : 25.0 Length : 67.0	STD 0.50

## Piston Ring

OEM NO.  
NPR :



OEM Ring Groove	SIZE
Top : 2.0 2nd : 1.75 Oil : 4.0	STD 0.50

## Cylinder Liner

OEM NO.



Liner&Sleeve	SIZE
In Diameter : Out Diameter : Total length : Flange :	STD

## Engine Bearing

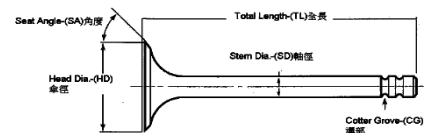
MAIN : 8-97007-785-0  
CON.ROD :  
T/W :  
C/B :  
BUSH :



	SIZE
	STD

## Engine Valve

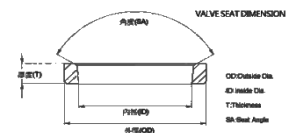
OEM NO. 8-97102-123-0  
IN 37.0 7.0 95.8  
OEM NO.8-97045-410-3  
EX 31.7 7.0 95.6



	SIZE
	STD

## Valve Seat

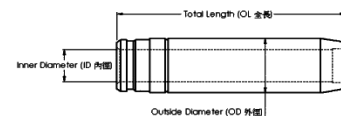
OEM NO.  
IN  
OEM NO.  
EX



	SIZE
	STD

## Valve Guide

OEM NO. EGIS-24-Z  
IN/EX 42.0 7.0 11.56



	SIZE
	STD

## Gasket Set

OEM NO.

