GUIDE

e.g. TY 0822 01 D AG

① ② ③ ④ ⑤ ⑥

①MAKES OF VEHICLES/ ENGINES

DW	**= DAEWOO**	**MA**	**= MAZDA**
HN	**= HINO**	**MD**	**= MITSUBISHI**
HD	**= HYUNDAI**	**NS**	**= NISSAN**
IU	**= ISUZU**	**PK**	**= PERKINS**
KA	**= KIA**	**SY**	**= SSANGYONG**
KT	**= KOMATSU**	**TY**	**= TOYOTA**
KB	**= KUBOTA**	**YM**	**= YANMAR**

② NUMBER OF CYLINDERS(FOR GASOLINE ENGINES)

3= 3 cyls. 4= 4 cyls. 5= 5 cyls. 6= 6cyls. 8= 8 cyls.

③ BORE DIAMETER

0822=82.2mm 104=104mm

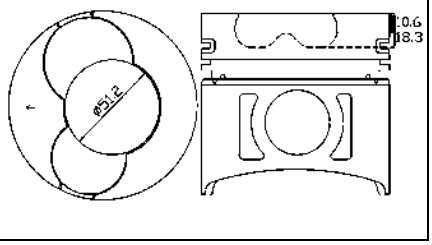
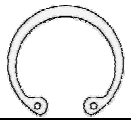
④ SERIES NUMBER

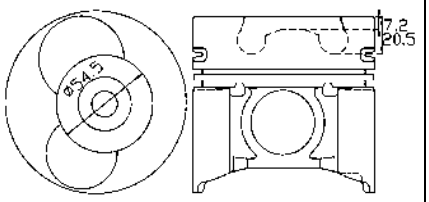
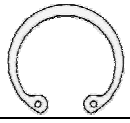
⑤ DESCRIPTION OF ENGINE

D= DIESEL ENGINE G= GASOLINE ENGINE

⑥DESCRIPTION OF PISTON

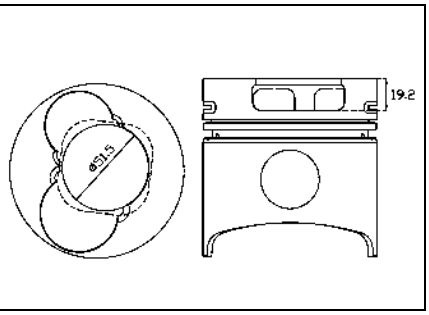
A= ALFIN B= BUSHING G= OIL GALLERY

Engine Model	CTM No.	Length	Rings	Pin	
DB33	DW10201DA	98.1	top 3.0 2nd 2.5	35*87	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 102mm 4 Cyl. cc		58.9	oil 5.0	RTW=35 	

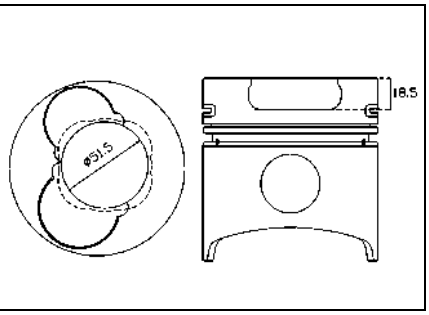
Engine Model	CTM No.	Length	Rings	Pin	
DB58	DW10202DA	98.0	top 3.0DK 2nd 2.5	36*87	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 102mm 4 Cyl. cc	62.02501-6561	58.8	oil 4.0	RTW=36 	

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

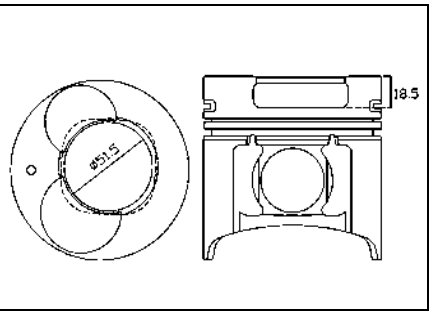
Engine Model	CTM No.	Length	Rings	Pin
W04D	HN10401DA	106.2	top 2.5 2nd 2.0	35*85
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 104mm 4 Cyl. 4,009cc	13211-1801 13216-1460/E	60.2	oil 5.0	RTW=35



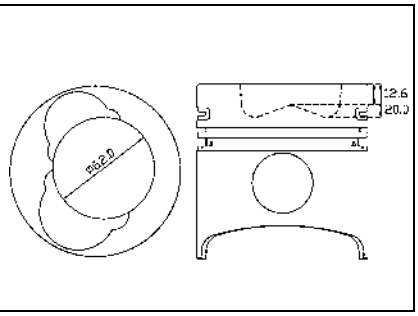
Engine Model	CTM No.	Length	Rings	Pin
W06D	HN10401DA-6	108.7	top 2.5 2nd 2.0	35*85
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 104mm 6 Cyl. 5,759cc	13216-1470/D/E	62.6	oil 5.0	RTW=35



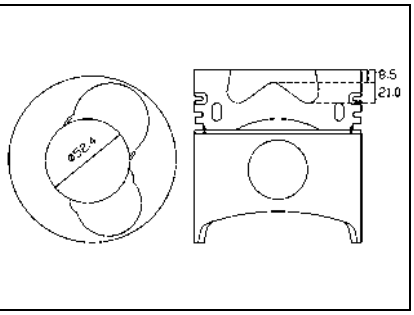
Engine Model	CTM No.	Length	Rings	Pin
W04DT	HN10404DA	106.2	top 2.5 2nd 2.0	37*85
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 104mm 4 Cyl. 4,009cc	13216-3201	60.2	oil 4.0	RTW=37



Engine Model	CTM No.	Length	Rings	Pin
W04DT	HN10405DA	106.2	top 3.0DK 2nd 2.5	37*85
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 104mm 4 Cyl. 4,009cc	13216-2390	60.2	oil 5.0	RTW=37



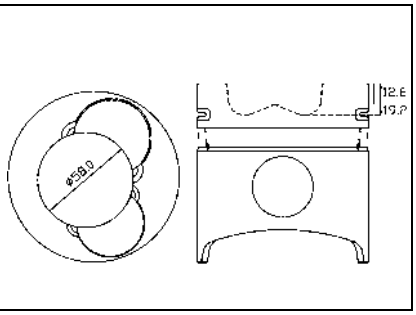
Engine Model	CTM No.	Length	Rings	Pin
W04CT	HN10406DAG	108.7	top 3.0DK 2nd 2.5	37*85
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 104mm 4 Cyl. 4,009cc	13216-2210	62.7	oil 4.0	RTW=37



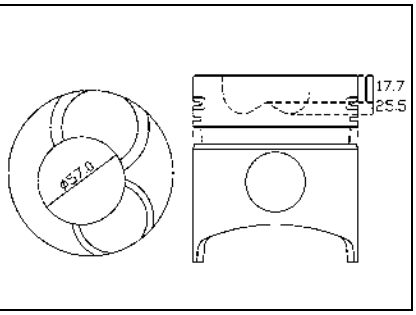
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

For HINO engines

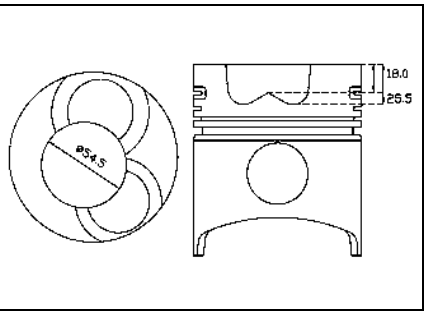
Engine Model	CTM No.	Length	Rings	Pin
W04CT	HN10407DA	108.7	top 3.0DK 2nd 2.5	37*85
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 104mm 4 Cyl. 4,009cc	13216-1982	62.7	oil 5.0	RTW=37



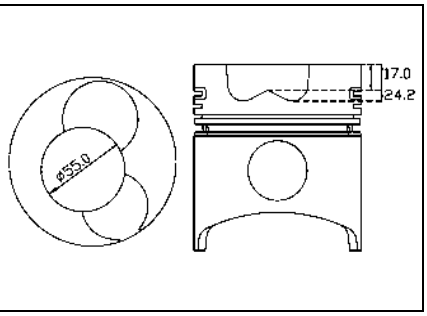
Engine Model	CTM No.	Length	Rings	Pin
H06C	HN10802DA	121.5	top 3.0DK 2nd 2.5	39*90
	OEM No.	Comp. Dist.	3rd 2.5	Clip
Cyl. Dia: 108mm 6 Cyl. 6,485cc	13216-1540/B	69.5	oil 5.0	RTW=39



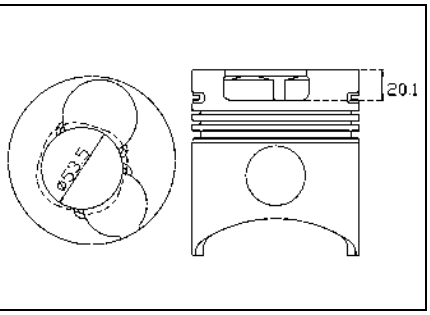
Engine Model	CTM No.	Length	Rings	Pin
H06CT	HN10805DA	121.5	top 3.0DK 2nd 2.5	39*90
	OEM No.	Comp. Dist.	3rd 2.5	Clip
Cyl. Dia: 108mm 6 Cyl. 6,485cc	13216-1810/A	69.5	oil 5.0	RTW=39



Engine Model	CTM No.	Length	Rings	Pin
EH700	HN11001DA	121.4	top 3.0 2nd 2.5	39*90
	OEM No.	Comp. Dist.	3rd 2.5	Clip
Cyl. Dia: 110mm 6 Cyl. 6,443cc	13211-1471 13216-1180/1	69.4	oil 5.0	RTW=39

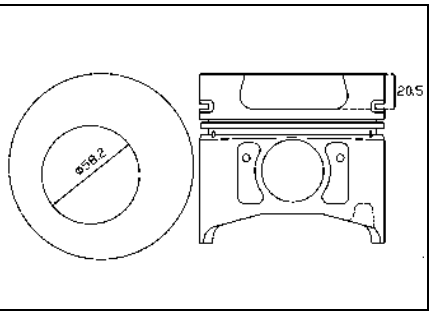


Engine Model	CTM No.	Length	Rings	Pin
H07C	HN11002DA	121.5	top 3.0 2nd 2.5	39*90
	OEM No.	Comp. Dist.	3rd 2.5	Clip
Cyl. Dia: 110mm 6 Cyl. 6,728cc	13216-1771 13216-2300	69.5	oil 5.0	RTW=39

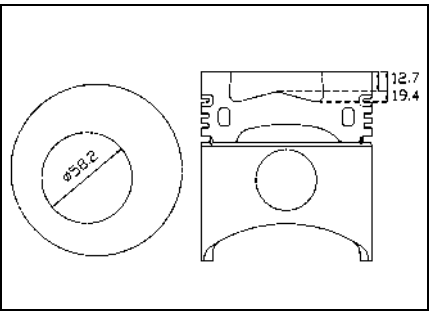


About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

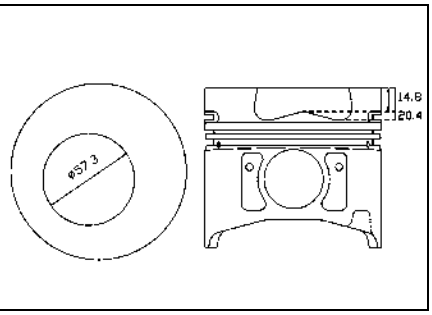
Engine Model	CTM No.	Length	Rings	Pin
H07D	HN11003DA	100.0	top 3.0 2nd 2.0	37*85
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 110mm 6 Cyl. 7,412cc	13216-2260	57.0	oil 4.0	RTW=37



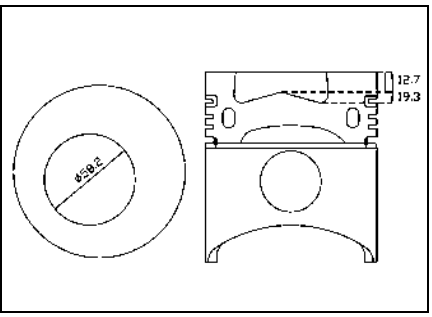
Engine Model	CTM No.	Length	Rings	Pin
H07CT	HN11008DAG	121.4	top 3.0DK 2nd 2.0	39*90
	OEM No.	Comp. Dist.	3rd 2.5	Clip
Cyl. Dia: 110mm 6 Cyl. 6,728cc	13216-2062	69.4	oil 4.0	RTW=39



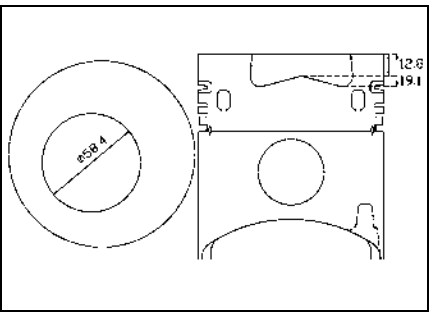
Engine Model	CTM No.	Length	Rings	Pin
H07DT	HN11009DA	100.0	top 3.0 2nd 2.0	37*85
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 110mm 6 Cyl. 7,412cc	13216-1980	57.0	oil 4.0	RTW=37



Engine Model	CTM No.	Length	Rings	Pin
H07CT NEW	HN1100BDAG	121.4	top 3.0DK 2nd 2.0	39*90
	OEM No.	Comp. Dist.	3rd 2.0	Clip
Cyl. Dia: 110mm 6 Cyl. 6,728cc	13216-2740	69.4	oil 4.0	RTW=39

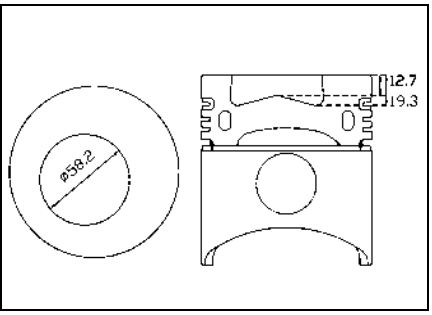


Engine Model	CTM No.	Length	Rings	Pin
H07CA NEW	HN1100CDAG	121.4	top 3.0DK 2nd 2.0	39*90
	OEM No.	Comp. Dist.	3rd 2.5	Clip
Cyl. Dia: 110mm 6 Cyl. 6,728cc	13216-2152	69.4	oil 4.0	RTW=39

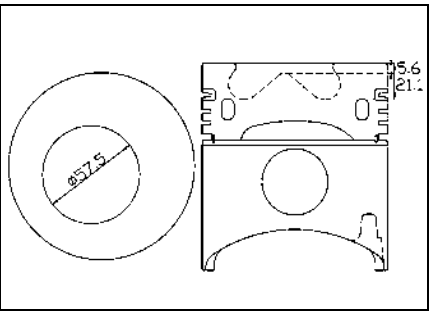


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D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

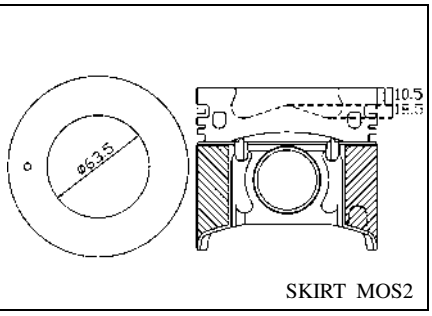
Engine Model	CTM No.	Length	Rings	Pin
H07CT NEW	HN1100DDAG	121.4	top 3.0DK 2nd 2.0	39*90
	OEM No.	Comp. Dist.	3rd 2.0	Clip
Cyl. Dia: 110mm 6 Cyl. 6,728cc	13216-2830	69.4	oil 4.0	RTW=39



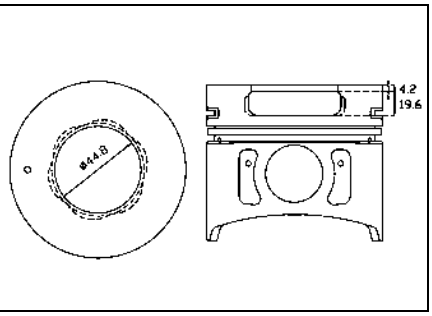
Engine Model	CTM No.	Length	Rings	Pin
H07CT	HN1100EDAG	121.4	top 3.0DK 2nd 2.0	39*90
	OEM No.	Comp. Dist.	3rd 2.0	Clip
Cyl. Dia: 110mm 6 Cyl. 6,728cc	13216-2760	69.4	oil 4.0	RTW=39



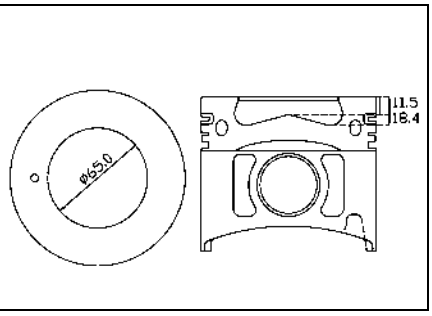
Engine Model	CTM No.	Length	Rings	Pin
J08E	HN11201DABG	100.0	top 2.5 2nd 2.0	37*84.5
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 112mm 6 Cyl. 7,684cc	S130A-E0100 S130B-E0390	56.9	oil 4.0	RTW=37



Engine Model	CTM No.	Length	Rings	Pin
J05C 4Cyl. 5,307cc **J07C**	HN11401DA	100.0	top 3.0 2nd 2.0	37*84.5
	OEM No.	Comp. Dist.		Clip
5Cyl. 6,634cc **J08C** 6Cyl. 7,961cc Cyl. Dia: 114mm	13216-2631	57.1	oil 4.0	RTW=37

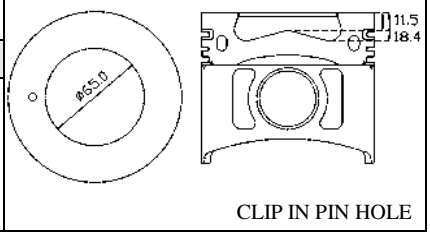


Engine Model	CTM No.	Length	Rings	Pin
J05CT 4Cyl. 5,307cc	HN11402DABG	100.0	top 2.5 2nd 2.0	37*85
J07CT	OEM No.	Comp. Dist.		Clip
5Cyl. 6,634cc **J08CT** 6Cyl. 7,961cc Cyl. Dia: 114mm	13306-1080 13306-1030	57.0	oil 4.0	RTW=41



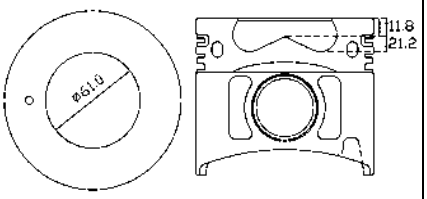
About engines	About pistons	About rings
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Engine Model	CTM No.	Length	Rings	Pin
J08CT	HN11402DABG-1	100.0	top 2.5 2nd 2.0	37*85
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 114mm 6 Cyl. 7,961cc	13306-1200 S130A-E0080	57.0	oil 4.0	RTW=37

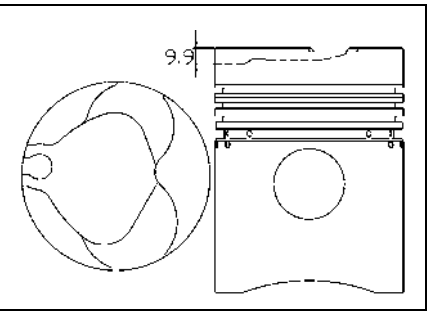


CLIP IN PIN HOLE

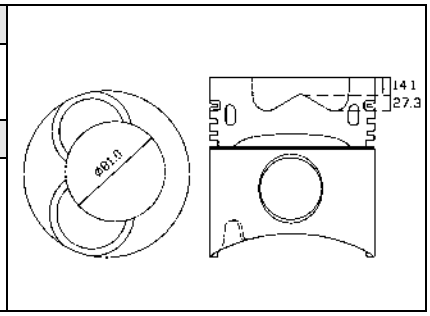
Engine Model	CTM No.	Length	Rings	Pin
J08CT	HN11404DABG	100.0	top 2.5 2nd 2.0	37*85
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 114mm 6 Cyl. 7,961cc	13306-1012	57.0	oil 4.0	RTW=37



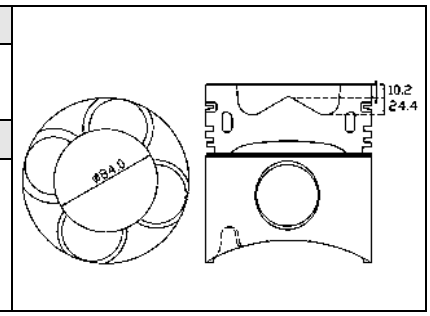
Engine Model	CTM No.	Length	Rings	Pin
EB300	HN12001DA	155.4	top 3.5 2nd 3.5	50*100
	OEM No.	Comp. Dist.	3nd 3.5	Clip
Cyl. Dia: 120mm 6 Cyl. 9,838cc	13216-1110 13216-1110A 2334-1961-00	86.5	oil 6.0	RTW=45



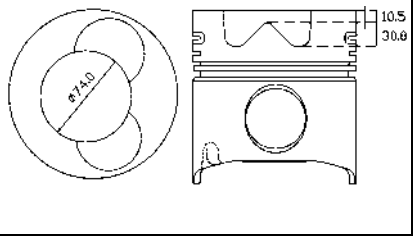
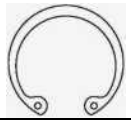
Engine Model	CTM No.	Length	Rings	Pin
K13C-12V	HN13501DAG	145.3	top 3.5DK 2nd 3.5	50*110
	OEM No.	Comp. Dist.	3rd 3.5	Clip
Cyl. Dia: 135mm 6 Cyl. 12,882cc	13216-2140	90.3	oil 5.0	RTW=50

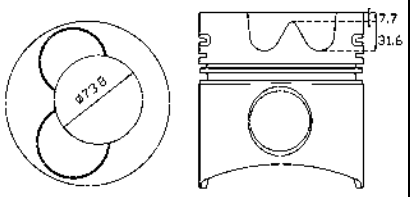
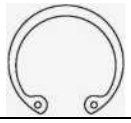


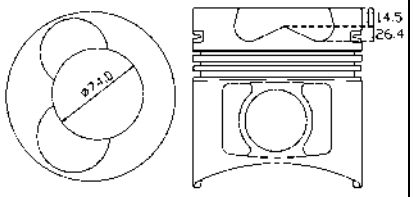
Engine Model	CTM No.	Length	Rings	Pin
K13C-24V	HN13502DAG	145.3	top 3.5DK 2nd 3.5	50*110
	OEM No.	Comp. Dist.	3rd 3.5	Clip
Cyl. Dia: 135mm 6 Cyl. 12,882cc	13216-2330	90.3	oil 5.0	RTW=50



About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

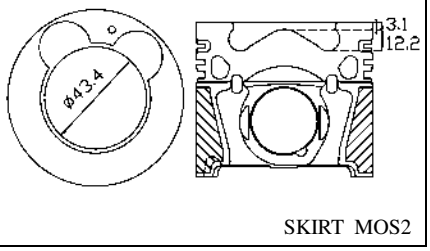
Engine Model	CTM No.	Length	Rings	Pin	
EF750(L/R) Cyl. Dia: 137mm 8 Cyl. 16,745cc	HN13701DA	144.3	top 3.5DK 2nd 3.5 3rd 3.5 oil 6.0	50*110	
	OEM No.	Comp. Dist.		Clip	
	13216-1860 13226-1170 (L/R)	90.3		RTW=50	

Engine Model	CTM No.	Length	Rings	Pin	
EK100 **EK200** Cyl. Dia: 137mm 6 Cyl. 13,267cc	HN13701DA-6	145.3	top 3.3DK 2nd 3.5 3rd 3.5 oil 6.0	50*110	
	OEM No.	Comp. Dist.		Clip	
	13211-1900 13216-1220A 13216-1222/4 13216-1530/1900	90.2		RTW=50	

Engine Model	CTM No.	Length	Rings	Pin	
K13D Cyl. Dia: 137mm 6 Cyl. 13,267cc	HN13703DA	144.3	top 3.3DK 2nd 2.5 3rd 2.5 oil 5.0	50*110	
	OEM No.	Comp. Dist.		Clip	
	13216-2440 13216-2470	90.5		RTW=50	

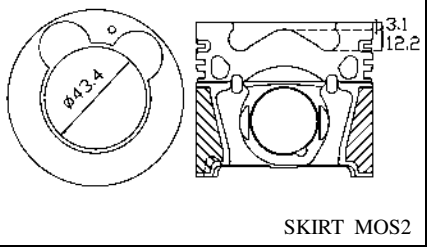
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin
GETZ 1.1 CRDI	HD07501DAG	65.7	top 1.8 2nd 1.8	28*60
D3FA	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 75mm 3 Cyl. 1,119cc		42.0	oil 3.0	1.5*31.5



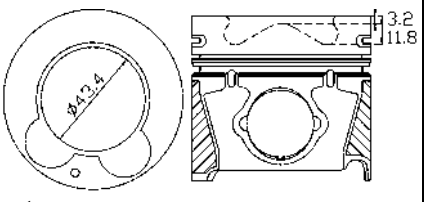
SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
GETZ MATRIX 1.5 CRDI	HD07501DAG	65.7	top 1.8 2nd 1.8	28*60
D4FA	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 75mm 4 Cyl. 1,493cc	23410-2A901/11 23410-2A921/31 23410-2A941	42.0	oil 3.0	1.5*31.5



SKIRT MOS2

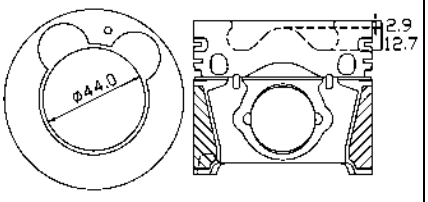
Engine Model	CTM No.	Length	Rings	Pin
GETZ、I20 (2008-)	HD07502DAG	65.7	top 1.8 2nd 1.8	28*62
D4FC CRDi	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 75mm 4 Cyl. 1,396cc	23410-2A950/1/2	42.0	oil 3.0	1.5*31.5



2nd RING LAND
ANODIZED

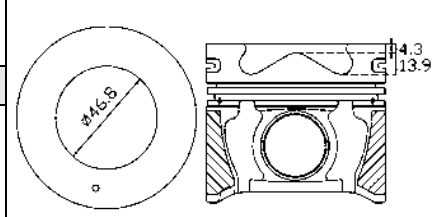
SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
I30 1.6 CRDI	HD077201DAG	65.7	top 1.8 2nd 1.8	28*62
D4FB	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 77.2mm 4 Cyl. 1,582cc	23410-2A961/2 23410-2A963/4 23410-2A965	42.0	oil 3.0	1.5*31.5



SKIRT MOS2

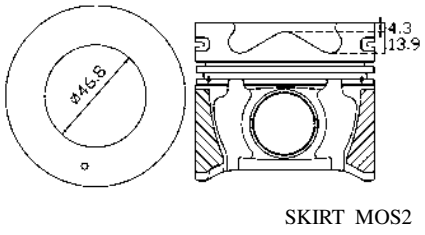
Engine Model	CTM No.	Length	Rings	Pin
ACCENT、GETZ MATRIX 1.5 CRDI	HD08301DAB	72.3	top 2.0DK 2nd 2.0	28*65.5
D3EA	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 83mm 3 Cyl. 1,493cc	23410-27901/3/4 23410-27921/3/4	46.3	oil 3.0	1.5*31.5



SKIRT MOS2

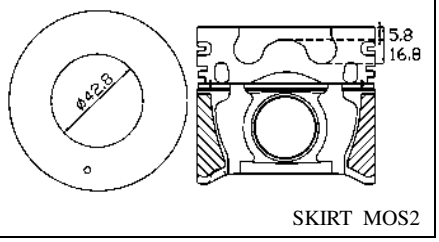
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin
ELANTRA、SANTA FE 2.0 CRDI	HD08301DAB	72.3	top 2.0DK 2nd 2.0	28*65.5
	OEM No.	Comp. Dist.		Clip
D4EA Cyl. Dia: 83mm 4 Cyl. 1,991cc	23410-27901/3/4 23410-27921/3/4	46.3	oil 3.0	1.5*31.5



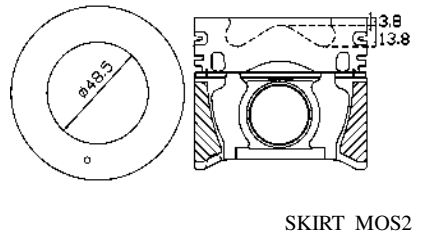
SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
D4EA NEW	HD08302DABG	72.3	top 2.0DK 2nd 2.0	28*65.5
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 83mm 4 Cyl. 1,991cc	23410-27930	46.3	oil 3.0	1.5*31.5



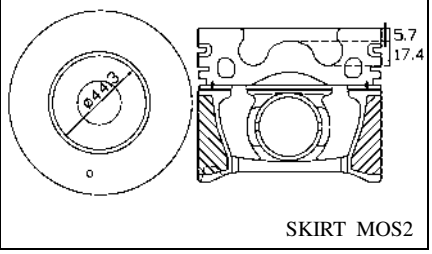
SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
SANTA FE	HD08304DABG	72.3	top 2.0DK 2nd 2.0	28*65.5
D4EA	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 83mm 4 Cyl. 1,991cc	23410-27910	46.3	oil 3.0	1.5*31.5



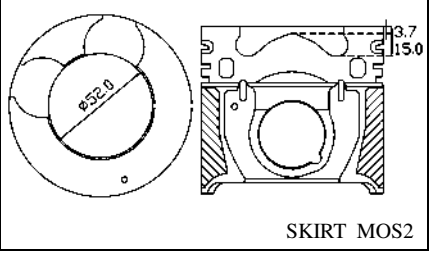
SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
SANTA FE 2.2 CRDI	HD08701DABG	72.3	top 2.5DK 2nd 2.0	28*72
D4EB-F **D4EB-G**	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 87mm 4 Cyl. 2,188cc	23410-27940/1/2 23410-27943/4	46.3	oil 3.0	1.5*31.5



SKIRT MOS2

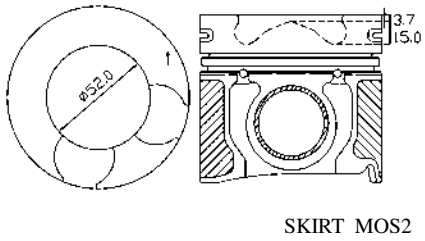
Engine Model	CTM No.	Length	Rings	Pin
PORTERII H1、H100 (2002-)	HD09101DAG	83.7	top 2.5HK 2nd 2.0	33*75
	OEM No.	Comp. Dist.		Clip
D4CB CRDi Cyl. Dia: 91mm 4 Cyl. 2,497cc	23410-4A900/1/2 23410-4A910/1/2 23410-4A913/4	54.2	oil 3.0	2.0*37



SKIRT MOS2

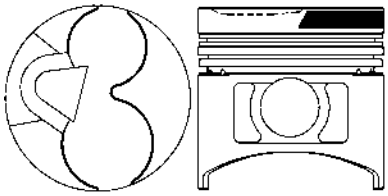
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin
H1 (2007-2008) **D4CB TCi (VGT)** Cyl. Dia: 91mm 4 Cyl. 2,497cc	HD09102DABG	83.7	top 2.5HK 2nd 2.0 oil 3.0	33*74
	OEM No.	Comp. Dist.		Clip
	23410-4A920/1/2 23410-4A940/1/2	54.2		2.0*37

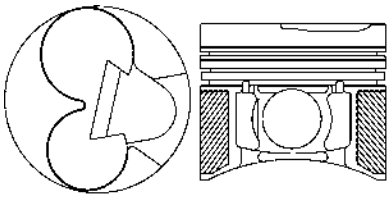


SKIRT MOS2

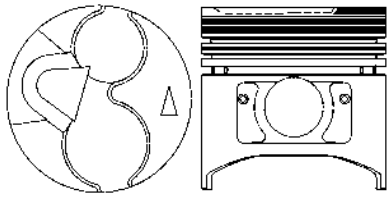
Engine Model	CTM No.	Length	Rings	Pin
H100、PORTER **D4BA** Cyl. Dia: 91.1mm 4 Cyl. 2,476cc	HD091100DA	88.7	top 2.0 2nd 2.0 oil 3.0	29*75
	OEM No.	Comp. Dist.		Clip
	23410-42201 23410-42211 23410-42221	48.7 -2.2 -3.5		1.6*32



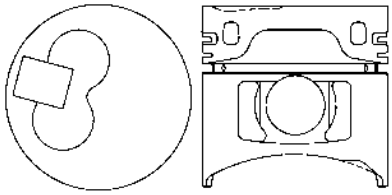
Engine Model	CTM No.	Length	Rings	Pin
D4BB Cyl. Dia: 91.1mm 4 Cyl. 2,607cc	HD091101DA	76.2	top 2.0 2nd 2.0 oil 3.0	29*75
	OEM No.	Comp. Dist.		Clip
	23410-42202 23410-42701 23410-42711 23410-42721	46.2 -2.2 -3.4		1.6*32


SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
D4BF Cyl. Dia: 91.1mm 4 Cyl. 2,476cc	HD091102DA	88.7	top 2.5HK 2nd 2.0HK oil 4.0	29*75
	OEM No.	Comp. Dist.		Clip
	23410-42850 23410-42860 23410-42870	48.7 -2.3 -2.6		1.8*33

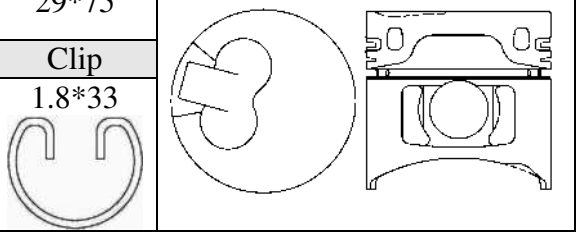


Engine Model	CTM No.	Length	Rings	Pin
D4BH(L/R) Cyl. Dia: 91.1mm 4 Cyl. 2,476cc	HD091105DAG	88.7	top 2.5HK 2nd 2.0HK oil 4.0	29*75
	OEM No.	Comp. Dist.		Clip
	23410-425/600 (1+3) 23410-42520 23410-42630 (2+4)	48.7 -1.2 -2.7		1.8*33

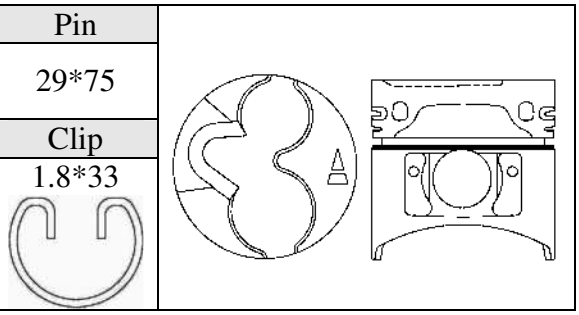


About engines	About pistons	About rings
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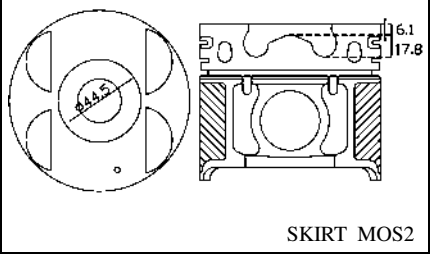
Engine Model	CTM No.	Length	Rings	Pin
D4BH TCi (L/R)	HD091106DAG	88.7	top 2.5HK 2nd 2.0HK	29*75
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 91.1mm 4 Cyl. 2,476cc	23410-42540 23410-42544 (L/R)	48.7 -1.3 -2.7	oil 4.0	1.8*33



Engine Model	CTM No.	Length	Rings	Pin
(2001-2004) **D4BH (L/R)**	HD091107DAG	88.7	top 2.5HK 2nd 2.0HK	29*75
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 91.1mm 4 Cyl. 2,476cc	23411-4260/1/20 (1+3) 23411-4263/4/50 (2+4)	48.7 -2.6 -3.0	oil 4.0	1.8*33

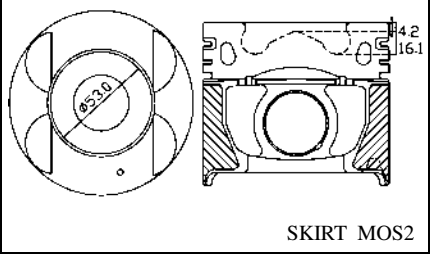


Engine Model	CTM No.	Length	Rings	Pin
TERRACAN 2003-2006 **J3 TCi**	HD097101DAG	84.0	top 2.0HK 2nd 2.0	32*78
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 97.1mm 4 Cyl. 2,902cc	23410-4X900 23410-4X910	52.0	oil 3.0	RTW=32



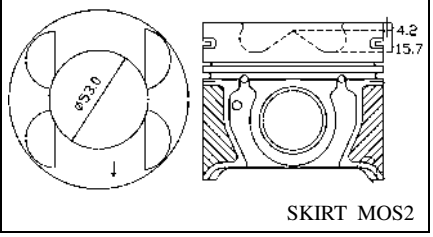
SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
TERRACAN (2003-2006) **J3 TCi**	HD097102DAG	84.1	top 2.5HK 2nd 2.0	32*78
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 97.1mm 4 Cyl. 2,902cc	23410-4X940/1 23410-4X942/3	52.1	oil 3.0	1.8*36



SKIRT MOS2

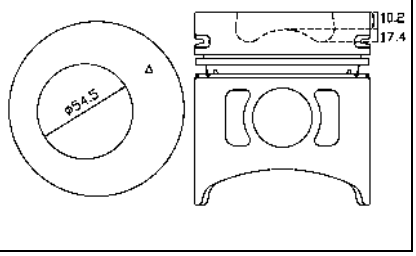
Engine Model	CTM No.	Length	Rings	Pin
J3 CRDi	HD097104DABG	84.2	top 2.5HK 2nd 2.0	32*81
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 97.1mm 4 Cyl. 2,902cc	23410-4X950/1 23410-4X952/3	52.2	oil 3.0	1.8*36



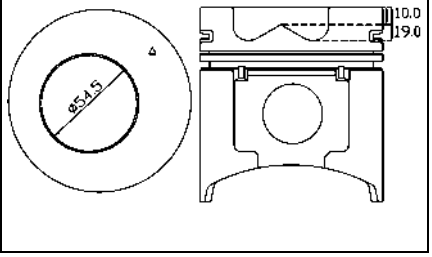
SKIRT MOS2

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin
D4AE **D4AL** Cyl. Dia: 100mm 4 Cyl. 3,298cc	HD10001DA	110.7	top 3.0DK 2nd 2.0	34*84
	OEM No.	Comp. Dist.		Clip
	23410-41410 23411-41410 23411-41430 23411-41700	60.7	oil 4.0	RTW=34

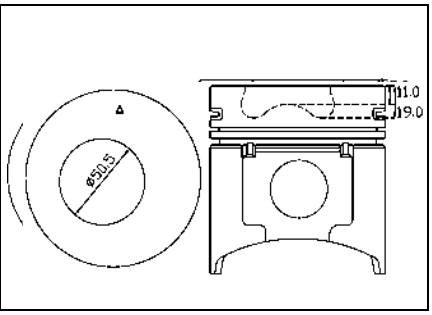


Engine Model	CTM No.	Length	Rings	Pin
K-1 **D4AF** Cyl. Dia: 104mm 4 Cyl. 3,568cc	HD10401DA	110.7	top 3.0HK 2nd 2.0	34*84
	OEM No.	Comp. Dist.		Clip
	23410-41200 23411-41200	60.7	oil 4.0	RTW=34

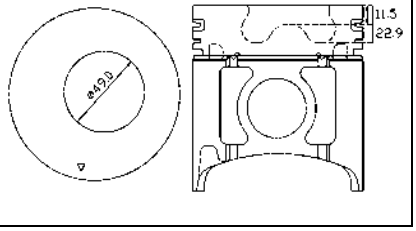


Engine Model	CTM No.	Length	Rings	Pin
HD65、HD72 **D4DA** Cyl. Dia: 104mm 4 Cyl. 3,907cc	HD10402DAG	112.2	top 3.0DK 2nd 2.0	36*88
	OEM No.	Comp. Dist.		Clip
	23410-45000 23411-45000	62.2	oil 4.0	RTW=36

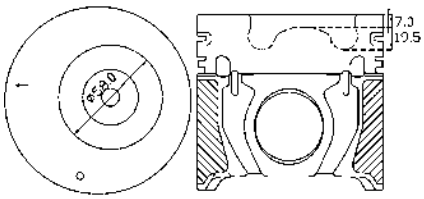
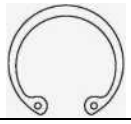
Engine Model	CTM No.	Length	Rings	Pin
D4AF NEW Cyl. Dia: 104mm 4 Cyl. 3,568cc	HD10403DA	110.7	top 3.0HK 2nd 2.0	34*84
	OEM No.	Comp. Dist.		Clip
	23410-41210 23411-41210	60.7	oil 4.0	RTW=34



Engine Model	CTM No.	Length	Rings	Pin
D4DA NEW Cyl. Dia: 104mm 4 Cyl. 3,907cc	HD10404DAG	112.2	top 3.0DK 2nd 2.0	36*88
	OEM No.	Comp. Dist.		Clip
	23411-45050	62.2	oil 4.0	RTW=36

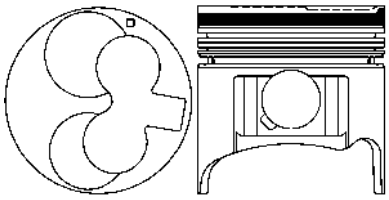


About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

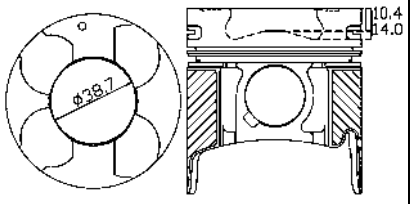
Engine Model	CTM No.	Length	Rings	Pin	
D4DD Cyl. Dia: 104mm 4 Cyl. cc	HD10405DAG	97.2	top 2nd 2.0 oil 3.0	38*87	
	OEM No.	Comp. Dist.		Clip	
		62.2		RTW=38 	SKIRT MOS2

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin
4EE1	IU07902DA	79.7	top 2.0 2nd 1.5	25*60
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 79mm 4 Cyl. 1,686cc	8-97129-437-0 8-97129-437-1 8-97129-437-2	39.7 -0.5 -1.7	oil 3.0	1.6*28

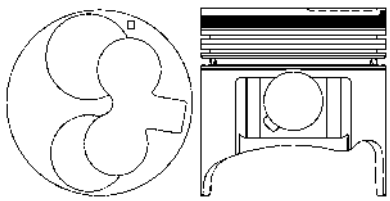


Engine Model	CTM No.	Length	Rings	Pin
4EE1T NEW	IU07903DA	84.0	top 2.0 2nd 1.5	27*64
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 79mm 4 Cyl. 1,686cc	8-97188-927-2	39.7	oil 3.0	1.8*31

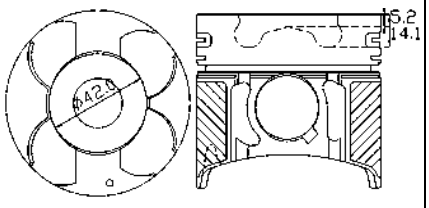


SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
4EE1 NEW	IU07904DA	79.7	top 2.0 2nd 1.5	25*60
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 79mm 4 Cyl. 1,686cc	8-97142-379-0	39.7 -0.4 -1.2	oil 3.0	1.6*28

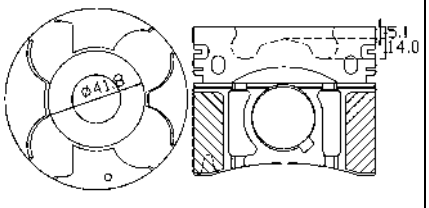


Engine Model	CTM No.	Length	Rings	Pin
4EE1T NEW	IU07905DA	74.0	top 2.0 2nd 1.5	27*64
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 79mm 4 Cyl. 1,686cc	8-97300-110-0 S623199/200 S623201/83 S623284/85	39.8	oil 3.0	1.6*30



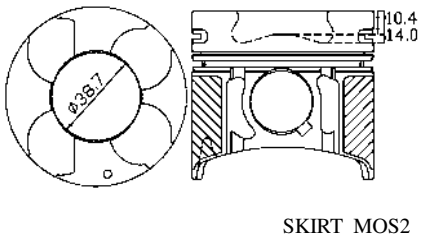
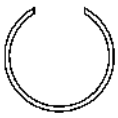
SKIRT MOS2

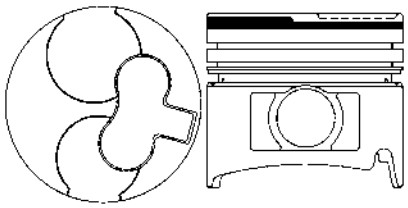
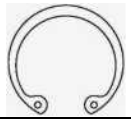
Engine Model	CTM No.	Length	Rings	Pin
4EE2 CDTi	IU07906DAG	64.7	top 2.0 2nd 1.5	27*64
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 79mm 4 Cyl. 1,686cc	8-97329-296-1	39.7	oil 3.0	1.6*30



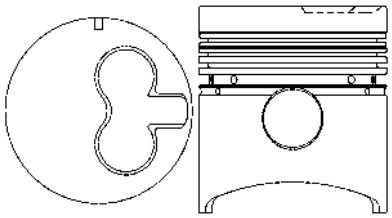
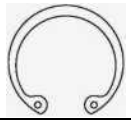
SKIRT MOS2

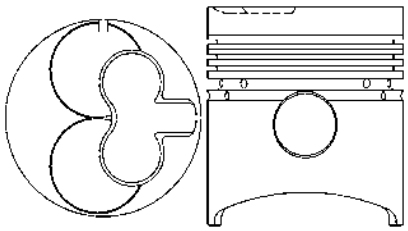
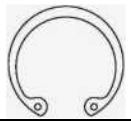
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
4EE2	IU07907DA	74.0	top 2.0 2nd 1.5	27*64	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 79mm 4 Cyl. 1,686cc		39.8	oil 3.0	1.6*30 	SKIRT MOS2

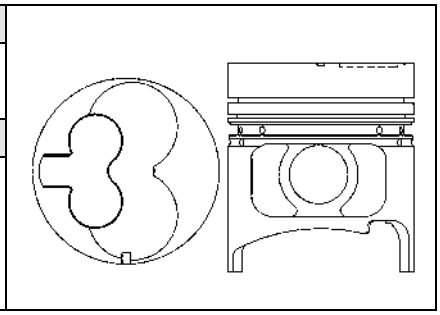
Engine Model	CTM No.	Length	Rings	Pin	
4FB1	IU08401D	74.8	top 2.5 2nd 2.0	25*67	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 84mm 4 Cyl. 1,817cc	8-94201-492-0 8-94228-886-2 8-94235-962-0	44.7 -1.8	oil 4.0	RTW=25 	

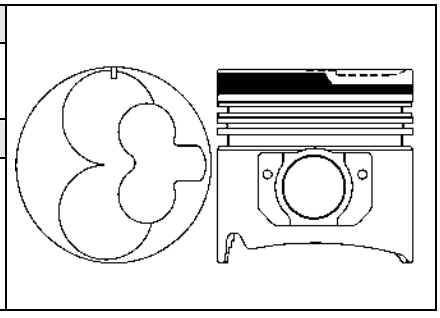
Engine Model	CTM No.	Length	Rings	Pin	
4FC1	IU08402D		top 2nd		
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 84mm 4 Cyl. cc	8-94111-655-1 8-94228-877-0 8-94228-877-1		oil		

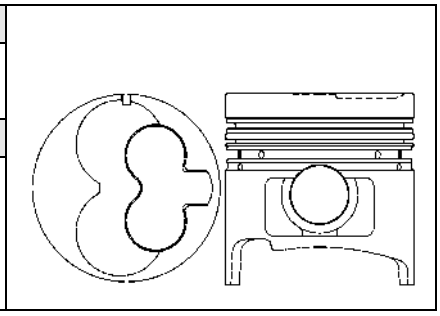
Engine Model	CTM No.	Length	Rings	Pin	
C240 4RINGS EARLY	IU08601D IU08601DA	95.5	top 2.0 2nd 2.0 3rd 2.0	27*72	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 86mm 4 Cyl. 2,369cc	5-12111-064-0 9-12111-813-0 5-12411-064-0	51.5 -3.2	oil 5.0	RTW=27 	

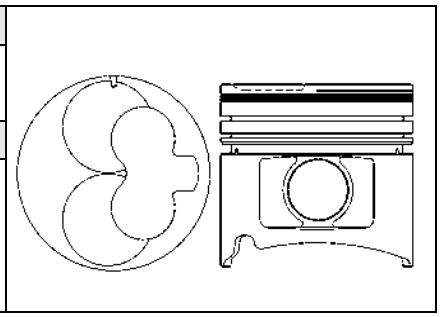
Engine Model	CTM No.	Length	Rings	Pin	
C240 4RINGS	IU08602D IU08602DA	95.5	top 2.0 2nd 2.0 3rd 2.0	27*72	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 86mm 4 Cyl. 2,369cc	5-12111-119-0 5-12111-137-0 5-12111-202-0 5-12111-203-0	51.5 -3.2	oil 5.0	RTW=27 	

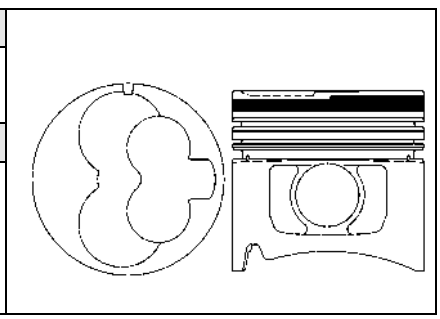
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
C240 3 RINGS 2,369cc	IU08603D	96.7	top 2.5 2nd 2.0	27*68	
C190 3 RINGS 1,951cc	OEM No.	Comp. Dist.		Clip	
	5-12111-225-0 5-12111-226-0	51.7 -1.9	oil 5.0	RTW=27	
Cyl. Dia: 86mm 4 Cyl.					

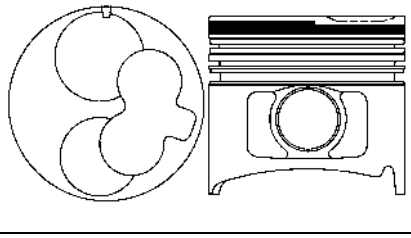
Engine Model	CTM No.	Length	Rings	Pin	
C240 3 RINGS NEW	IU08604DA	84.5	top 2.5 2nd 2.0	27*68	
	OEM No.	Comp. Dist.		Clip	
	8-94326-225-0	51.5 -0.3 -2.5	oil 5.0	RTW=27	
Cyl. Dia: 86mm 4 Cyl. 2,369cc					

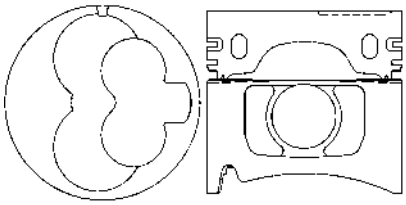
Engine Model	CTM No.	Length	Rings	Pin	
C223 EARLY	IU08801D IU08801DA	90.0	top 2.5 2nd 2.0	27*68	
	OEM No.	Comp. Dist.		Clip	
	5-12111-212-0	47.5 -2.3	oil 4.5	RTW=27	
Cyl. Dia: 88mm 4 Cyl. 2,238cc					

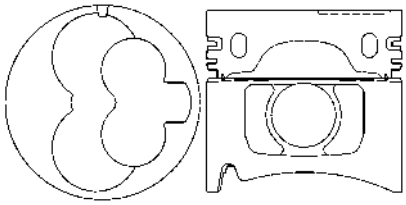
Engine Model	CTM No.	Length	Rings	Pin	
C223 NEW	IU08802D IU08802DA	82.4	top 2.0 2nd 2.0	27*68	
	OEM No.	Comp. Dist.		Clip	
	8-94250-729-0	47.6 -2.6	oil 4.0	RTW=27	
Cyl. Dia: 88mm 4 Cyl. 2,238cc					

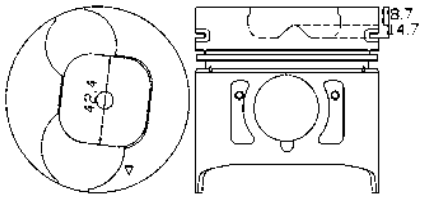
Engine Model	CTM No.	Length	Rings	Pin	
C223T	IU08803DA	82.6	top 2.5 2nd 2.0	29*68	
	OEM No.	Comp. Dist.		Clip	
	8-94118-826-0	47.6 -0.2 -1.8	oil 4.0	RTW=29	
Cyl. Dia: 88mm 4 Cyl. 2,238cc					

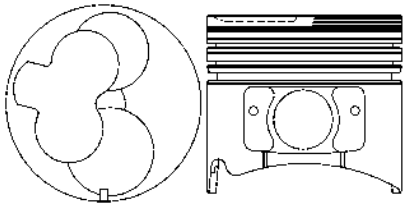
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
4FD1	IU08804DA	80.6	top 2.0 2nd 2.0	27*68	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 88mm 4 Cyl. 2,189cc	8-94105-454-0	46.7 -0.5 -2.3	oil 4.0	RTW=27	

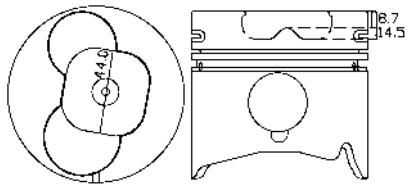
Engine Model	CTM No.	Length	Rings	Pin	
C223T	IU08805DAG	82.8	top 2.5 2nd 2.0	29*68	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 88mm 4 Cyl. 2,238cc	8-94250-181-0	47.7 -0.2 -1.8	oil 4.0	RTW=29	

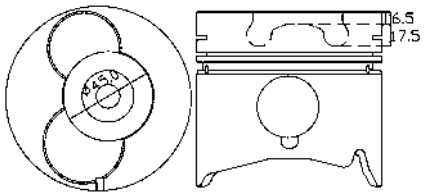
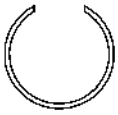
Engine Model	CTM No.	Length	Rings	Pin	
C223T NEW	IU08806DAG	82.6	top 2.5HK 2nd 2.0	29*68	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 88mm 4 Cyl. 2,238cc	8-94170-488-1 8-94468-507-0	47.6 -0.1 -1.9	oil 4.0	RTW=29	

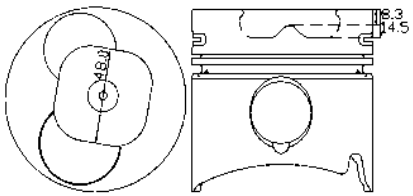
Engine Model	CTM No.	Length	Rings	Pin	
4JC1	IU08807DA	87.7	top 2.0 2nd 2.0	31*71	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 88mm 4 Cyl. 2,238cc	8-94253-736-0 8-94335-619-0	47.8	oil 4.0	RTW=31	

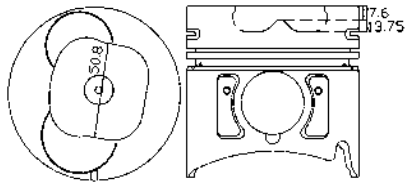
Engine Model	CTM No.	Length	Rings	Pin	
4FG1	IU089301DA	80.7	top 2.0 2nd 2.0	27*68	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 89.3mm 4 Cyl. 2,380cc	8-94454-813-0 8-97073-851-0	47.2 -2.6	oil 4.0	RTW=27	

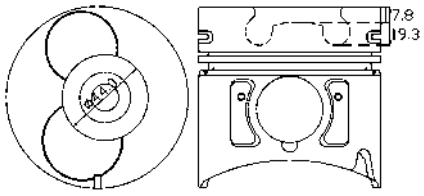
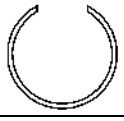
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
4JA1	IU09301D IU09301DA	87.9	top 2.0 2nd 2.0	31*76	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 93mm 4 Cyl. 2,499cc	8-94152-712-1 8-94369-281-0	47.9	oil 4.0	1.6*34	

Engine Model	CTM No.	Length	Rings	Pin	
4JA1 NEW	IU09302DA	87.8	top 2.0 2nd 2.0	31*76	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 93mm 4 Cyl. 2,499cc	8-94436-892-0 8-97089-892-0 8-97109-181-0 8-97176-601-0	47.8	oil 4.0	1.6*34	

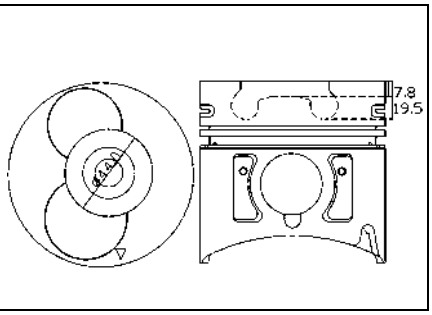
Engine Model	CTM No.	Length	Rings	Pin	
4JB1	IU09303DA	91.9	top 2.0 2nd 2.0	31*76	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 93mm 4 Cyl. 2,771cc	8-94152-771-0/1 8-94433-177-0/1 8-94445-718-0 8-97176-604-0	51.9	oil 4.0	1.6*34	

Engine Model	CTM No.	Length	Rings	Pin	
4JB1T	IU09304DA	91.9	top 2.0 2nd 2.0	34*78	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 93mm 4 Cyl. 2,771cc	8-94340-620-2 8-94369-218-0 8-97176-602-0	51.9	oil 4.0	1.6*38	

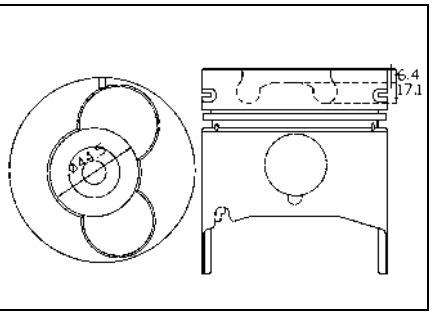
Engine Model	CTM No.	Length	Rings	Pin	
4JB1T NEW	IU09305DA	92.0	top 2.0 2nd 2.0	34*78	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 93mm 4 Cyl. 2,771cc	8-94460-887-1 8-97108-621-0	52.0	oil 4.0	1.6*37.5	

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

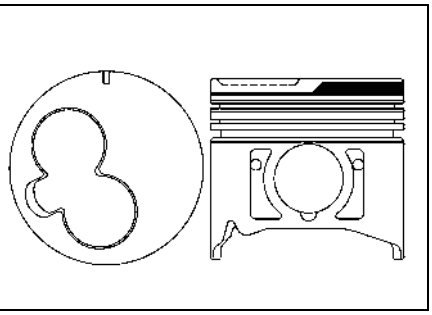
Engine Model	CTM No.	Length	Rings	Pin
4JB1 NEW	IU09306DA	91.8	top 2.0 2nd 2.0	31*76
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 93mm 4 Cyl. 2,771cc	8-97176-606-0	51.8	oil 4.0	1.6*34



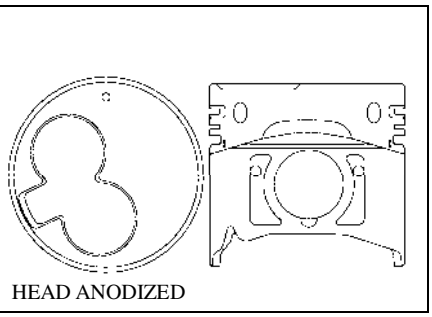
Engine Model	CTM No.	Length	Rings	Pin
4JA1T NEW	IU09307DA	102.8	top 2.0 2nd 2.0	31*76
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 93mm 4 Cyl. 2,499cc	8-97176-691-0 8-97176-695-0 8-97942-985-0	47.8	oil 4.0	1.6*34



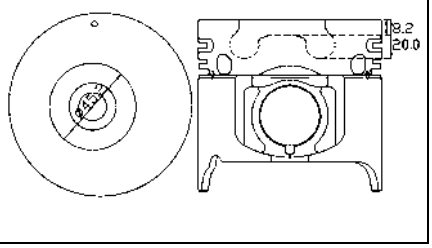
Engine Model	CTM No.	Length	Rings	Pin
4JG2	IU095402DA	89.2	top 2.5 2nd 2.0	34*78
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95.4mm 4 Cyl. 3,059cc	8-97073-647-1	49.2 -2.6	oil 4.0	RTW=34



Engine Model	CTM No.	Length	Rings	Pin
4JG2T	IU095403DAG	89.1	top 2.5 2nd 2.0	34*78
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95.4mm 4 Cyl. 3,059cc	8-97086-449-0 8-97176-622-0 8-97176-623-0	49.1 -2.7	oil 4.0	RTW=34

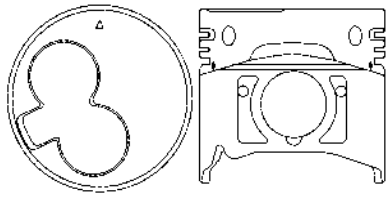


Engine Model	CTM No.	Length	Rings	Pin
4JH1-TC	IU095405DAG	88.9	top 2.5 2nd 2.0	31*76
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95.4mm 4 Cyl. 2,999cc	8-97305-586-1 8-97305-585-3	49.9	oil 3.0	1.6*34



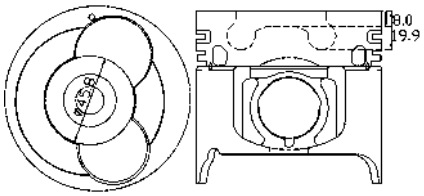
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin
4JG2T NEW	IU095406DAG	89.2	top 2.5 2nd 2.0	34*78
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95.4mm 4 Cyl. 3,059cc	8-97176-624-0/1 8-97176-625-0/1	49.2 -1.4	oil 4.0	RTW=34

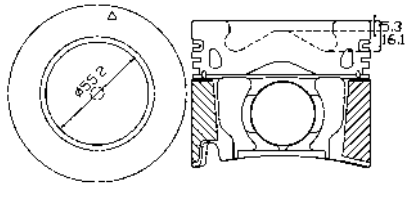


HEAD ANODIZED

Engine Model	CTM No.	Length	Rings	Pin
4JH1-TC NEW	IU095407DAG	89.0	top 2.5 2nd 2.0	31*76
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95.4mm 4 Cyl. 2,999cc		50.0	oil 3.0	1.6*34

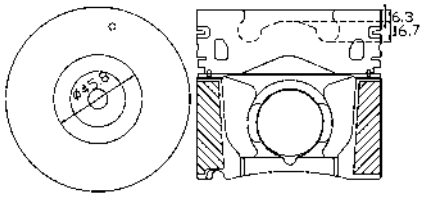


Engine Model	CTM No.	Length	Rings	Pin
UCR-UCS-LHD **4JJ1-TC CRDi**	IU095408DAG	78.4	top 2.0HK 2nd 1.5	34*78
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95.4mm 4 Cyl. 2,999cc	8-97367-397/8/9-1 8-97388-327-0 8-98028-116/7/8-0	49.8	oil 3.0	1.6*37.5



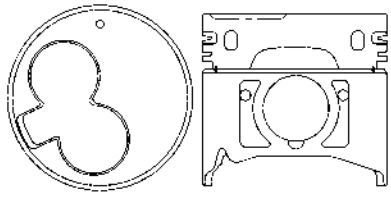
SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
KB250 **4JK1-TC**	IU095409DAG	87.2	top 2.0HK 2nd 1.5	34*78
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95.4mm 4 Cyl. 2,499cc	8-97355-672-2	58.5	oil 3.0	1.8*38



SKIRT MOS2

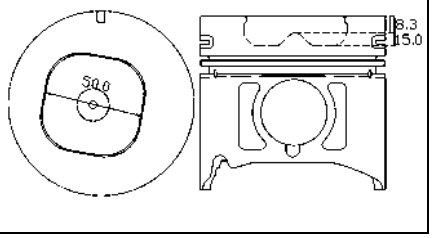
Engine Model	CTM No.	Length	Rings	Pin
4JG2T	IU09540ADAG	89.2	top 2.5DK 2nd 2.0	34*78
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95.4mm 4 Cyl. 3,059cc	8-97176-620-0 8-97176-621-0	49.2 -2.7	oil 4.0	RTW=34



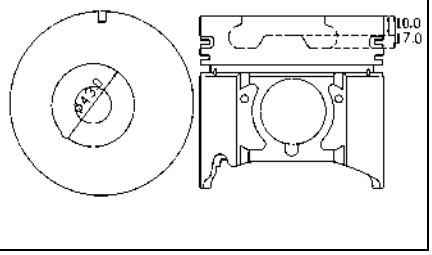
HEAD ANODIZED

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

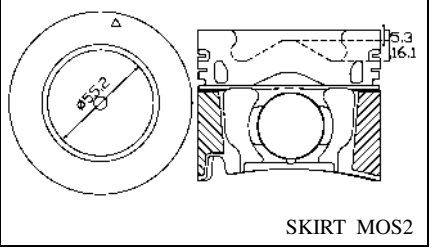
Engine Model	CTM No.	Length	Rings	Pin
4JG1	IU09540BDA	89.4	top 2.0 2nd 2.0	34*78
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95.4mm 4 Cyl. 3,059cc	8-97176-612-0	49.5	oil 4.0	1.6*37.5



Engine Model	CTM No.	Length	Rings	Pin
UBS (1993-1995) **4JG1**	IU09540CDA	89.4	top 2.5 2nd 2.0	34*78
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95.4mm 4 Cyl. 3,059cc	8-97147-984-0	49.5	oil 4.0	RTW=34

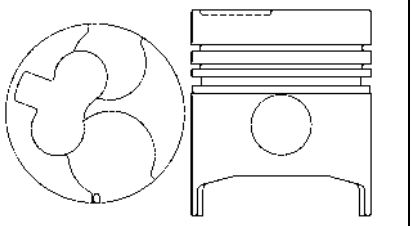


Engine Model	CTM No.	Length	Rings	Pin
ELF、LFB、NHR、NKR、NLR、NLS、NMR、NNR、NPR、NQR (2006-) **4JJ1-TC CRDi**	IU09540DDAG	78.4	top 2.0HK 2nd 2.0	34*78
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95.4mm 4 Cyl. 2,999cc	8-98043-703-0 8-98043-704-0 8-98043-705-0	49.8	oil 3.0	1.6*37.5

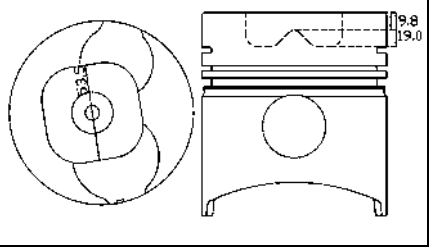


SKIRT MOS2

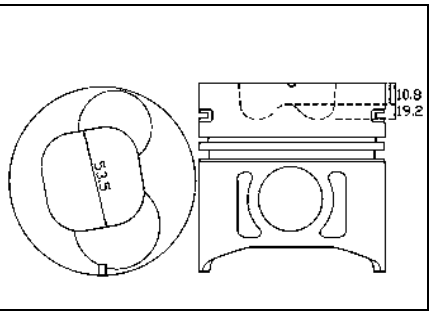
Engine Model	CTM No.	Length	Rings	Pin
4BA1	IU09801D	112.3	top 3.0 2nd 2.5	33*85
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 98mm 4 Cyl. 2,775cc	5-12111-055-1	62.8 -2.0	oil 5.0	RTW=33

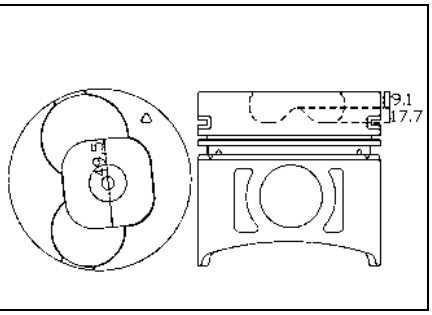


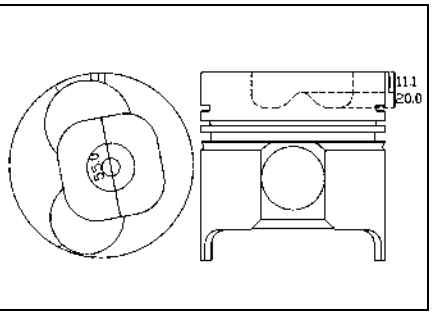
Engine Model	CTM No.	Length	Rings	Pin
4BB1	IU10201D	112.4	top 3.0 2nd 2.5	35*87.5
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 102mm 4 Cyl. 3,595cc	5-12111-013-0	63.1	oil 5.0	RTW=35

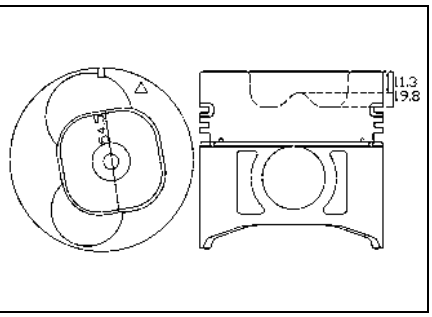


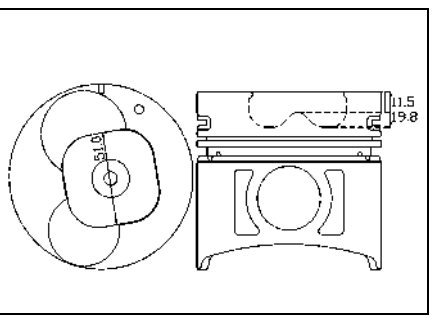
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
6BB1	IU10202D	112.4	top 3.0 2nd 2.5	35*87.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 102mm 6 Cyl. 5,393cc	5-12111-013-0	63.1	oil 5.0	RTW=35	

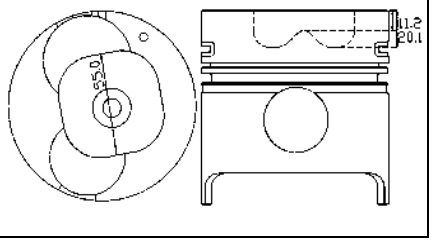
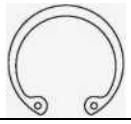
Engine Model	CTM No.	Length	Rings	Pin	
4BC2	IU10203D IU10203DA	98.1	top 3.0 2nd 2.5	35*85	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 102mm 4 Cyl. 3,268cc	5-12111-230-4 8-94169-765-0	58.9	oil 5.0	RTW=35	

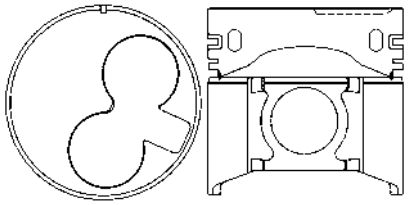
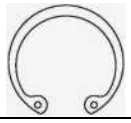
Engine Model	CTM No.	Length	Rings	Pin	
4BD1 **6BD1**	IU10204D-6 IU10204DA-6	104.2	top 3.0 2nd 2.5	35*87.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 102mm 4Cyl. 3,856cc 6Cyl. 5,785cc	5-12111-068-0 5-12111-068-2 5-12111-211-0 5-12111-211-1	59.0	oil 5.0	RTW=35	

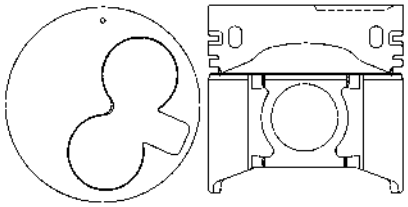
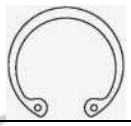
Engine Model	CTM No.	Length	Rings	Pin	
6BD1T	IU10205DA	98.0	top 3.0 2nd 2.5	35*87	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 102mm 6 Cyl. 5,785cc	1-12111-325-1 1-12111-428-0 1-12111-428-1	58.8	oil 5.0	RTW=35	

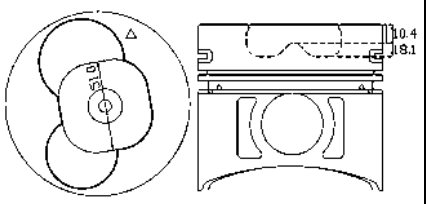
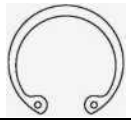
Engine Model	CTM No.	Length	Rings	Pin	
4BD1T	IU10206DA	98.0	top 3.0 2nd 2.5	35*87	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 102mm 4 Cyl. 3,856cc	5-12111-242-1 8-94175-027-2 8-94321-734-0	58.8	oil 5.0	RTW=35	

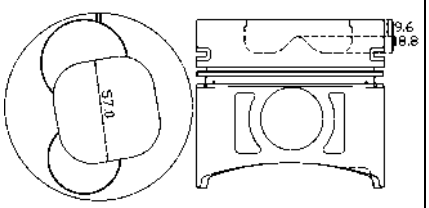
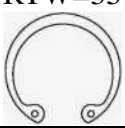
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
4BD1T **6BD1T**	IU10207DA	104.2	top 3.0 2nd 2.5	35*87.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 102mm 4Cyl. 3,856cc 6Cyl. 5,785cc	1-12111-240-1 1-12111-303-0 5-12111-240-1 5-12111-303-1	58.8	oil 5.0	RTW=35	

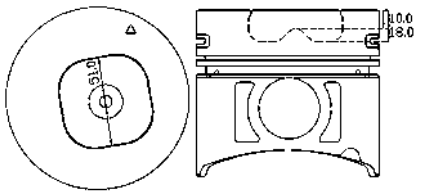
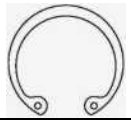
Engine Model	CTM No.	Length	Rings	Pin	
(1992-1994) **4BD2T**	IU10208DAG	98.1	top 3.0 2nd 2.5	35*87.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 102mm 4 Cyl. 3,856cc	8-97025-457-2 8-97176-640-0	58.7 -2.6	oil 5.0	RTW=35	 HEAD ANODIZED

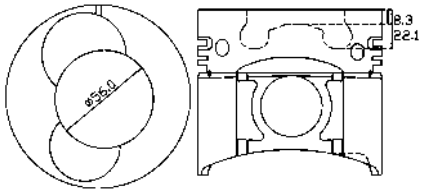
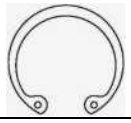
Engine Model	CTM No.	Length	Rings	Pin	
(1995-1998) **4BD2T NEW**	IU10209DAG	98.1	top 3.0 2nd 2.0	35*87.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 102mm 4 Cyl. 3,856cc	8-97176-642-0	58.8 -3.1	oil 4.0	RTW=35	 HEAD ANODIZED

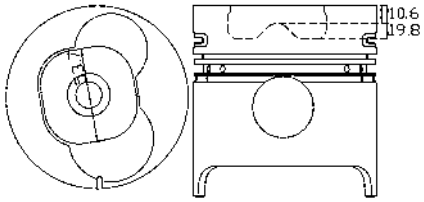
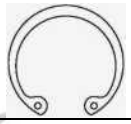
Engine Model	CTM No.	Length	Rings	Pin	
4BE1	IU10501DA	95.6	top 3.0 2nd 2.5	35*85	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 105mm 4 Cyl. 3,636cc	5-12111-022-0 8-94438-989-1	56.4	oil 5.0	RTW=35	

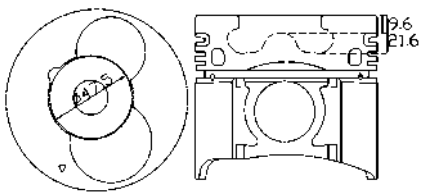
Engine Model	CTM No.	Length	Rings	Pin	
6BG1	IU10501DA-6	94.4	top 3.0 2nd 2.5	35*87.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 105mm 6 Cyl. 6,494cc	1-12111-323-2 1-12111-377-4	55.2	oil 4.0	RTW=35	

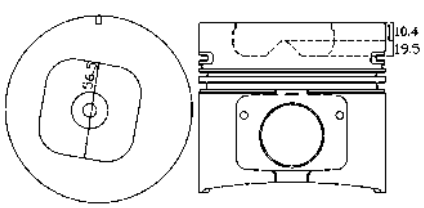
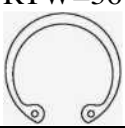
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
4BE1	IU10502DA	95.7	top 3.0 2nd 2.5	35*85	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 105mm 4 Cyl. 3,636cc	8-94478-116-0	56.5	oil 5.0	RTW=35	

Engine Model	CTM No.	Length	Rings	Pin	
6BG1T	IU10502DAG-6	94.5	top 3.5 2nd 2.5	35*87.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 105mm 6 Cyl. 6,494cc	1-12111-626-0	55.2	oil 4.0	RTW=35	

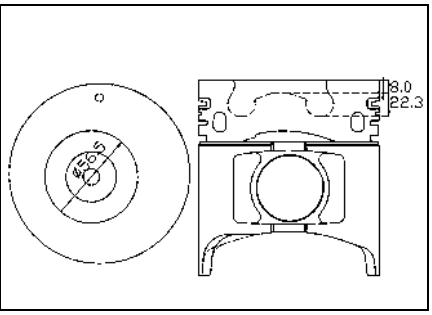
Engine Model	CTM No.	Length	Rings	Pin	
6BF1	IU10503DA	110.0	top 3.0 2nd 2.5	35*87.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 105mm 6 Cyl. 6,130cc	1-12111-345-0	58.7	oil 5.0	RTW=35	

Engine Model	CTM No.	Length	Rings	Pin	
(2003-) **6BG1**	IU10506DAG	94.2	top 3.5DK 2nd 2.5	35*87.5	
	OEM No.	Comp. Dist.	3rd 2.5	Clip	
Cyl. Dia: 105mm 6 Cyl. 6,494cc	8-97358-574-0 8-97358-575-0	55.2	oil 4.0	RTW=35	

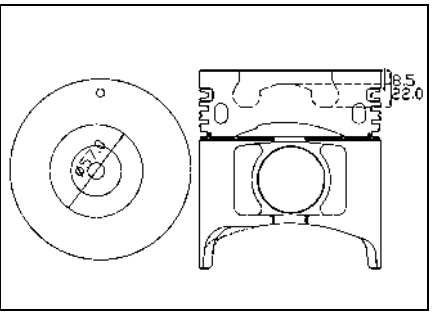
Engine Model	CTM No.	Length	Rings	Pin	
FSR、FTR、FVM、FVR (1992-) **6HE1**	IU11001DA	99.9	top 3.0 2nd 2.5	36*79	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 110mm 6 Cyl. 7,127cc	8-94396-837-0	66.0	oil 4.0	RTW=36	

About engines	About pistons	About rings
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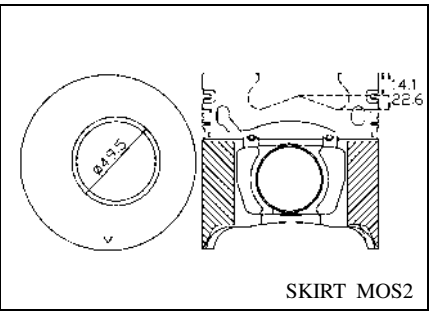
Engine Model	CTM No.	Length	Rings	Pin
NPR、NQR (1997-)	IU11002DAG	120.0	top 3.0HK 2nd 2.5	40*87
4HE1T	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 110mm 4 Cyl. 4,751cc	8-97176-652/3-0 8-97183-664/5-0 8-97233-129-0 8-97233-130-0	66.2	oil 4.0	RTW=40



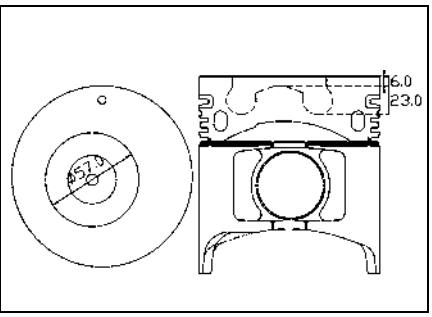
Engine Model	CTM No.	Length	Rings	Pin
FRR、FSR、FTR、FVR (1995-1997)	IU11002DAG-6	119.9	top 4.0DK 2nd 3.0	40*87
6HE1-TC	OEM No.	Comp. Dist.	3rd 2.5	Clip
Cyl. Dia: 110mm 6 Cyl. 7,127cc	8-94391-594-0	66.1	oil 3.0	RTW=40



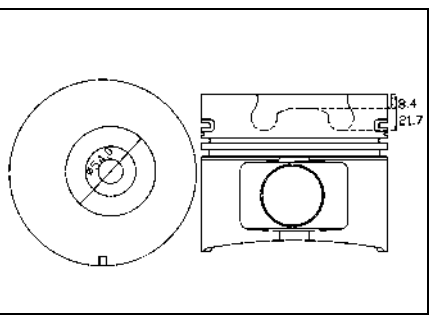
Engine Model	CTM No.	Length	Rings	Pin
4HE1-TC **6HE1T NEW**	IU11003DAG IU11003DAG-6	110.0	top 3.0HK 2nd 2.0	40*87*19
	OEM No.	Comp. Dist.	3rd 1.2	Clip
Cyl. Dia: 110mm 4Cyl. 4,751cc 6Cyl. 7,127cc	8-94391-696-0	66.2	oil 3.0	RTW=40



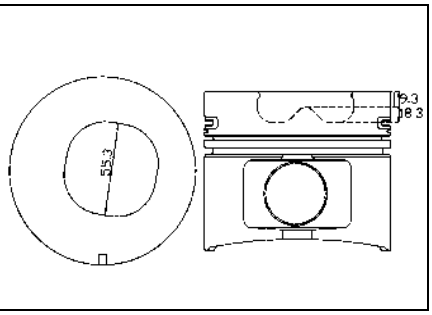
Engine Model	CTM No.	Length	Rings	Pin
6HE1T	IU11005DAG	119.7	top 4.0DK 2nd 3.0	40*87
	OEM No.	Comp. Dist.	3rd 2.5	Clip
Cyl. Dia: 110mm 6 Cyl. 7,127cc	8-94391-605-0	66.1	oil 3.0	RTW=40

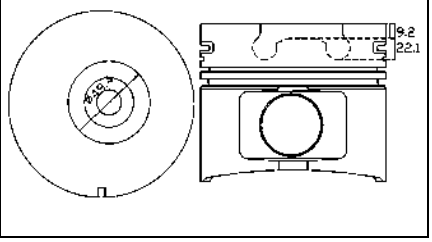


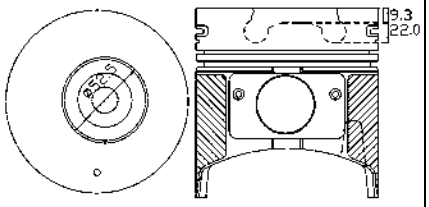
Engine Model	CTM No.	Length	Rings	Pin
4HF1	IU11201DA	94.5	top 3.0 2nd 2.5	36*79
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 112mm 4 Cyl. 4,334cc	8-97095-585-1 8-97176-655-0	60.8	oil 4.0	RTW=36

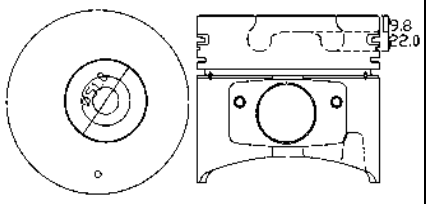


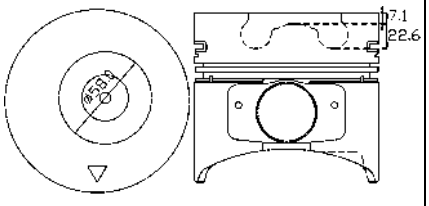
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
4HF1	IU11202DA	94.5	top 3.0 2nd 2.5	36*79	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 112mm 4 Cyl. 4,334cc	8-97063-867-0 8-97095-654-0	60.8	oil 4.0	RTW=36	

Engine Model	CTM No.	Length	Rings	Pin	
4HF1 NEW	IU11203DA	94.5	top 3.0HK 2nd 2.5	36*79	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 112mm 4 Cyl. 4,334cc	5-87813-391-0/1 8-97176-657-2 8-97183-667-0	60.8	oil 4.0	RTW=36	

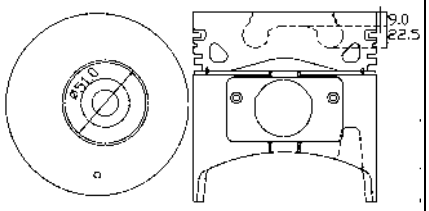
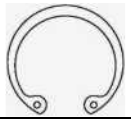
Engine Model	CTM No.	Length	Rings	Pin	
4HG1	IU11500DA	119.5	top 3.0HK 2nd 2.5	36*79	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 115mm 4 Cyl. 4,751cc	8-97221-484-0	60.7	oil 4.0	RTW=36	SKIRT MOS2

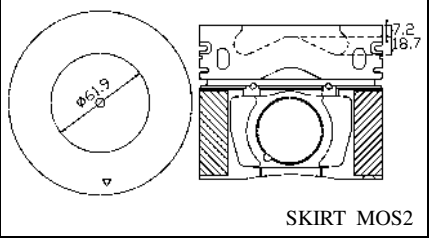
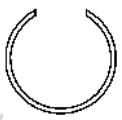
Engine Model	CTM No.	Length	Rings	Pin	
4HG1	IU11501DA	104.5	top 3.0HK 2nd 2.5	36*79	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 115mm 4 Cyl. 4,751cc	8-97183-666-0	60.7	oil 4.0	RTW=36	

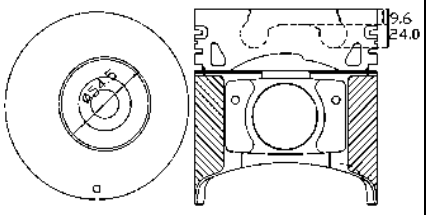
Engine Model	CTM No.	Length	Rings	Pin	
6HH1	IU11501DA-6	106.5	top 3.5 2nd 2.5	36*79	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 115mm 6 Cyl. 8,226cc	8-94391-950-0	62.7	oil 4.0	RTW=36	

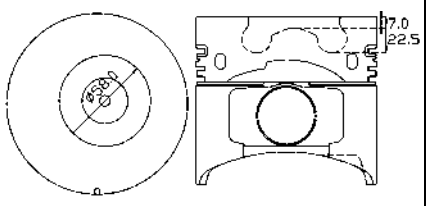
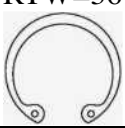
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
6SA1	IU11502DA-6		top 2nd		
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 115mm Cyl. cc	1-12111-217-1		oil		

Engine Model	CTM No.	Length	Rings	Pin	
4HG1T	IU11502DAG	119.4	top 3.0HK 2nd 2.5	36*79	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 115mm 4 Cyl. 4,751cc	8-97219-032-0	60.7	oil 4.0	RTW=36 	

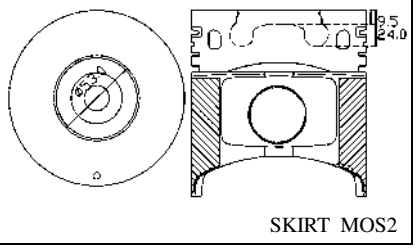
Engine Model	CTM No.	Length	Rings	Pin	
NPR、NQR (2006-) **4HK1-TC**	IU11503DAG	96.5	top 3.0HK 2nd 2.5	40*87	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 115mm 4 Cyl. 5,193cc	8-98041-141-0	66.1	oil 4.0	2.0*44 	SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin	
4HK1-TC	IU11504DAG	119.8	top 3.0HK 2nd 2.5	40*87	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 115mm 4 Cyl. 5,193cc	8-97228-303-0	66.0	oil 4.0	RTW=40 	SKIRT MOS2

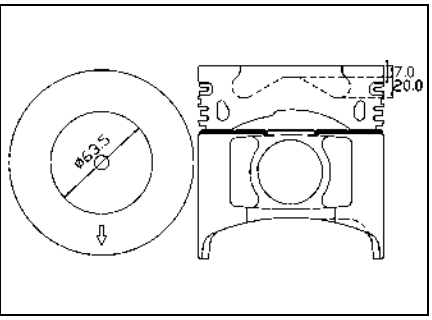
Engine Model	CTM No.	Length	Rings	Pin	
6HH1 **6HH1T**	IU11504DAG-6	106.3	top 3.5 2nd 2.5	36*79	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 115mm 6 Cyl. 8,226cc	8-94391-598-0	62.6	oil 4.0	RTW=36 	

About engines	About pistons	About rings
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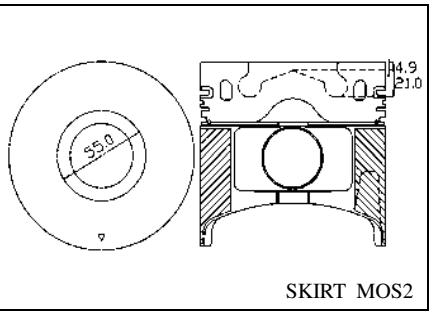
Engine Model	CTM No.	Length	Rings	Pin
4HJ1	IU11505DAG	112.5	top 3.0HK 2nd 2.5 3rd 2.5 oil 4.0	36*79
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 115mm 4 Cyl. 4,985cc	8-97228-302-0	68.7		RTW=36



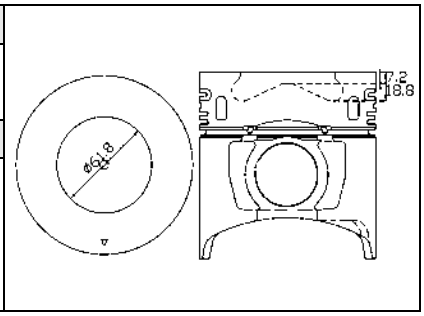
Engine Model	CTM No.	Length	Rings	Pin
FRD、FRR、FSR、FSS、FTR、FTS、FVR、LT (1999-) **6HK1-TCC** **6HK1-TCN** **6HK1-TCS**	IU11505DAG-6	119.7	top 3.0DK 2nd 2.5	40*87
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 115mm 6Cyl. 7,790cc	8-94391-895-1	66.1	oil 3.0	RTW=40



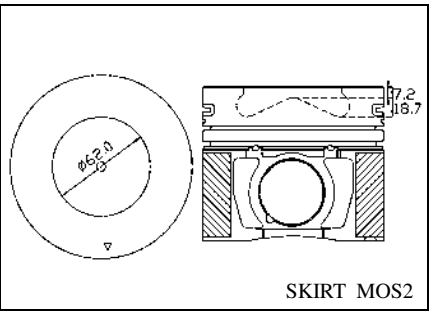
Engine Model	CTM No.	Length	Rings	Pin
4HL1	IU11506DAG	112.0	top 3.0 2nd 2.0	36*79
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 115mm 4 Cyl. 4,777cc	8-97331-643-0	58.2	oil 3.0	RTW=36



Engine Model	CTM No.	Length	Rings	Pin
4HK1-TC	IU11507DAG	119.9	top 2.95DK 2nd 2.0 3rd 2.0 oil 2.5	40*87
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 115mm 4 Cyl. 5,193cc	8-97602-957-1	66.1		RTW=40

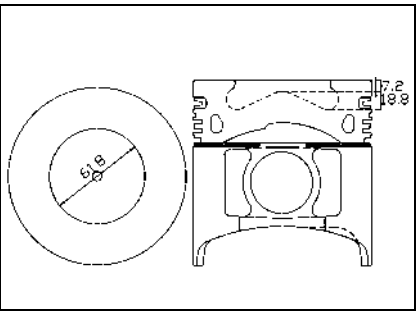


Engine Model	CTM No.	Length	Rings	Pin
4HK1	IU11508DA	96.7	top 3.0HK 2nd 2.5	40*87
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 115mm 4 Cyl. 5,193cc	8-97221-454-0	66.0	oil 4.0	RTW=40

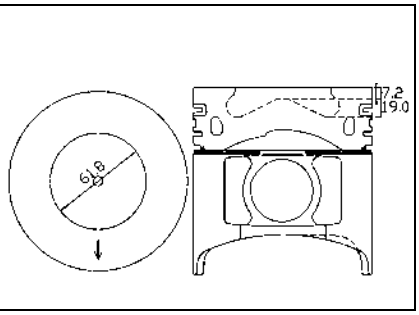


About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

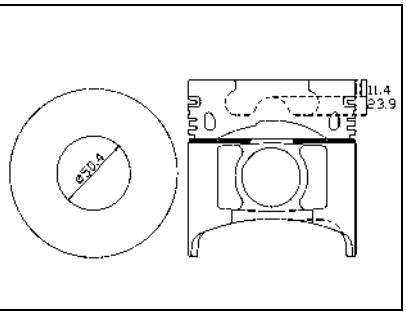
Engine Model	CTM No.	Length	Rings	Pin
UM (2005-2009)	IU11508DAG-6	119.9	top 2.95DK	40*87
6HK1-TC			2nd 2.0	
	OEM No.	Comp. Dist.	3rd 2.5	Clip
Cyl. Dia: 115mm	8-98023-526-1	66.1	oil 3.0	RTW=40
6 Cyl.				
7,790cc				



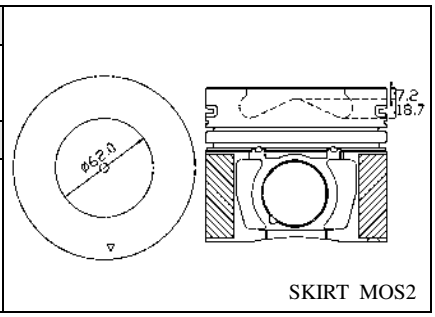
Engine Model	CTM No.	Length	Rings	Pin
6HL1-TC	IU11509DAG	119.9	top 2.95DK	40*87
			2nd 2.5	
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 115mm	8-97602-904-0	66.1	oil 3.0	RTW=40
6 Cyl.				
7,166cc				



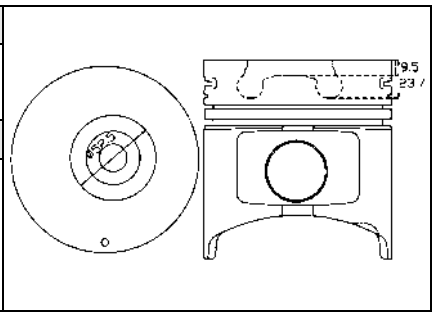
Engine Model	CTM No.	Length	Rings	Pin
UM (2000-)	IU1150ADAG	119.9	top 2.95DK	40*87
			2nd 2.0	
6HK1	OEM No.	Comp. Dist.	3rd 2.5	Clip
Cyl. Dia: 115mm	1-12111-976-0	66.1	oil 3.0	RTW=40
6 Cyl.				
7,790cc				



Engine Model	CTM No.	Length	Rings	Pin
FXR (2003-2005)	IU1150BDA	96.7	top 3.0HK	40*87
			2nd 2.5	
6HK1	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 115mm	8-97602-801-0	66.0	oil 4.0	RTW=40
6 Cyl.				
7,790cc				

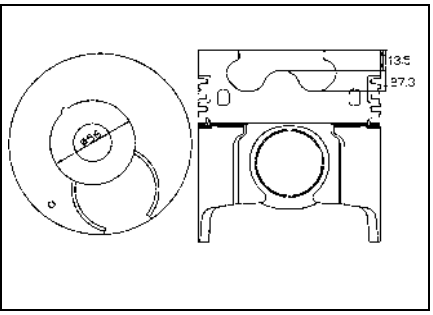


Engine Model	CTM No.	Length	Rings	Pin
4HJ1	IU1150CDA	122.5	top 3.0HK	36*79
			2nd 2.0	
	OEM No.	Comp. Dist.	3rd 2.5	Clip
Cyl. Dia: 115mm		68.7	oil 4.0	RTW=36
4 Cyl.				
4,985cc				

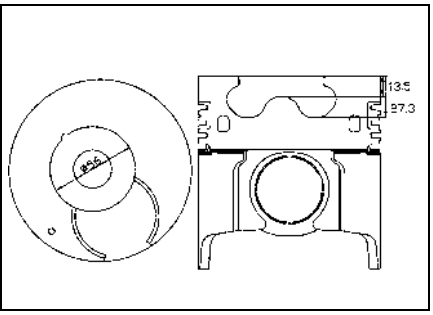


About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

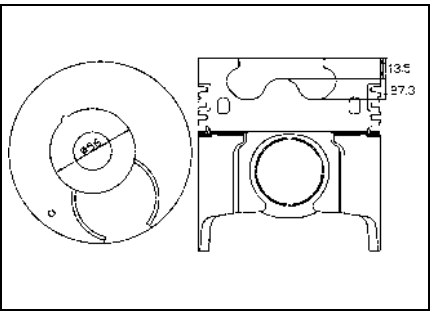
Engine Model	CTM No.	Length	Rings	Pin
6SD1T	IU12002DAG	127.6	top 4.0DK 2nd 3.0 3rd 3.0 oil 4.0	43*89.5
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 120mm 6 Cyl. cc	1-12111-591-0 1-12111-621-1	75.1		RTW=43



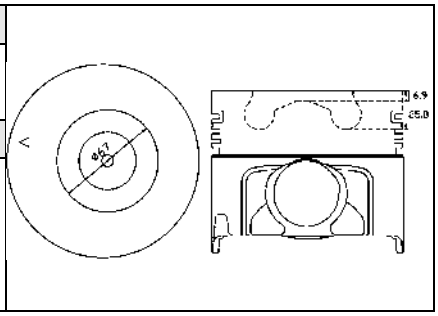
Engine Model	CTM No.	Length	Rings	Pin
6SD1	IU12003DA	127.6	top 4.0DK 2nd 3.0 3rd 3.0 oil 4.0	43*89.5
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 120mm 6 Cyl. cc	1-12111-569-0	75.1		RTW=43



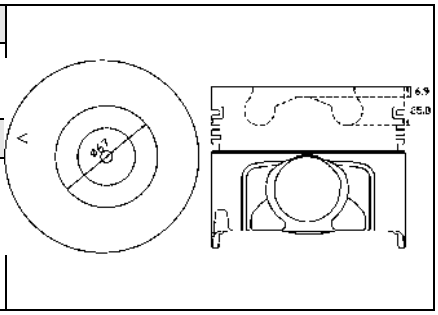
Engine Model	CTM No.	Length	Rings	Pin
6SD1T	IU12008DAG	127.6	top 4.0DK 2nd 3.0 3rd 3.0 oil 4.0	43*89.5
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 120mm 6 Cyl. cc	1-1211-973-1	75.1		RTW=43



Engine Model	CTM No.	Length	Rings	Pin
10 PE1	IU12701DAG	106.6	top 4.0DK 2nd 3.0 3rd 3.0 oil	43*80
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 127mm Cyl. cc	1-12111-926-0	67.8		RTW=43

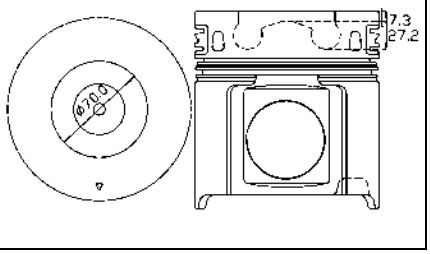


Engine Model	CTM No.	Length	Rings	Pin
10 PE1	IU12702DAG	106.6	top 4.0DK 2nd 3.0 3rd 3.0 oil	43*80
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 127mm Cyl. cc	1-12111-926-0	67.8		RTW=43

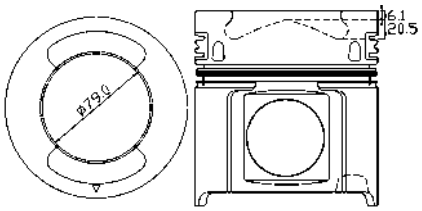


About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin
6WA1-TC	IU132901DAG	143.0	top 4.0DK 2nd 3.0 3rd 3.0 oil 4.0	56*104.5
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 132.9mm 6 Cyl. 12,068cc	1-12111-896-0	93.0		RTW=56

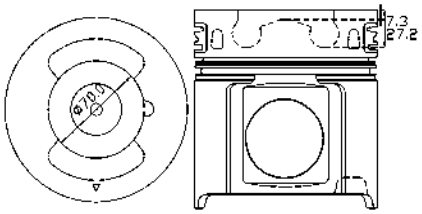


Engine Model	CTM No.	Length	Rings	Pin
6WA1-TC	IU132902DAG	143.0	top 4.4DK 2nd 3.0 3rd 3.0 oil 4.0	56*104.5
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 132.9mm 6 Cyl. 12,068cc	1-12111-665-1	93.0		RTW=56



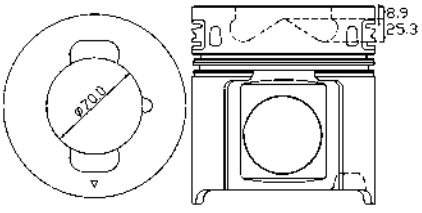
HEAD ANODIZED

Engine Model	CTM No.	Length	Rings	Pin
6WA1-TC	IU132903DAG	143.0	top 4.0DK 2nd 3.0 3rd 3.0 oil 4.0	56*104.5
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 132.9mm 6 Cyl. 12,068cc	1-12111-907-1	93.0		RTW=56



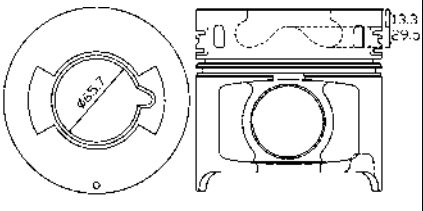
HEAD ANODIZED

Engine Model	CTM No.	Length	Rings	Pin
6WA1-TC	IU132904DAG	143.0	top 4.4DK 2nd 3.0 3rd 3.0 oil 4.0	56*104.5
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 132.9mm 6 Cyl. 12,068cc	1-12111-671-0	93.0		RTW=56



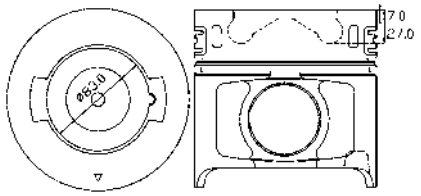
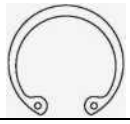
HEAD ANODIZED

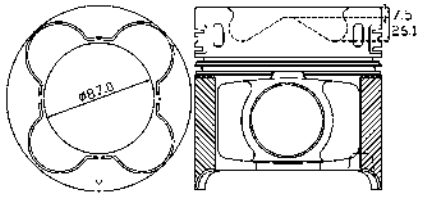
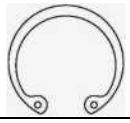
Engine Model	CTM No.	Length	Rings	Pin
(2000-) **6WG1**	IU14701DAG	142.8	top 3.8DK 2nd 3.0 3rd 3.0 oil 4.0	56*104.5
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 147mm 6 Cyl. 15,681cc	1-12111-964-2	88.3		RTW=56

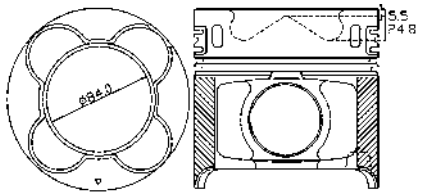
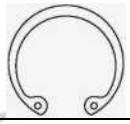


HEAD ANODIZED

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

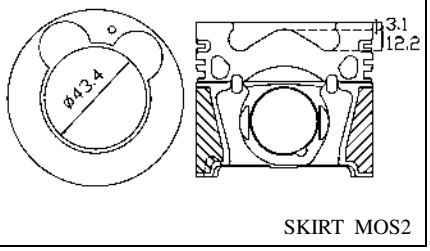
Engine Model	CTM No.	Length	Rings	Pin	
CXM、CXZ、EXD、EXR、EXZ (1999-)	IU14702DAG	142.8	top 3.8DK 2nd 3.0	56*104.5	
	OEM No.	Comp. Dist.	3rd 3.0	Clip	
6WG1-TC	1-12111-887-2	88.3	oil 4.0	RTW=56	
Cyl. Dia: 147mm 6 Cyl. 15,681cc					HEAD ANODIZED

Engine Model	CTM No.	Length	Rings	Pin	
	IU14703DAG	142.8	top 3.0DK 2nd 2.5	56*104.5	
6WG1T	OEM No.	Comp. Dist.	3rd 3.0	Clip	
	1-12111-998-0	88.3	oil 4.0	RTW=56	
Cyl. Dia: 147mm 6 Cyl. 15,681cc					SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin	
CXH、CXJ、CXZ、EXR、EXZ (2003-)	IU14704DAG	142.8	top 3.0DK 2nd 2.5	56*104.5	
	OEM No.	Comp. Dist.	3rd 3.0	Clip	
6WF1-TCC	1-12111-999-1	88.3	oil 4.0	RTW=56	
Cyl. Dia: 147mm 6 Cyl. 15,681cc					SKIRT MOS2

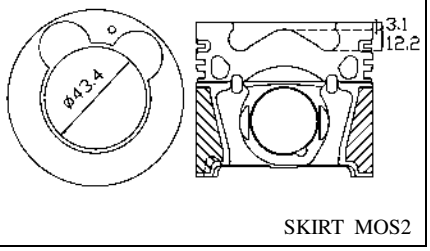
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin
(2004-2006) **PICANTO 1.1 TDi** Cyl. Dia: 75mm 3 Cyl. 1,119cc	KA07501DAG-3	65.7	top 1.8 2nd 1.8	28*60
	OEM No.	Comp. Dist.		Clip
		42.0	oil 3.0	1.5*31.5



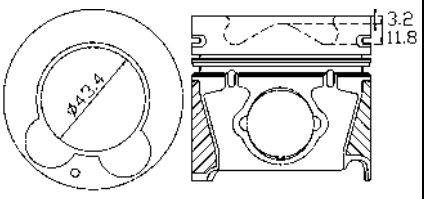
SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
(2006-2008) **CERATO 1.5 TDi** **RIO 1.5 CRDi** Cyl. Dia: 75mm 4 Cyl. 1,493cc	KA07501DAG	65.7	top 1.8 2nd 1.8	28*60
	OEM No.	Comp. Dist.		Clip
	23410-2A901/11 23410-2A921/31 23410-2A941	42.0	oil 3.0	1.5*31.5



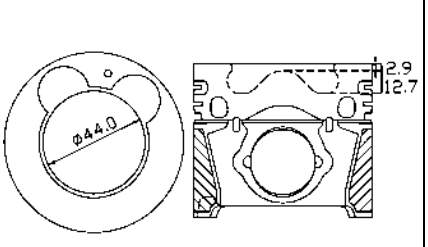
SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
(2010-) **VENGA CRDi** Cyl. Dia: 75mm 4 Cyl. 1,396cc	KA07502DAG	65.7	top 1.8 2nd 1.8	28*60
	OEM No.	Comp. Dist.		Clip
	23410-2A950/1/2	42.0	oil 3.0	1.5*31.5



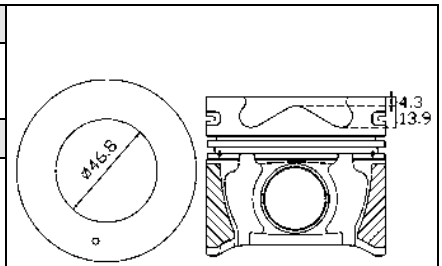
2nd RING LAND ANODIZED
SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
(2006-2008) **CEE'D 1.6 TCi** **CERATO 1.6 TDi** Cyl. Dia: 77.2mm 4 Cyl. 1,582cc	KA077201DAG	65.7	top 1.8 2nd 1.8	28*60
	OEM No.	Comp. Dist.		Clip
	23410-2A961/2 23410-2A963/4 23410-2A965	42.0	oil 3.0	1.5*31.5



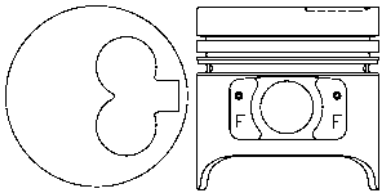
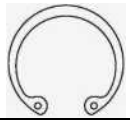
SKIRT MOS2

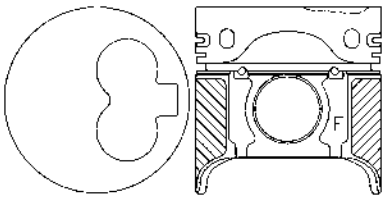
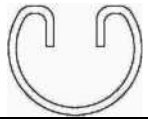
Engine Model	CTM No.	Length	Rings	Pin
(2002-2006) **CARENS CRDi** **NEW SPORTAGE TCi** Cyl. Dia: 83mm 4 Cyl. 1,991cc	HD08301DAB	72.3	top 2.0DK 2nd 2.0	28*65.5
	OEM No.	Comp. Dist.		Clip
	23410-27901/3/4 23410-27921/3/4	46.3	oil 3.0	1.5*31.5

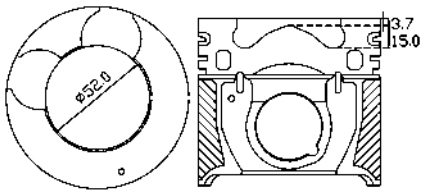


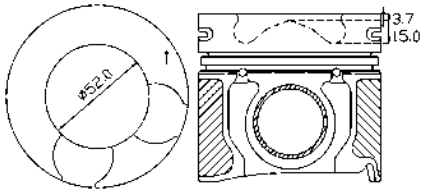
SKIRT MOS2

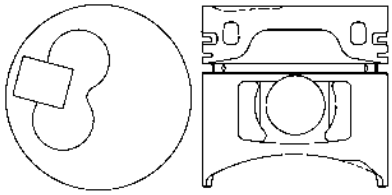
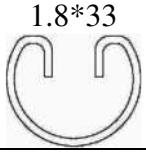
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
HW Cyl. Dia: 86mm 4 Cyl. 2,184cc	KA08602D	86.3	top 2.0HK 2nd 2.0	25*68	
	OEM No.	Comp. Dist.		Clip	
	OK770-11-SAO	47.3 -1.6	oil 4.0	RTW=25	

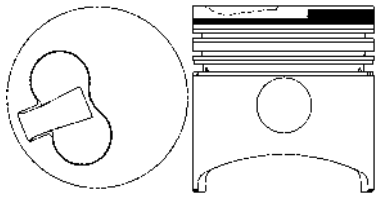
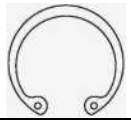
Engine Model	CTM No.	Length	Rings	Pin	
SPORTAGE TURBO **NB-7** **RF-TCi** Cyl. Dia: 86mm 4 Cyl. 1,998cc	KA08603DAG	86.2	top 2.0 2nd 2.0	30*68.5	 SKIRT MOS2
	OEM No.	Comp. Dist.		Clip	
	OK054-11-102 OK0Y1-11-SAO OK0Y1-11-SAX OK0Y1-11-SBZ	47.2 -1.2 -3.1	oil 3.0	1.8*33	

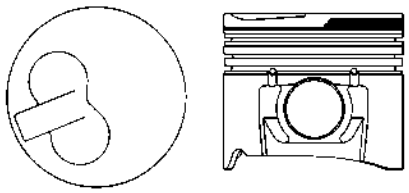
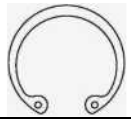
Engine Model	CTM No.	Length	Rings	Pin	
(2002-2006) **SORENTO 2.5 TCi** Cyl. Dia: 91mm 4 Cyl. 2,497cc	KA09101DAG	83.7	top 2.5HK 2nd 2.0	33*75	 SKIRT MOS2
	OEM No.	Comp. Dist.		Clip	
	23410-4A900/1/2 23410-4A910/1/2 23410-4A913/4	54.2	oil 3.0	2.0*37	

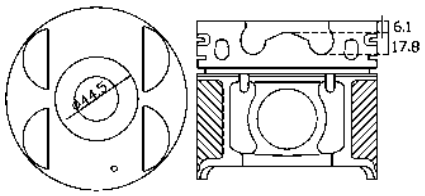
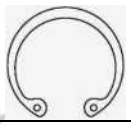
Engine Model	CTM No.	Length	Rings	Pin	
(2007-2008) **SORENTO 2.5 TCi(VGT)** Cyl. Dia: 91mm 4 Cyl. 2,497cc	KA09102DABG	83.7	top 2.5HK 2nd 2.0	33*74	 SKIRT MOS2
	OEM No.	Comp. Dist.		Clip	
	23410-4A920/1/2 23410-4A940/1/2	54.2	oil 3.0	2.0*37	

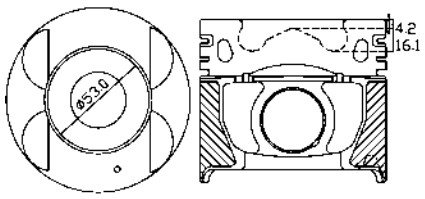
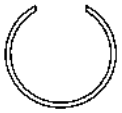
Engine Model	CTM No.	Length	Rings	Pin	
PREGIO **K2500(L/R)** Cyl. Dia: 91.1mm 4 Cyl. 2,476cc	KA091101DAG	88.7	top 2.5HK 2nd 2.0HK	29*75	
	OEM No.	Comp. Dist.		Clip	
	23410-425/600 (1+3) 23410-42520 23410-42630 (2+4)	48.7 -1.2 -2.7	oil 4.0	1.8*33	

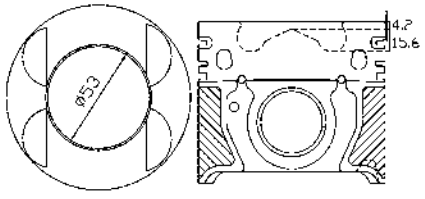
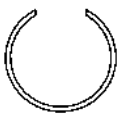
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
SF K2400 Cyl. Dia: 92mm 4 Cyl. 2,417cc	KA09201DA	94.6	top 2.4 2nd 2.4	28*75	
	OEM No.	Comp. Dist.		Clip	
	K768-11-102 K7Z0-11-SAO OK7Z0-11-SAO OK7Z0-11-SBX/Z	50.6 -1.9 -4.6	oil 4.0	RTW=28	

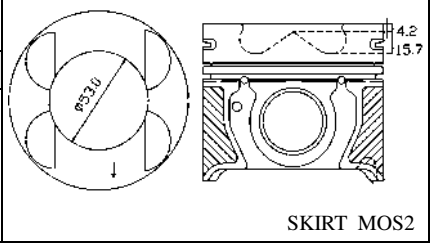
Engine Model	CTM No.	Length	Rings	Pin	
FRONTIER-PREGIO 2.7 **J2** **JS K2700** Cyl. Dia: 94.5mm 4 Cyl. 2,665cc	KA094501DA	81.7	top 2.0 2nd 2.0	30*76	
	OEM No.	Comp. Dist.		Clip	
	K6Z1-11-SAO OK6Z1-11-SAO	50.0 -1.9 -3.4	oil 3.0	RTW=30	

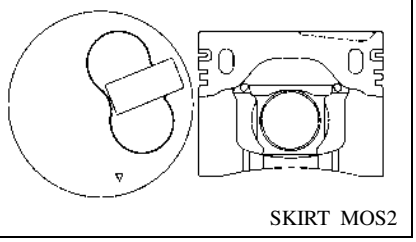
Engine Model	CTM No.	Length	Rings	Pin	
CARNIVAL、K2900、SEDONA (1998-2005) **J3 TCi** Cyl. Dia: 97.1mm 4 Cyl. 2,902cc	KA097101DAG	84.0	top 2.0HK 2nd 2.0	32*78	
	OEM No.	Comp. Dist.		Clip	
	OK5Z1-11-SAO	52.0	oil 3.0	RTW=32	
					SKIRT MOS2

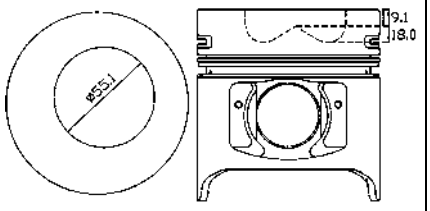
Engine Model	CTM No.	Length	Rings	Pin	
BONGO III、K2900 (2007-) **J3 TCi** Cyl. Dia: 97.1mm 4 Cyl. 2,902cc	KA097102DAG	84.1	top 2.5HK 2nd 2.0	32*78	
	OEM No.	Comp. Dist.		Clip	
	23410-4X940/1 23410-4X942/3	52.1	oil 3.0	1.8*36	
					SKIRT MOS2

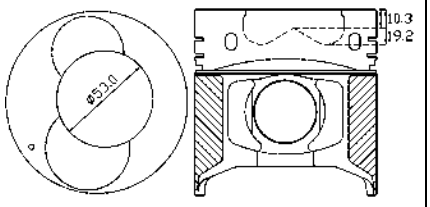
Engine Model	CTM No.	Length	Rings	Pin	
CARNIVAL (2006-) **J3 CRDI** Cyl. Dia: 97.1mm 4 Cyl. 2,902cc	KA097103DABG	84.1	top 2.5HK 2nd 2.0	32*81	
	OEM No.	Comp. Dist.		Clip	
		52.1	oil 3.0	2.0*36	
					SKIRT MOS2

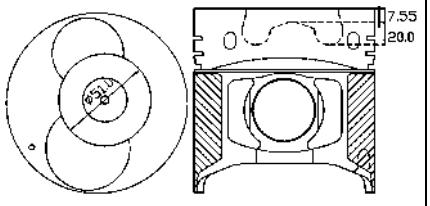
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
CARNIVAL (2007-) **J3 CRDi** Cyl. Dia: 97.1mm 4 Cyl. 2,902cc	KA097104DABG	84.2	top 2.5HK 2nd 2.0	32*81	 SKIRT MOS2
	OEM No.	Comp. Dist.		Clip	
	23410-4X950/1 23410-4X952/3	52.2	oil 3.0	2.0*36	

Engine Model	CTM No.	Length	Rings	Pin	
PREGIO 3.0 **JT** Cyl. Dia: 98mm 4 Cyl. 3,000cc	KA09801DAG	76.1	top 2.0 2nd 2.0	30*79	 SKIRT MOS2
	OEM No.	Comp. Dist.		Clip	
	KDAJ2-11-SAO K7Z1-11-SAO OK7Z1-11-SAO	45.5 -1.4 -4.9	oil 3.0	RTW=30	

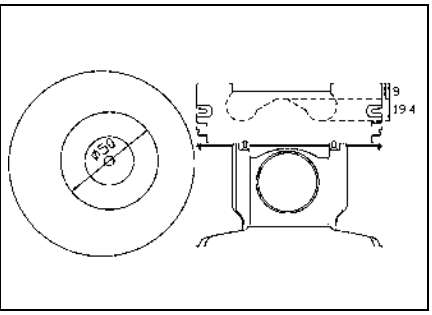
Engine Model	CTM No.	Length	Rings	Pin	
JD K3500 Cyl. Dia: 100mm 4 Cyl. 3,455cc	KA10001DA	105.0	top 2.5 2nd 2.0	34*82	
	OEM No.	Comp. Dist.		Clip	
	K4YO-11-SAO	58.0	oil 4.5	RTW=34	

Engine Model	CTM No.	Length	Rings	Pin	
SH K3600 Cyl. Dia: 100mm 4 Cyl. 3,598cc	KA10002DG	102.0	top 2.0 2nd 2.0	34*82	 SKIRT MOS2
	OEM No.	Comp. Dist.		Clip	
	K4Y1-11-SAO OK4Y1-11-SAO	56.2	oil 3.0	RTW=34	

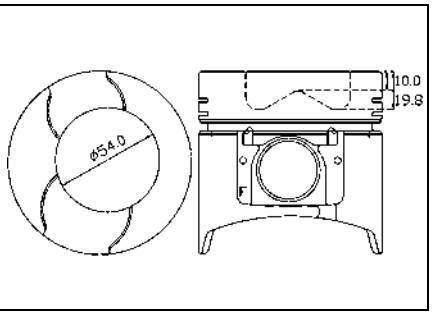
Engine Model	CTM No.	Length	Rings	Pin	
SH K3600 NEW Cyl. Dia: 100mm 4 Cyl. 3,598cc	KA10003DG	102.0	top 2.0 2nd 2.0	34*82	 SKIRT MOS2
	OEM No.	Comp. Dist.		Clip	
	K47A-11-102 K47A-11-SAO K4Y2-11-SAO OK4Y2-11-SCO	56.2	oil 3.0	RTW=34	

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

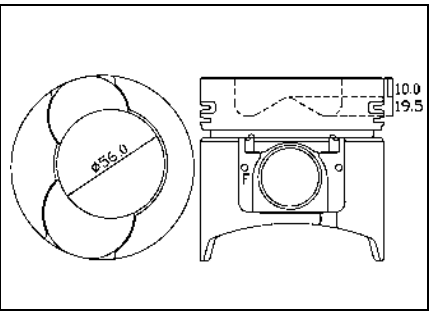
Engine Model	CTM No.	Length	Rings	Pin
4D95	KT0950ADA	83.9	top 2.0 DK 2nd 2.0	30*74
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95mm 4 Cyl. 3,260cc		50.8	oil 4.0	RTW=30



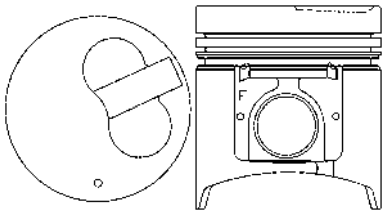
Engine Model	CTM No.	Length	Rings	Pin
4D95 **6D95**	KT09501D KT09501DA	94.0	top 2.0 2nd 2.0	30*74*11
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95mm 4Cyl. 3,260cc 6Cyl. 4,890cc	6204-31-2121	51.0	oil 4.0	RTW=30



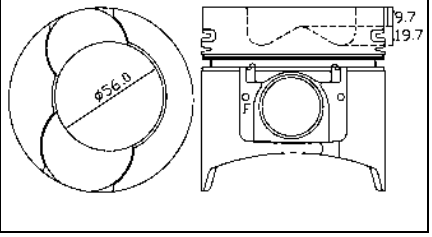
Engine Model	CTM No.	Length	Rings	Pin
S4D95 **S6D95**	KT09502DA	93.9	top 2.4DK 2nd 2.2HK	30*74
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95mm 4Cyl. 3,260cc 6Cyl. 4,890cc	6207-31-2141	51.0	oil 4.0	RTW=30



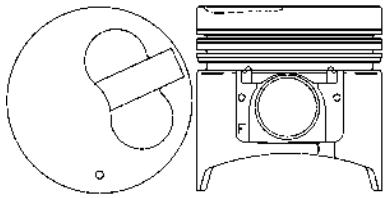
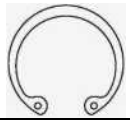
Engine Model	CTM No.	Length	Rings	Pin
4D95S	KT09503D KT09503DA	104.0	top 2.2HK 2nd 2.2HK	30*74
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95mm 4 Cyl. 3,260cc	6202-32-2140	61.0 -1.7 -3.3	oil 4.0	RTW=30

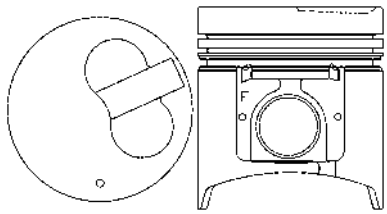
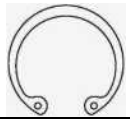


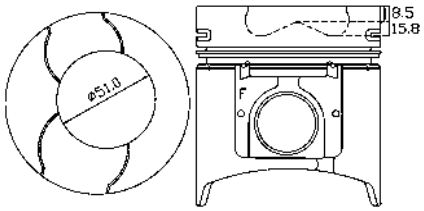
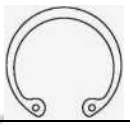
Engine Model	CTM No.	Length	Rings	Pin
S6D95L	KT09505D KT09505DA	94.2	top 2.5DK 2nd 2.4DK	30*74
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95mm 6 Cyl. 4,890cc	6207-31-2180	51.2	oil 4.0	RTW=30

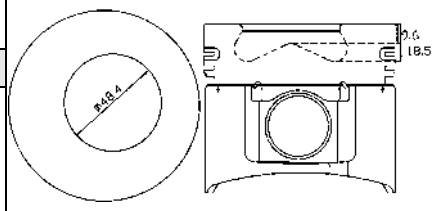
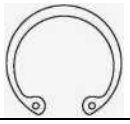


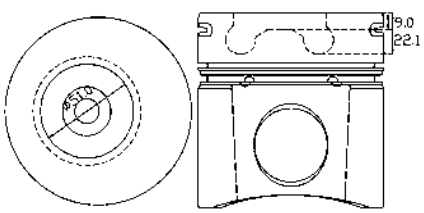
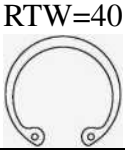
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
4D95L	KT09506D KT09506DA	94.1	top 2.0HK 2nd 2.0	30*74	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 95mm 4 Cyl. 3,260cc	6202-32-2120 6204-32-2161	51.1 -1.7 -3.3	oil 4.0	RTW=30	

Engine Model	CTM No.	Length	Rings	Pin	
4D95	KT09507D KT09507DA	104.0	top 2.2HK 2nd 2.0	30*74	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 95mm 4 Cyl. 3,260cc	6202-32-2130 6201-31-2111	61.0 -1.7 -3.3	oil 4.0	RTW=30	

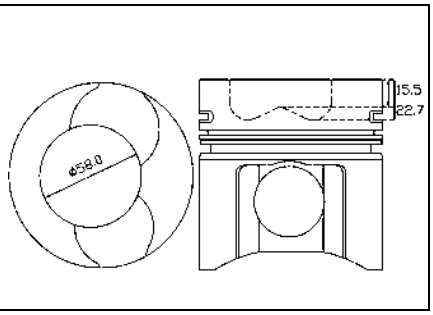
Engine Model	CTM No.	Length	Rings	Pin	
6D95A	KT09508DA	104.3	top 2.0 2nd 2.0	30*74	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 95mm 6 Cyl. 4,890cc	6202-33-2150	61.3	oil 4.0	RTW=30	

Engine Model	CTM No.	Length	Rings	Pin	
4D95	KT09509D	83.9	top 2nd	30*74	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 95mm 4 Cyl. 3,260cc		50.7	oil	RTW=30	

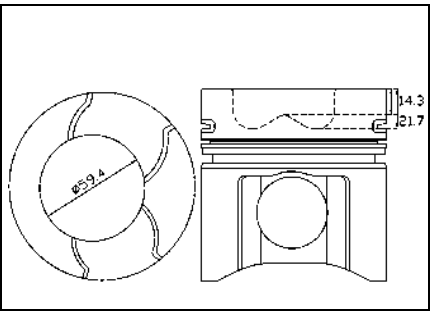
Engine Model	CTM No.	Length	Rings	Pin	
S4D102 **S6D102**	KT10201DA	105.6	top 3.0DK 2nd 2.4	40*83	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 102mm 4Cyl. 3,933cc 6Cyl. 5,900cc	6735-31-2110 6735-31-2111 6735-31-2140	71.6	oil 4.0	RTW=40	

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

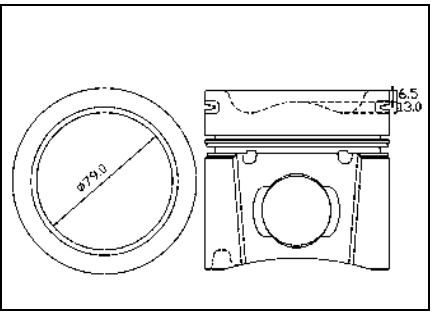
Engine Model	CTM No.	Length	Rings	Pin
4D105 **6D105**	KT10504DA	107.7	top 3.0 2nd 2.5	40*85
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 105mm 4Cyl. 4,326cc 6Cyl. 6,490cc	6136-32-2010 6136-32-2110	69.2	oil 5.0	RTW=40



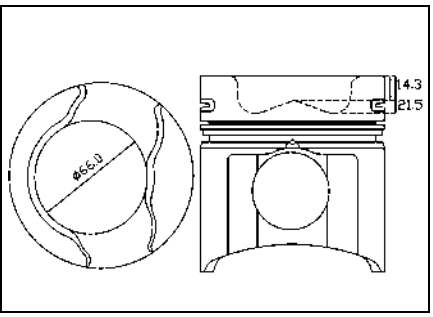
Engine Model	CTM No.	Length	Rings	Pin
SA6D105	KT10507DA	107.6	top 3.0DK 2nd 2.5HK	40*85
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 105mm 6 Cyl. 6,490cc	6137-32-2010 6137-32-2110	69.1	oil 5.0	RTW=40



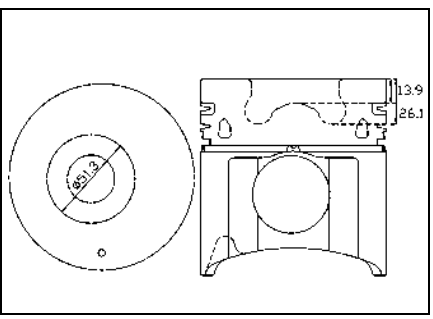
Engine Model	CTM No.	Length	Rings	Pin
S6D107	KT10701DAG	103.1	top 3.0DK 2nd 2.5	40*90
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 107mm 6 Cyl. cc	6754-31-2110	69.3	oil 3.5	RTW=40



Engine Model	CTM No.	Length	Rings	Pin
SA6D108	KT10801DA	113.9	top 2.4DK 2nd 2.5DK	40*85
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 108mm 6 Cyl. 7,145cc	6222-31-2110	66.8	oil 4.0	RTW=40

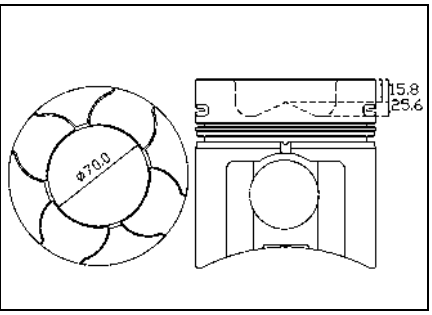


Engine Model	CTM No.	Length	Rings	Pin
S6D108	KT10802DAG	113.8	top 2.4DK 2nd 2.5DK	40*85
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 108mm 6 Cyl. 7,145cc	6222-33-2110	66.7	oil 4.0	RTW=40

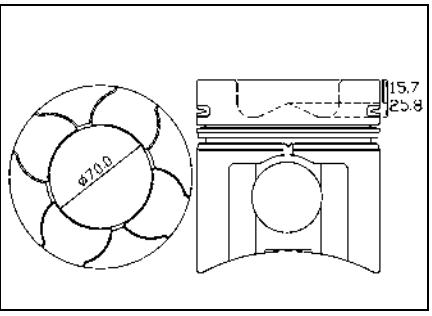


About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

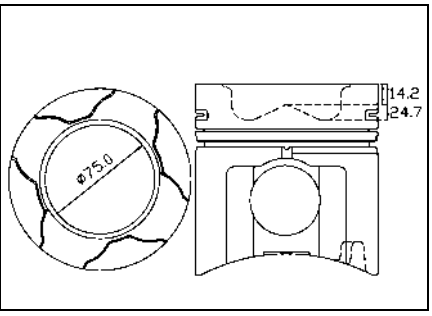
Engine Model	CTM No.	Length	Rings	Pin
6D125	KT12501DA	131.1	top 2.5DK 2nd 2.5DK	48*104
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 125mm 6 Cyl. 11,040cc	6150-31-2012 6150-31-2112	80.1	oil 4.0	RTW=48



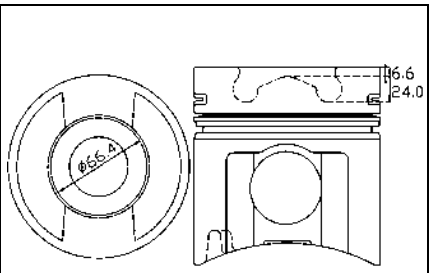
Engine Model	CTM No.	Length	Rings	Pin
6D125	KT12501DA-1	131.1	top 2.5DK 2nd 2.5DK	48*104
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 125mm 6 Cyl. 11,040cc	6150-31-2113	80.1	oil 4.0	RTW=48



Engine Model	CTM No.	Length	Rings	Pin
S6D125	KT12502DA	131.1	top 2.5DK 2nd 2.5DK	48*104
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 125mm 6 Cyl. 11,040cc	6151-31-2071 6151-31-2171	80.1	oil 4.0	RTW=48

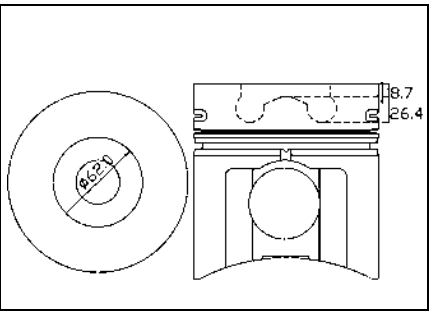


Engine Model	CTM No.	Length	Rings	Pin
S6D125	KT12504DA	131.1	top 2.5DK 2nd 2.5DK	48*104
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 125mm 6 Cyl. 11,040cc	6152-32-2610 6151-32-2110	80.1	oil 4.0	RTW=48

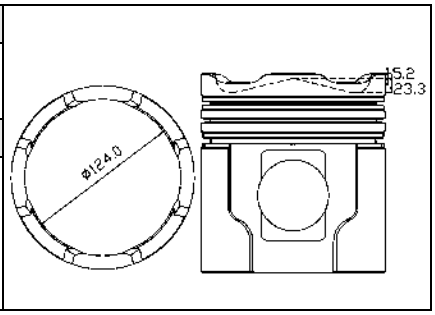
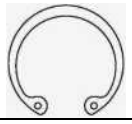


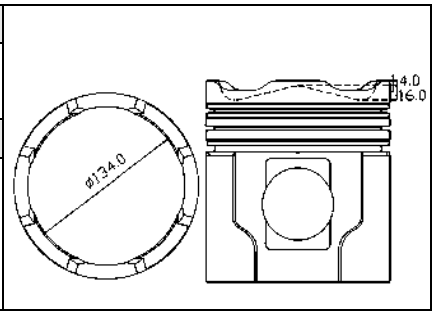
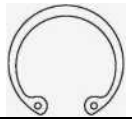
HEAD ANODIZED

Engine Model	CTM No.	Length	Rings	Pin
S6D125	KT12506DA	131.1	top 2.5DK 2nd 2.5DK	48*104
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 125mm 6 Cyl. 11,040cc	6152-31-2112	80.1	oil 4.0	RTW=48



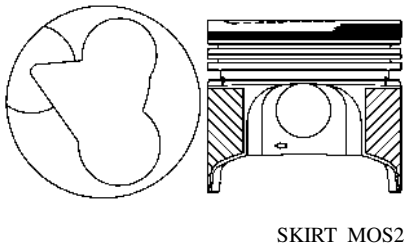
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
SA6D155 Cyl. Dia: 155mm 6 Cyl. 19,260cc	KT15501DA	170.0	top 3.7DK 2nd 3.5DK	60*130	
	OEM No.	Comp. Dist.		Clip	
	6128-31-2050 6128-31-2140	105.0	oil 4.7	RTW=60 	

Engine Model	CTM No.	Length	Rings	Pin	
S6D155 Cyl. Dia: 155mm 6 Cyl. 19,260cc	KT15502DA	167.5	top 3.7DK 2nd 3.5DK	60*130	
	OEM No.	Comp. Dist.		Clip	
	6127-31-2030 6127-31-2140	102.5	oil 4.7	RTW=60 	

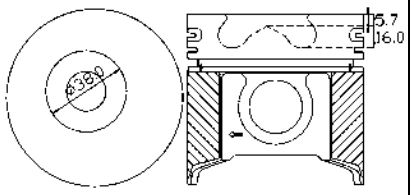
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin
4D78	KB07801DA	69.5	top 2.0HK 2nd 1.5	22*60
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 78mm 4 Cyl. 1,498cc		36.3	oil 4.0	1.6*25



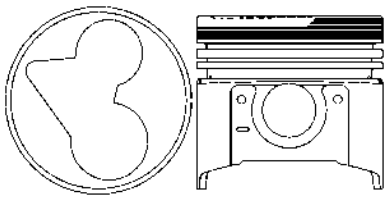
SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
4D83 **(V2203)**	KB08301DA	80.0	top 2.0HK 2nd 2.0	25*64
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 83mm 4 Cyl. 1,999cc	1G770-2111	43.5	oil 4.0	1.6*28



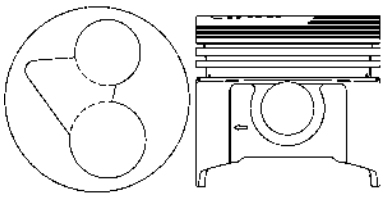
SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
4D87	KB08701D	80.0	top 2.5HK 2nd 2.0	25*64
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 87mm 4 Cyl. 2,197cc		43.5	oil 5.0	1.8*28



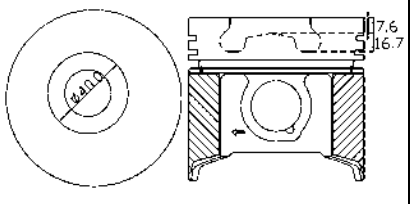
HEAD ANODIZED

Engine Model	CTM No.	Length	Rings	Pin
4D87	KB08702D	80.0	top 2.5HK 2nd 2.0	25*64
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 87mm 4 Cyl. 2,197cc		43.5	oil 5.0	1.8*28



SKIRT MOS2

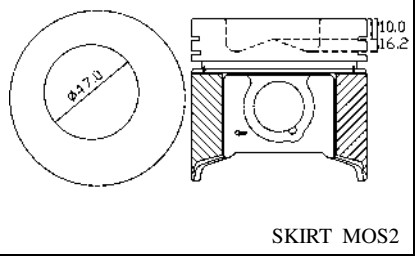
Engine Model	CTM No.	Length	Rings	Pin
4D87	KB08704D	80.0	top 2.0 2nd 2.0	25*64
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 87mm 4 Cyl. 2,197cc	1G861-2113	43.5	oil 4.0	1.8*28



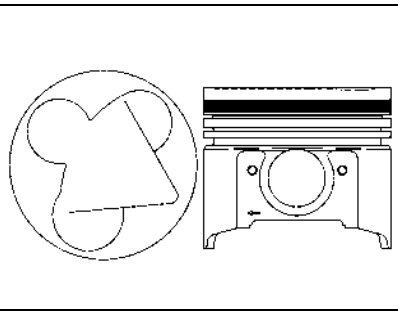
SKIRT MOS2

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

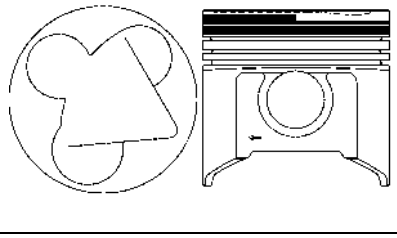
Engine Model	CTM No.	Length	Rings	Pin
4D87 NEW	KB08705D	80.0	top 2.0 2nd 2.0	25*64
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 87mm 4 Cyl. 2,197cc		43.5	oil 4.0	1.8*28



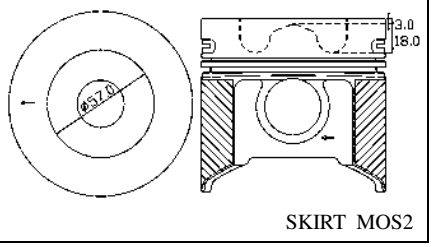
Engine Model	CTM No.	Length	Rings	Pin
V3300	KB09801D	84.0	top 2.0HK 2nd 2.0	30*75
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 98mm 4 Cyl. 3,318cc		47.0	oil 4.0	RTW=30



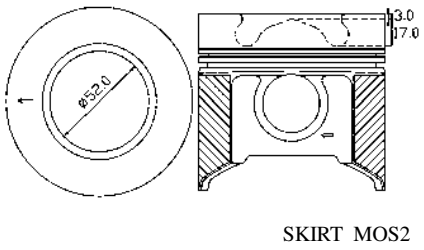
Engine Model	CTM No.	Length	Rings	Pin
V3300	KB09802D	91.7	top 2.0HK 2nd 2.0	30*75
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 98mm 4 Cyl. 3,318cc		46.7	oil 3.0	RTW=30



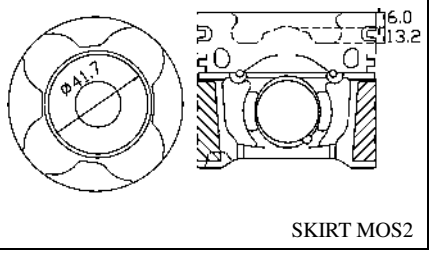
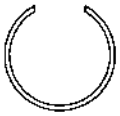
Engine Model	CTM No.	Length	Rings	Pin
V3300	KB09803DA	91.6	top 2.0 2nd 2.0	30*75
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 98mm 4 Cyl. 3,318cc		46.6	oil 3.0	RTW=30

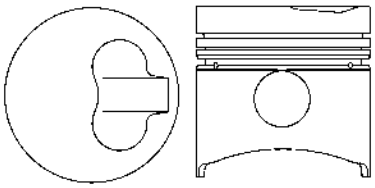
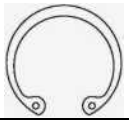


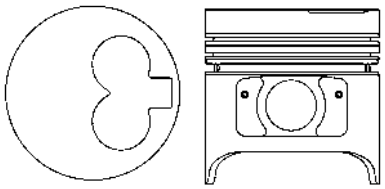
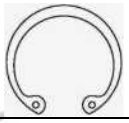
Engine Model	CTM No.	Length	Rings	Pin
V3300TI-E	KB09804D	91.6	top 2.0 2nd 2.0	30*75
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 98mm 4 Cyl. 3,318cc		46.6	oil 3.0	RTW=30

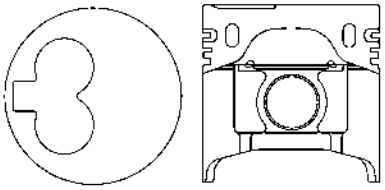
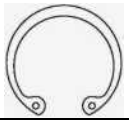


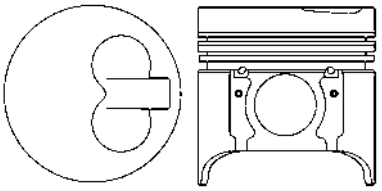
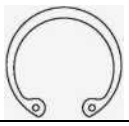
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
MZ-CD **Y6 CDi** Cyl. Dia: 75mm 4 Cyl. 1,560cc	MA07501DAG	65.3	top 3.0DK 2nd 2.0	26*61	
	OEM No.	Comp. Dist.		Clip	
	Y601-11-100	41.7	oil 2.5	1.5*30	 SKIRT MOS2

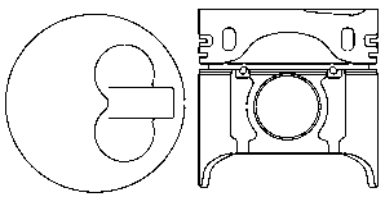
Engine Model	CTM No.	Length	Rings	Pin	
PN Cyl. Dia: 78mm 4 Cyl. 1,720cc	MA07801D	76.1	top 2.0 2nd 1.5	25*64	
	OEM No.	Comp. Dist.		Clip	
	PN11-11-SAOB PN20-11-SAO PN20-11-SBX	41.3 -2.8	oil 3.0	RTW=25	

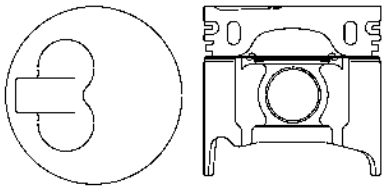
Engine Model	CTM No.	Length	Rings	Pin	
R2 Cyl. Dia: 86mm 4 Cyl. 2,184cc	MA08601DA	86.3	top 2.0 2nd 2.0	25*68.5	
	OEM No.	Comp. Dist.		Clip	
	RF01-23-200/B	47.3 -1.6	oil 4.0	RTW=25	 HEAD ANODIZED

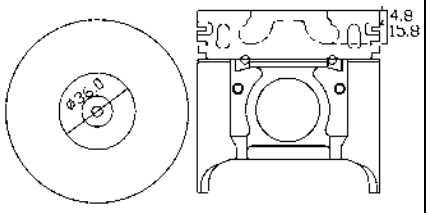
Engine Model	CTM No.	Length	Rings	Pin	
R2 Cyl. Dia: 86mm 4 Cyl. 2,184cc	MA08602DAG	86.2	top 2.0 2nd 2.0	25*68	
	OEM No.	Comp. Dist.		Clip	
	R2Y0-11-SAO	47.2 -1.5	oil 4.0	RTW=25	

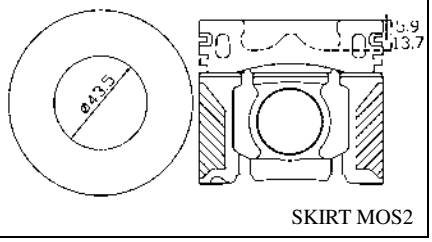
Engine Model	CTM No.	Length	Rings	Pin	
RF Cyl. Dia: 86mm 4 Cyl. 1,998cc	MA08603DA	86.3	top 2.0 2nd 2.0	30*68	
	OEM No.	Comp. Dist.		Clip	
	RFY0-11-SA0/A	47.3 -3.1 -1.2	oil 4.0	RTW=30	

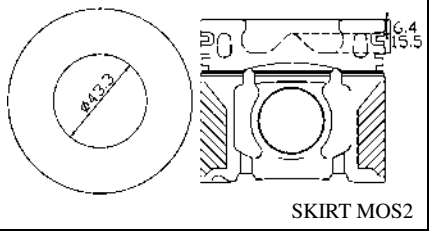
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
RF New	MA08604DAG	86.2	top 2.0HK 2nd 2.0	30*68	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 86mm 4 Cyl. 1,998cc	RFY4-11-SA0A	47.2 -1.2 -3.1	oil 3.0	RTW=30	

Engine Model	CTM No.	Length	Rings	Pin	
R2 New	MA08605DAG	82.2	top 2.0 2nd 2.0	25*64	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 86mm 4 Cyl. 2,184cc	R2Y3-11-SA0B	43.2 -1.2 -2.2	oil 3.0	RTW=25	

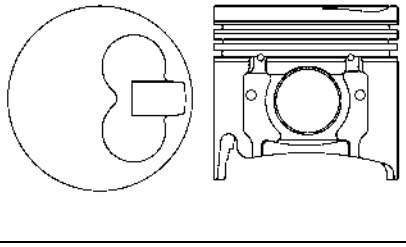
Engine Model	CTM No.	Length	Rings	Pin	
PREMACY **RF2**	MA08606DAG	85.8	top 2.0 2nd 2.0	30*68	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 86mm 4 Cyl. 1,998cc	RFY2-11-SA0/A RFY2-11-SBX/A RFY2-11-SB0/A	46.8	oil 3.0	RTW=30	

Engine Model	CTM No.	Length	Rings	Pin	
MZR-CD 16V 2002 **RF7**	MA08607DAG	75.8	top 2.0 2nd 2.0	30*68	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 86mm 4 Cyl. 1,998cc	RFY7-11-SAOA/B RFY7-11-SBOA/B RFY7-11-SBXA/B	46.8	oil 3.0	RTW=30	

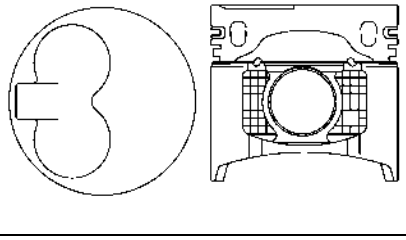
Engine Model	CTM No.	Length	Rings	Pin	
MZR-CD 16V 2005 **RF8**	MA08608DAG	75.8	top 2.0 2nd 2.0	30*68	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 86mm 4 Cyl. 1,998cc	RFY8-11-SAO RFY8-11-SBO RFY8-11-SBX	46.8	oil 3.0	RTW=30	

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

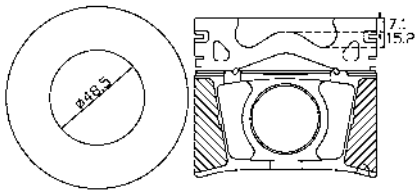
Engine Model	CTM No.	Length	Rings	Pin
WL	MA09301DA	87.4	top 2.5 2nd 2.0	32*70
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 93mm 4 Cyl. 2,499cc	WLY3-11-SAOC WLY5-11-SAOB	47.9 -1.3 -3.2	oil 3.0	RTW=32



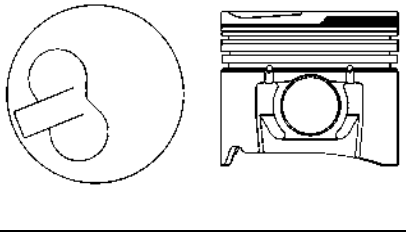
Engine Model	CTM No.	Length	Rings	Pin
WLT	MA09302DAG	87.3	top 2.5 2nd 2.0	32*70
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 93mm 4 Cyl. 2,499cc	WLY1-11-SAOA WLY8-11-SAOB	47.8 -2.0 -2.2	oil 3.0	RTW=32



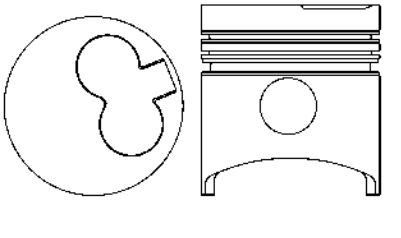
Engine Model	CTM No.	Length	Rings	Pin
BT-50 **WL-C**	MA09303DAG	81.2	top 2.0 2nd 1.5	34*70
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 93mm 4 Cyl. 2,499cc	WLYE-11-SA0 WLYE-11-SB0 WLYE-11-SBX	51.7	oil 2.0	RTW=34



Engine Model	CTM No.	Length	Rings	Pin
JS K2700	MA094501DA	81.7	top 2.0 2nd 2.0	30*76
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 94.5mm 4 Cyl. 2,665cc	K6Z1-11-SAO	50.0 -1.9 -3.4	oil 3.0	RTW=30

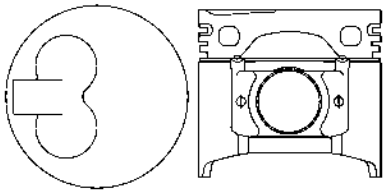


Engine Model	CTM No.	Length	Rings	Pin
HA T3000	MA09502DA	100.7	top 2.4 2nd 2.4	30*79
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95mm 4 Cyl. 2,977cc	SE01-23-200A	53.7 -2.0	oil 4.8	RTW=30

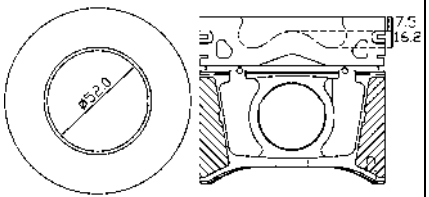


About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin
W9	MA09505DAG	87.3	top 2.5 2nd 2.0	32*70
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95mm 4 Cyl. 2,892cc	W9Y1-11-SAO/B	47.8 -1.5 -3.0	oil 3.0	RTW=32

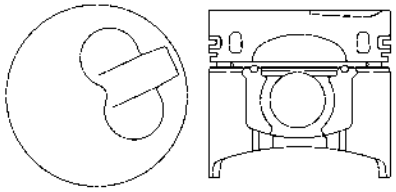


Engine Model	CTM No.	Length	Rings	Pin
BT-50 (2006-2008) **WE**	MA09601DAG	86.2	top 2.0 2nd 1.5	34*70
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 96mm 4 Cyl. 2,953cc	WEY1-11-SAO	51.7	oil 2.0	RTW=34

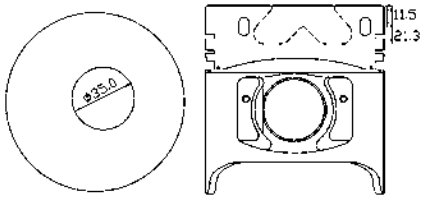


SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
T3000 **VS**	MA09801DAG	90.3	top 2.5 2nd 2.0	30*79
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 98mm 4 Cyl. 2,956cc	VSY1-11-SAO	48.3 -2.0 -3.5	oil 3.0	RTW=30

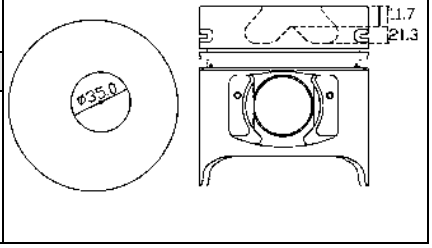


Engine Model	CTM No.	Length	Rings	Pin
SL T3500	MA10001DG	105.0	top 2.5 2nd 2.0	34*82
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 100mm 4 Cyl. 3,455cc	SL07-23-200/B	58.0	oil 4.5	RTW=34



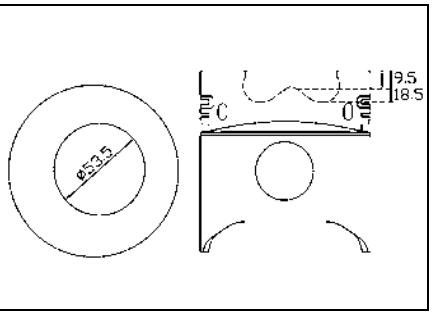
HEAD ANODIZED

Engine Model	CTM No.	Length	Rings	Pin
SL T3500	MA10002DA	105	top 2.5HK 2nd 2.0	34*82
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 100mm 4 Cyl. 3,455cc	SL01-23-200A	58.0	oil 4.5	RTW=34

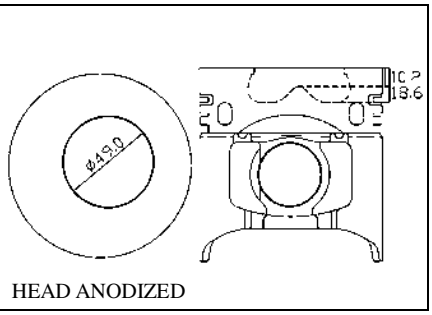


About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

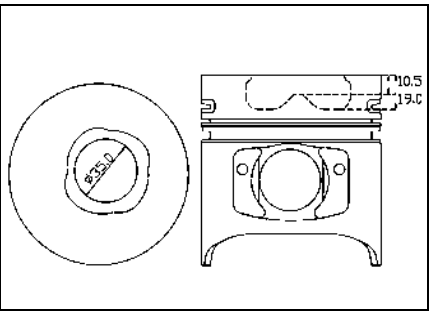
Engine Model	CTM No.	Length	Rings	Pin
SLT T3500T	MA10003DAG	105.2	top 2.5 2nd 2.0	34*82
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 100mm 4 Cyl. 3,455cc	SL50-11-SAO	58.2	oil 4.5	RTW=34



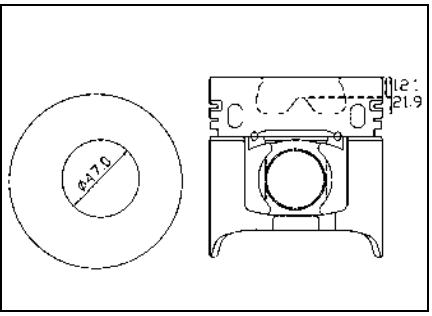
Engine Model	CTM No.	Length	Rings	Pin
SLT T3500T	MA10004DAG	105.0	top 2.5 2nd 2.0	34*82
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 100mm 4 Cyl. 3,455cc	SLA1-11-SAO SLN5-11-SAO	58.0	oil 4.5	RTW=34



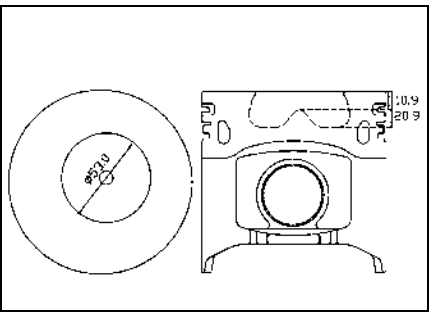
Engine Model	CTM No.	Length	Rings	Pin
SL T3500	MA10005DA	105.0	top 2.5HK 2nd 2.0	34*82
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 100mm 4 Cyl. 3,455cc	SL70-11-SAO	58.0	oil 4.5	RTW=34



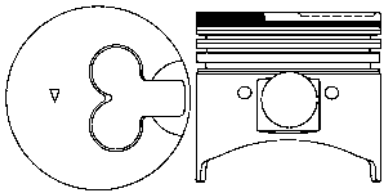
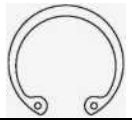
Engine Model	CTM No.	Length	Rings	Pin
TF T4000	MA105502DAG	108.3	top 2.5HK 2nd 2.0	35*87
	OEM No.	Comp. Dist.		Clip
Cyl. Dia:105.5mm 4 Cyl. 4,021cc	TF01-11-SAO TF20-11-SAO	61.4	oil 4.5	RTW=35

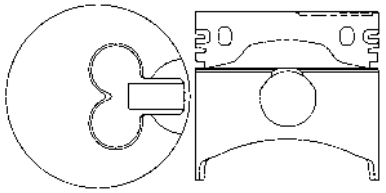
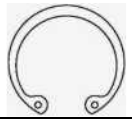


Engine Model	CTM No.	Length	Rings	Pin
TM	MA10901DAG	107.3	top 3.0HK 2nd 2.0	35*79
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 109mm 4 Cyl. 4,553cc	TMYO-11-200 TMYO-11-SAO	61.3	oil 3.0	RTW=35

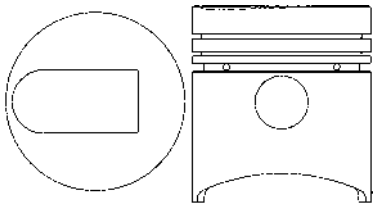
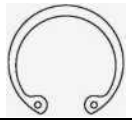


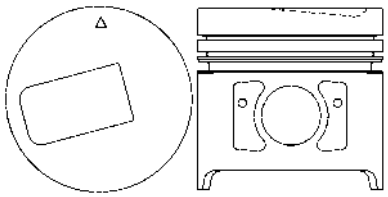
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
4D68	MD082701DA	76.3	top 2.0HK 2nd 2.0	25*66	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 82.7mm 4 Cyl. 1,998cc	MD194163	39.4 -0.4 -1.9	oil 3.0	RTW=25 	

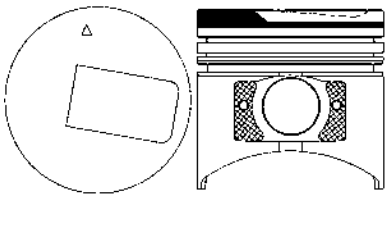
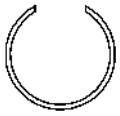
Engine Model	CTM No.	Length	Rings	Pin	
4D68T	MD082702DAG	76.3	top 2.0HK 2nd 2.0HK	25*66	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 82.7mm 4 Cyl. 1,998cc	MD194157	39.3 -0.2 -1.75	oil 3.0	RTW=25 	

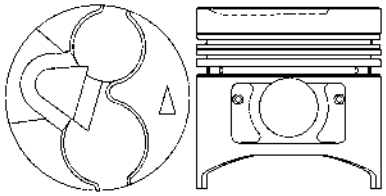
Engine Model	CTM No.	Length	Rings	Pin	
(2004-) **COLT 1.5 DI-D**	MD08301DAG-3	71.7	top 2.0 2nd 2.0	30*66	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 83mm 3 Cyl. 1,493cc	MN960060	45.7	oil 2.0		SKIRT MOS2

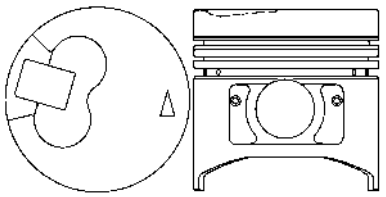
Engine Model	CTM No.	Length	Rings	Pin	
4DQ5	MD08401D	92.3	top 2.5 2nd 2.0	25*70	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 84mm 4 Cyl. 2,084cc	30617-57105	45.3 -1.8	oil 4.0	RTW=25 	

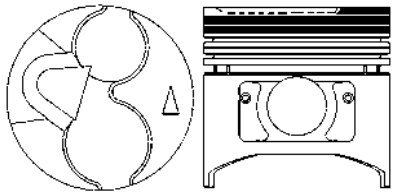
Engine Model	CTM No.	Length	Rings	Pin	
K4Q	MD08801D	86.0	top 2.0HK 2nd 2.0	28*72.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 88mm 4 Cyl. cc	32C17-00100	51.0 -4.0	oil 4.0	RTW=28 	

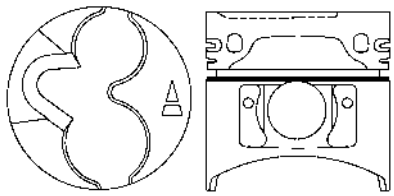
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
K4N Cyl. Dia: 90mm 4 Cyl. 2,290cc	MD09001D	86.4	top 2.5HK 2nd 2.0	27*68	
	OEM No.	Comp. Dist.		Clip	
	MM438685	46.4 -3.2	oil 4.0	1.6*30	

Engine Model	CTM No.	Length	Rings	Pin	
4D55 **4D56** Cyl. Dia: 91.1mm 4Cyl. 2,346cc 4Cyl. 2,476cc	MD091101D MD091101DA	88.7	top 2.5 2nd 2.0	29*75	
	OEM No.	Comp. Dist.		Clip	
	MD050021 MD103318	48.7 -2.6 -2.9	oil 4.0	1.8*33	

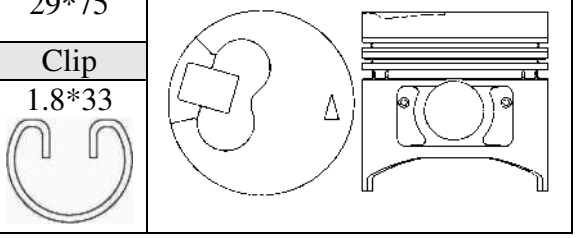
Engine Model	CTM No.	Length	Rings	Pin	
4D56 NEW Cyl. Dia: 91.1mm 4 Cyl. 2,476cc	MD091102D MD091102DA	88.7	top 2.5 2nd 2.0	29*75	
	OEM No.	Comp. Dist.		Clip	
	MD304838 MD304835	48.7 -1.5 -3.2	oil 4.0	1.8*33	

Engine Model	CTM No.	Length	Rings	Pin	
MONTERO、 PAJERO、STRADA (1990-1995) **4D55T/4D56T** Cyl. Dia: 91.1mm 4Cyl. 2,346cc 4Cyl. 2,476cc	MD091103DA	88.7	top 2.5HK 2nd 2.0HK	29*75	
	OEM No.	Comp. Dist.		Clip	
	MD050011 MD103307 MD103308 MD103309	48.7 -2.4 -2.6	oil 4.0	1.8*33	

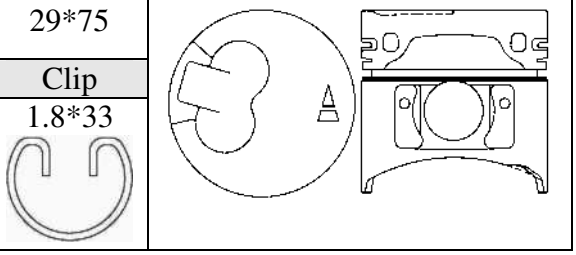
Engine Model	CTM No.	Length	Rings	Pin	
4D55T(L/R) **4D56T(L/R)** Cyl. Dia: 91.1mm 4Cyl. 2,346cc 4Cyl. 2,476cc	MD091104DAG	88.7	top 2.5HK 2nd 2.0HK	29*75	
	OEM No.	Comp. Dist.		Clip	
	MD182601 MD182607 (L/R)	48.7 -2.6 -3.0	oil 4.0	1.8*33	

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

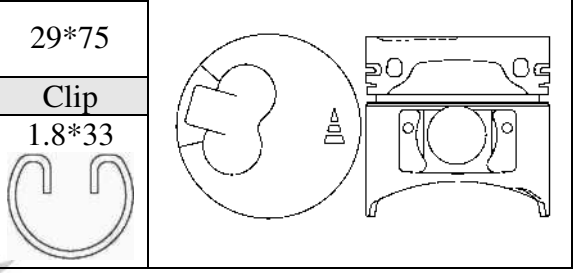
Engine Model	CTM No.	Length	Rings	Pin
4D56T	MD091105DA	88.7	top 2.5HK 2nd 2.0HK	29*75
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 91.1mm 4 Cyl. 2,476cc	MD304850	48.7 -1.5 -3.2	oil 4.0	1.8*33



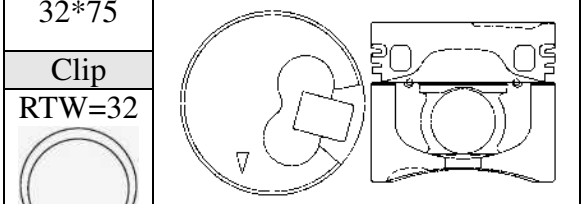
Engine Model	CTM No.	Length	Rings	Pin
4D56T NEW(L/R)	MD091106DAG	88.7	top 2.5HK 2nd 2.0HK	29*75
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 91.1mm 4 Cyl. 2,476cc	MD304853 MD304859 (L/R)	48.7 -1.6 -2.3	oil 4.0	1.8*33



Engine Model	CTM No.	Length	Rings	Pin
4D56T NEW(L/R)	MD091106DAG	88.7	top 2.5HK 2nd 2.0HK	29*75
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 91.1mm 4 Cyl. 2,476cc	MD304853 MD304859 (L/R)	48.7 -1.6 -2.3	oil 4.0	1.8*33

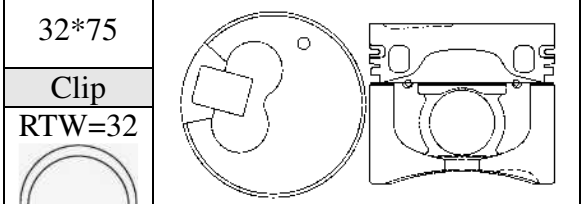


Engine Model	CTM No.	Length	Rings	Pin
4D56T(L)	MD09110ADAG	78.7	top 2.5HK 2nd 2.0HK	32*75
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 91.1mm 4 Cyl. 2,476cc	MD377962 MD377963	48.7 -1.3 -2.6	oil 4.0	RTW=32



HEAD ANODIZED

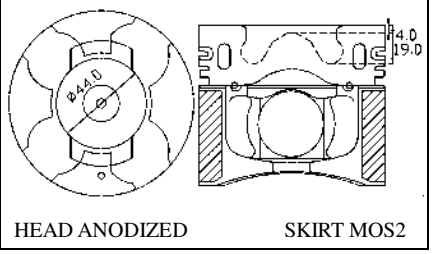
Engine Model	CTM No.	Length	Rings	Pin
4D56T(R)	MD09110ADAG	78.7	top 2.5HK 2nd 2.0HK	32*75
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 91.1mm 4 Cyl. 2,476cc	MD377965 MD377966	48.7 -1.3 -2.6	oil 4.0	RTW=32



HEAD ANODIZED

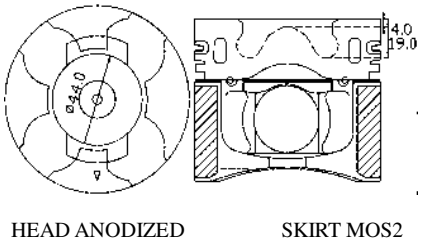
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin
NATIVA、NEW L200 16V、PAJERO SPORT (2005-2010) **4D56T CRDi(L/R)** Cyl. Dia: 91.1mm 4Cyl. 2,476cc	MD09110BDAG	78.2	top 2.5HK 2nd 2.0HK	32*75
	OEM No.	Comp. Dist.		Clip
	1110A593/5/7(1+3)	48.2	oil 4.0	RTW=32



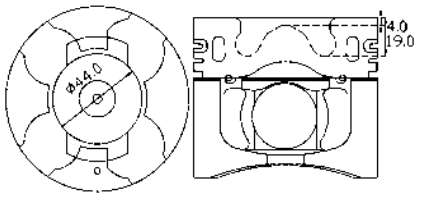
HEAD ANODIZED SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
NATIVA、NEW L200 16V、PAJERO SPORT (2005-2010) **4D56T CRDi(L/R)** Cyl. Dia: 91.1mm 4Cyl. 2,476cc	MD09110BDAG	78.2	top 2.5HK 2nd 2.0HK	32*75
	OEM No.	Comp. Dist.		Clip
	1110A594/6/8(2+4)	48.2	oil 4.0	RTW=32



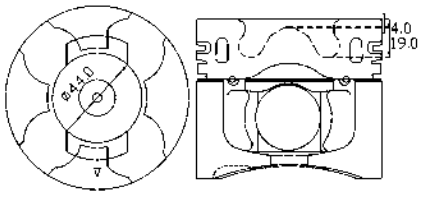
HEAD ANODIZED SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
NATIVA、NEW L200 16V、PAJERO SPORT (2010-) **4D56T CRDi(L/R)** Cyl. Dia: 91.1mm 4Cyl. 2,476cc	MD09110CDAG	78.2	top 2.5HK 2nd 2.0HK	32*75
	OEM No.	Comp. Dist.		Clip
	1110C313/4/5(1+3)	48.2	oil 3.0	RTW=32



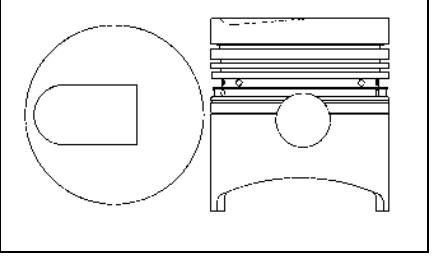
HEAD ANODIZED

Engine Model	CTM No.	Length	Rings	Pin
NATIVA、NEW L200 16V、PAJERO SPORT (2010-) **4D56T CRDi(L/R)** Cyl. Dia: 91.1mm 4Cyl. 2,476cc	MD09110CDAG	78.2	top 2.5HK 2nd 2.0HK	32*75
	OEM No.	Comp. Dist.		Clip
	1110C316/7/8(2+4)	48.2	oil 3.0	RTW=32

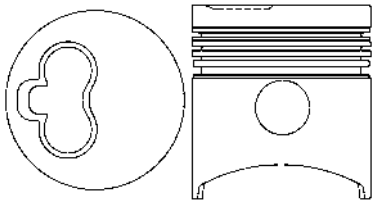
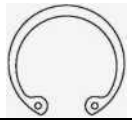


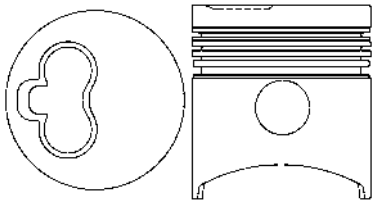
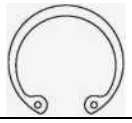
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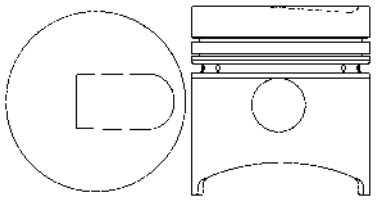
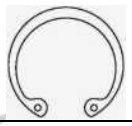
Engine Model	CTM No.	Length	Rings	Pin
4DR5 Cyl. Dia: 92mm 4 Cyl. 2,659cc	MD09201D	99.5	top 2.5HK 2nd 2.0 3rd 2.0	28*77
	OEM No.	Comp. Dist.		Clip
	31617-00106	52.5 -3.9	oil 4.5	RTW=28

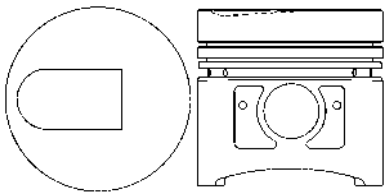
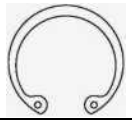


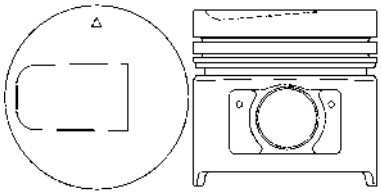
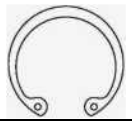
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
4DR5 **4DR51** Cyl. Dia: 92mm 4 Cyl. 2,659cc	MD09202D MD09202DA	99.7	top 2.5HK 2nd 2.0 3rd 2.0 oil 4.5	28*77	
	OEM No.	Comp. Dist.		Clip	
	MD002044 ME002044	52.7 -2.4		RTW=28	

Engine Model	CTM No.	Length	Rings	Pin	
4DR5 NEW Cyl. Dia: 92mm 4 Cyl. 2,659cc	MD09203D MD09203DA	99.7	top 2.5HK 2nd 2.0 3rd 2.0 oil 4.5	28*77	
	OEM No.	Comp. Dist.		Clip	
	ME002177 ME002117	52.7 -2.6		RTW=28	

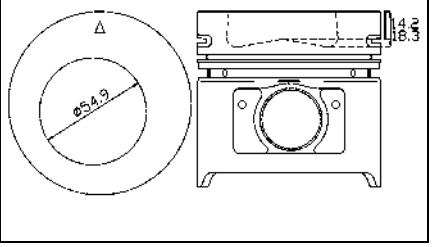
Engine Model	CTM No.	Length	Rings	Pin	
FDC20、FDC25、FDC30 **S4E** Cyl. Dia: 94mm 4 Cyl. 2,610cc	MD09401D	98.5	top 2.5HK 2nd 2.0	28*77	
	OEM No.	Comp. Dist.		Clip	
	34417-20101 34417-10200	51.5 -3.5	oil 4.5	RTW=28	

Engine Model	CTM No.	Length	Rings	Pin	
S4E1 Cyl. Dia: 94mm 4 Cyl. 2,610cc	MD09402D	90.0	top 2.5HK 2nd 2.0	28*77	
	OEM No.	Comp. Dist.		Clip	
	34417-04101	51.7	oil 4.5	RTW=28	

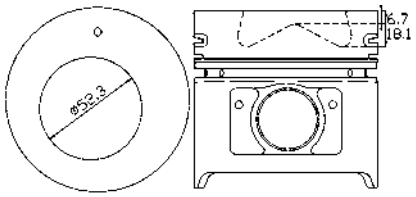
Engine Model	CTM No.	Length	Rings	Pin	
S4S Cyl. Dia: 94mm 4 Cyl. 3,331cc	MD09403DA	89.8	top 2.5HK 2nd 2.0	30*76.5	
	OEM No.	Comp. Dist.		Clip	
	32A17-00100	55.0 -4.5	oil 4.5	RTW=30	

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

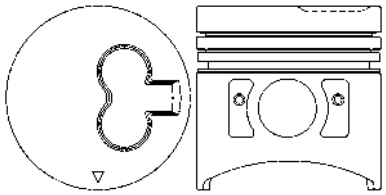
Engine Model	CTM No.	Length	Rings	Pin
S6SD	MD09403DA-6	90.3	top 2.5HK 2nd 2.0	30*77
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 94mm 6 Cyl. 4,996cc	32A17-05102	55.3	oil 4.5	RTW=30



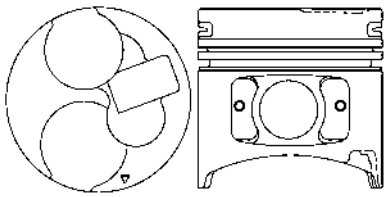
Engine Model	CTM No.	Length	Rings	Pin
S6SD	MD09404DA-6	90.3	top 2.5HK 2nd 2.0	30*77
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 94mm 6 Cyl. 4,996cc	3217-05102	55.3	oil 4.5	RTW=30



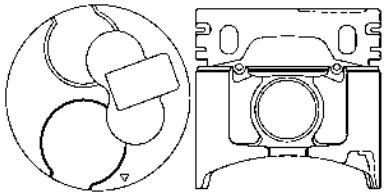
Engine Model	CTM No.	Length	Rings	Pin
4DR7	MD09501D	94.6	top 2.35DK 2nd 2.0	30*78
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95mm 4 Cyl. 2,835cc	ME021861	52.6 -2.3	oil 4.0	RTW=30



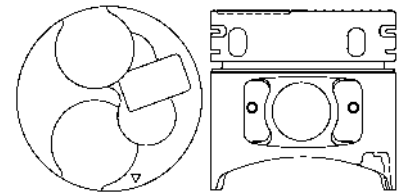
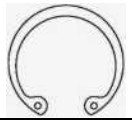
Engine Model	CTM No.	Length	Rings	Pin
4M40	MD09502DA	91.7	top 2.3DK 2nd 2.0	30*78
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95mm 4 Cyl. 2,835cc	ME200680/1 ME200682 ME201780/1 ME201782	51.7 -1.3 -3.0	oil 4.0	RTW=30

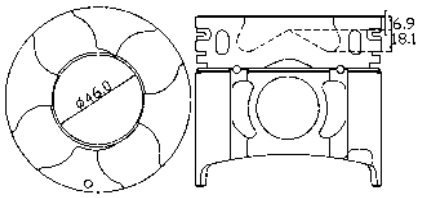
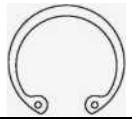

HEAD ANODIZED

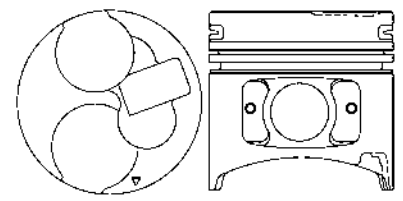
Engine Model	CTM No.	Length	Rings	Pin
4M40T	MD09503DAG	91.6	top 2.3DK 2nd 2.0	30*78
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95mm 4 Cyl. 2,835cc	ME203223 ME203224 ME203225	51.6 -1.2 -1.6 -3.0	oil 3.0	RTW=30

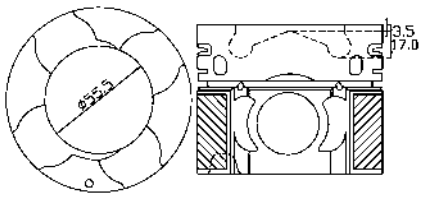

HEAD ANODIZED

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
4M40 NEW	MD09504DAG	91.6	top 2.3DK 2nd 2.0	30*78	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 95mm 4 Cyl. 2,835cc	ME200688/9 ME200690 ME204029 ME204030	51.6 -0.3 -1.2 -3.0	oil 4.0	RTW=30 	HEAD ANODIZED

Engine Model	CTM No.	Length	Rings	Pin	
4M42-0AT	MD09505DAG	87.0	top 2.3DK 2nd 2.0	32*80	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 95mm 4 Cyl. 2,977cc	ME190903 ME190906	47.0	oil 3.0	RTW=32 	

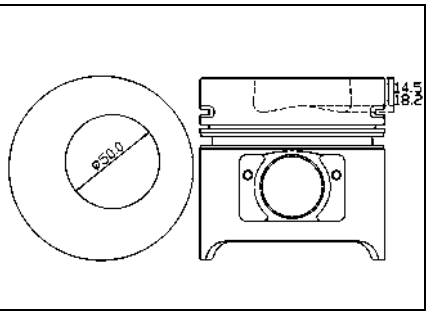
Engine Model	CTM No.	Length	Rings	Pin	
4M40	MD09506DA	91.7	top 2.3DK 2nd 2.0	30*78	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 95mm 4 Cyl. 2,835cc	ME204402	51.7 -1.3 -3.0	oil 3.0	RTW=30 	HEAD ANODIZED

Engine Model	CTM No.	Length	Rings	Pin	
4M42	MD09507DAG	77.0	top 2.3DK 2nd 2.0	32*80	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 95mm 4 Cyl. 2,977cc	ME193937 ME193939	51.0	oil 3.0	RTW=32 	SKIRT MOS2

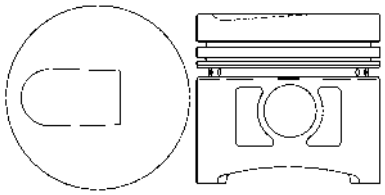
Engine Model	CTM No.	Length	Rings	Pin	
	OEM No.	Comp. Dist.		Clip	

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

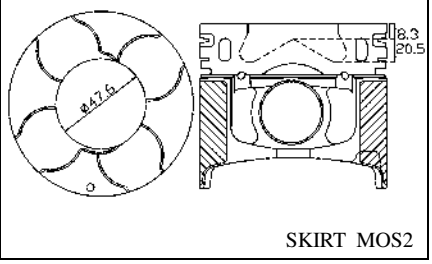
Engine Model	CTM No.	Length	Rings	Pin
S4F Cyl. Dia: 98mm 4 Cyl. 2,955cc	MD09802D MD09802DA	96.5	top 3.0HK 2nd 2.0	32*78
	OEM No.	Comp. Dist.		Clip
	36717-41100	57.6	oil 5.0	RTW=32



Engine Model	CTM No.	Length	Rings	Pin
S4E2 Cyl. Dia: 98mm 4 Cyl. 2,960cc	MD09803D	90.0	top 3.0HK 2nd 2.0	28*77
	OEM No.	Comp. Dist.		Clip
	34417-54100	51.5 -3.4	oil 5.0	RTW=28

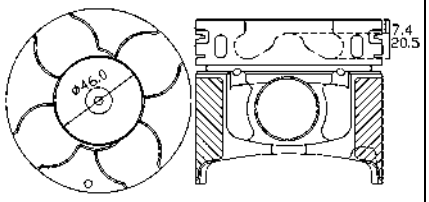


Engine Model	CTM No.	Length	Rings	Pin
4M41 **4M41T** Cyl. Dia: 98.5mm 4 Cyl. 3,200cc	MD098501DAG	87.0	top 2.5DK 2nd 1.5	32*80
	OEM No.	Comp. Dist.		Clip
	ME191469 ME191470 ME191471	47.0	oil 3.0	RTW=32



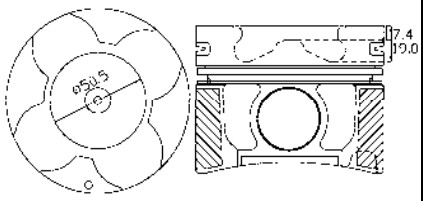
SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
4M41 **4M41T** Cyl. Dia: 98.5mm 4 Cyl. 3,200cc	MD098503DAG	87.0	top 2.5DK 2nd 1.5	32*80
	OEM No.	Comp. Dist.		Clip
	1110B327	47.0	oil 3.0	RTW=32



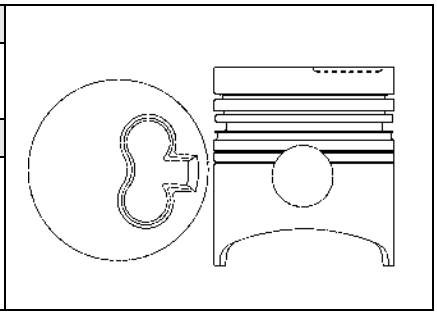
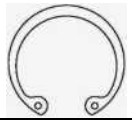
HEAD ANODIZED SKIRT MOS2

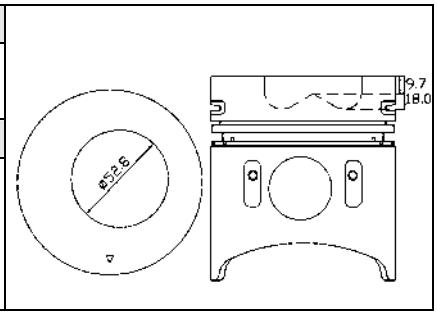
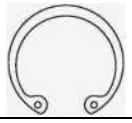
Engine Model	CTM No.	Length	Rings	Pin
4M41T Cyl. Dia: 98.5mm 4 Cyl. 3,200cc	MD098504DAG	77.0	top 2.5DK 2nd 1.5	32*80
	OEM No.	Comp. Dist.		Clip
	1110C081 1110C082 1110C083	49.0	oil 3.0	RTW=32

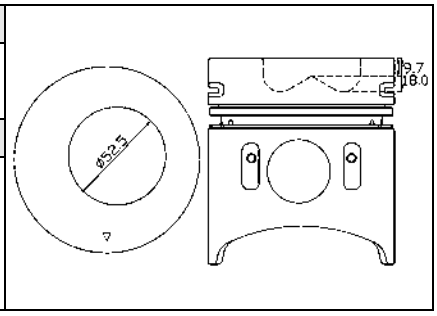
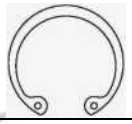


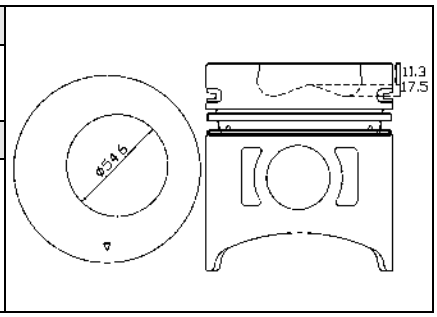
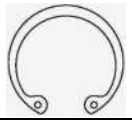
SKIRT MOS2

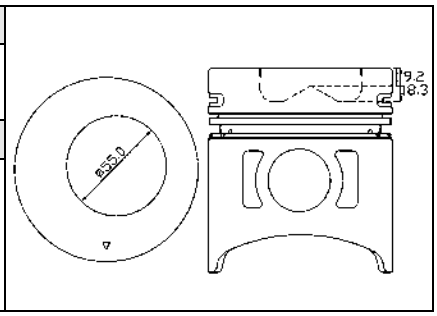
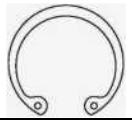
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
4D30	MD10001D	110.3	top 3.0HK 2nd 2.0	34*84	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 100mm 4 Cyl. 3,298cc	ME012001/51 ME012090 ME012100/15 ME012166	60.5 -2.8	oil 5.0	RTW=34	

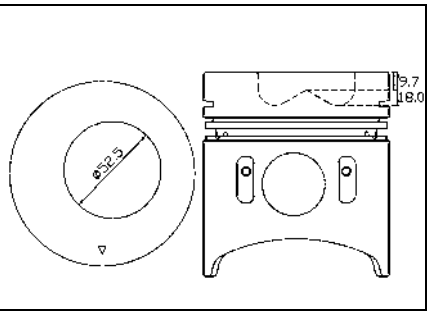
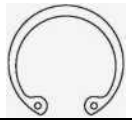
Engine Model	CTM No.	Length	Rings	Pin	
4D31	MD10002D MD10002DA	110.7	top 3.0HK 2nd 2.0	34*84	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 100mm 4 Cyl. 3,298cc	ME012131 ME012145 ME012160	60.7	oil 5.0	RTW=34	

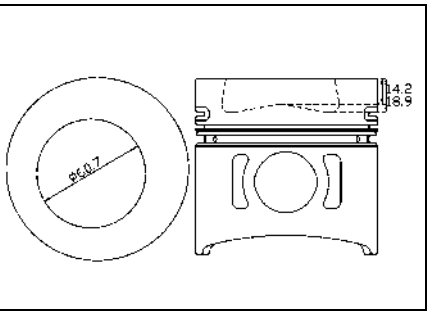
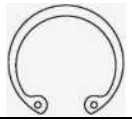
Engine Model	CTM No.	Length	Rings	Pin	
4D31T	MD10003DA	110.7	top 3.0HK 2nd 2.0	34*84	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 100mm 4 Cyl. 3,298cc	ME012906	60.7	oil 5.0	RTW=34	

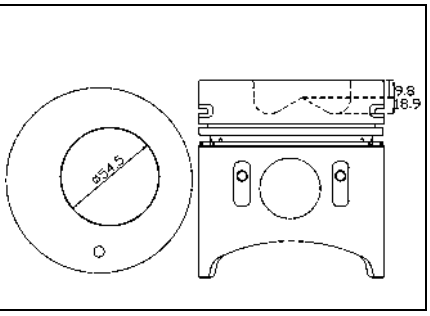
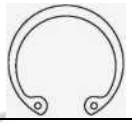
Engine Model	CTM No.	Length	Rings	Pin	
4D31T NEW	MD10004DA	110.7	top 3.0HK 2nd 2.0	34*84	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 100mm 4 Cyl. 3,298cc	ME012858	60.7	oil 4.0	RTW=34	

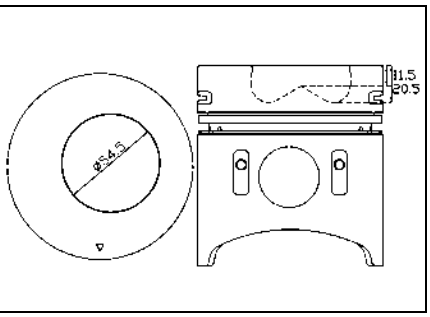
Engine Model	CTM No.	Length	Rings	Pin	
4D31T NEW	MD10005DA	110.7	top 3.0HK 2nd 2.0	34*84	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 100mm 4 Cyl. 3,298cc	ME012155	60.7	oil 5.0	RTW=34	

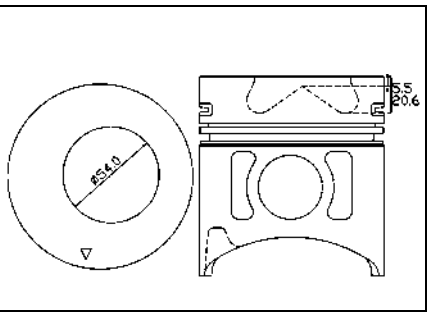
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
4D31	MD10006DA	110.7	top 3.0HK 2nd 2.0	34*84	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 100mm 4 Cyl. 3,298cc	ME012889	60.7	oil 4.0	RTW=34	

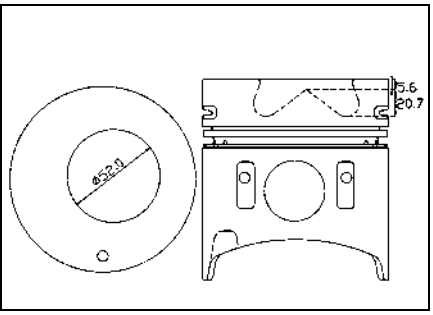
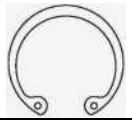
Engine Model	CTM No.	Length	Rings	Pin	
S6KT	MD10201DA	98.0	top 3.0HK 2nd 2.0HK	34*84	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 102mm 6 Cyl. 6,380cc	34317-10200 975-10200	57.8	oil 4.0	RTW=34	

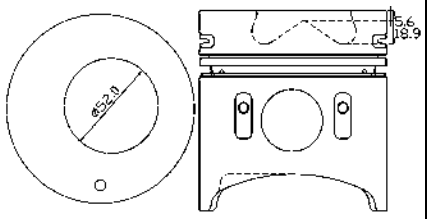
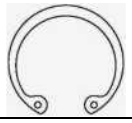
Engine Model	CTM No.	Length	Rings	Pin	
4D32	MD10401D MD10401DA	110.7	top 3.0HK 2nd 2.0	34*84	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 104mm 4 Cyl. 3,567cc	ME012174	60.7	oil 4.0	RTW=34	

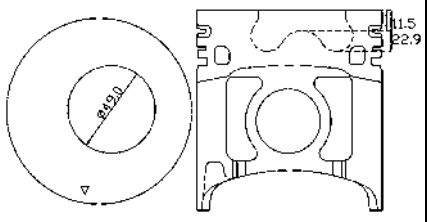
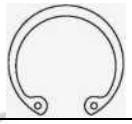
Engine Model	CTM No.	Length	Rings	Pin	
4D34	MD10402D MD10402DA	112.2	top 2.8DK 2nd 2.0	34*84	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 104mm 4 Cyl. 3,907cc	ME012901 ME012928	62.2	oil 4.0	RTW=34	

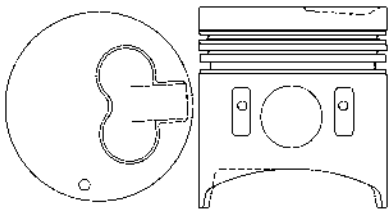
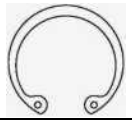
Engine Model	CTM No.	Length	Rings	Pin	
4D34T	MD10403DA	112.2	top 3.0DK 2nd 2.0	36*88	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 104mm 4 Cyl. 3,907cc	ME014160	62.2	oil 4.0	RTW=36	

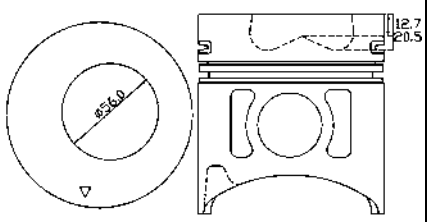
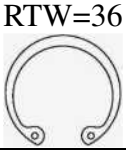
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
4D32 LATE	MD10404DA	112.3	top 2.8DK 2nd 2.0	34*84	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 104mm 4 Cyl. 3,567cc	ME018277	62.3	oil 4.0	RTW=34 	

Engine Model	CTM No.	Length	Rings	Pin	
4D32 NEW	MD10405DA	110.7	top 2.8DK 2nd 2.0	34*84	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 104mm 4 Cyl. 3,567cc	ME018274	60.7	oil 4.0	RTW=34 	

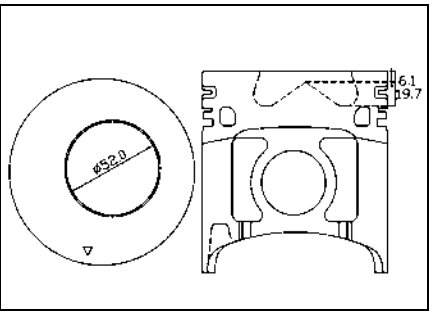
Engine Model	CTM No.	Length	Rings	Pin	
4D34T NEW	MD10406DAG	112.2	top 2.8DK 2nd 2.0	36*88	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 104mm 4 Cyl. 3,907cc	ME011143 ME220470	62.2	oil 4.0	RTW=36 	

Engine Model	CTM No.	Length	Rings	Pin	
4D36	MD10407DA	110.6	top 2.8DK 2nd 2.0	34*84	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 104mm 4 Cyl. 3,567cc	ME018283	60.5 -2.5 -4.6	oil 4.0	RTW=34 	

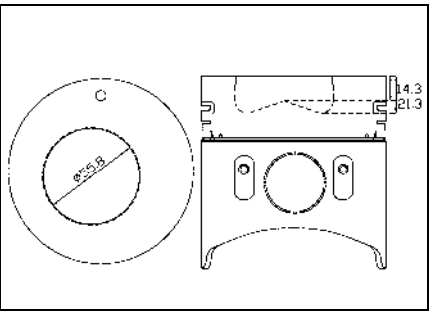
Engine Model	CTM No.	Length	Rings	Pin	
4D34T	MD10408DA	112.2	top 2.8DK 2nd 2.0	36*88	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 104mm 4 Cyl. 3,907cc	ME013325	62.2	oil 4.0	RTW=36 	

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

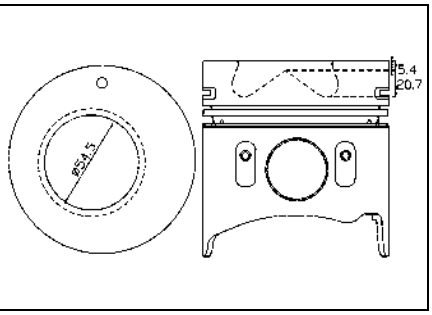
Engine Model	CTM No.	Length	Rings	Pin
4D34 • 2AT **4D34 • 3AT** Cyl. Dia: 104mm 4 Cyl. 3,907cc	MD10409DAG	112.2	top 2.8DK 2nd 2.0	36*88
	OEM No.	Comp. Dist.		Clip
	ME220454	62.2	oil 4.0	RTW=36



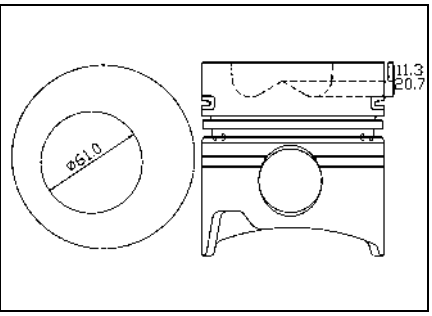
Engine Model	CTM No.	Length	Rings	Pin
4D33 Cyl. Dia: 108mm 4 Cyl. 4,214cc	MD10801DA	112.2	top 3.0 2nd 2.0	34*84
	OEM No.	Comp. Dist.		Clip
	ME012897 ME013312	62.2	oil 4.0	RTW=34



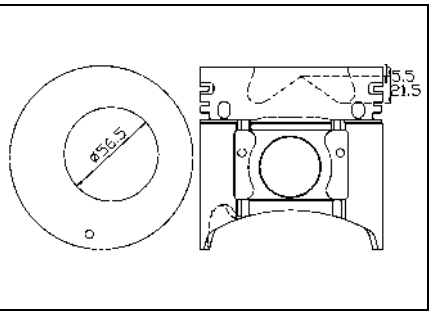
Engine Model	CTM No.	Length	Rings	Pin
4D33 **4D33 • 4A** Cyl. Dia: 108mm 4 Cyl. 4,214cc	MD10802DA	112.1	top 3.0 2nd 2.0	34*84
	OEM No.	Comp. Dist.		Clip
	ME018280	62.2	oil 4.0	RTW=34



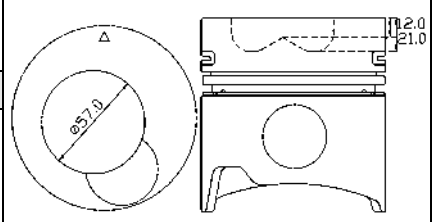
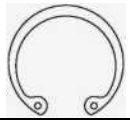
Engine Model	CTM No.	Length	Rings	Pin
6D14 Cyl. Dia: 110mm 6 Cyl. 6,557cc	MD11001D MD11001DA	115.9	top 3.0HK 2nd 2.5	38*90
	OEM No.	Comp. Dist.		Clip
	ME032216 ME032298 ME032531 ME032619/21	70.9	oil 5.0	RTW=38

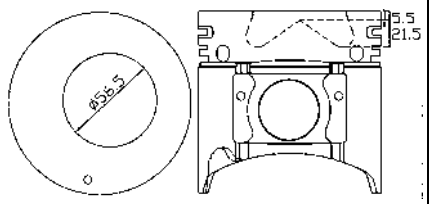
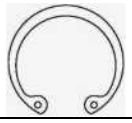


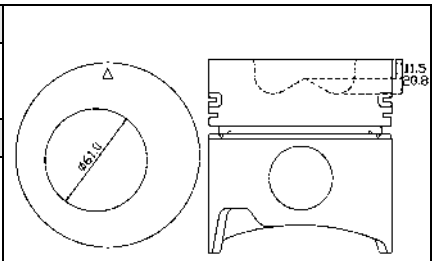
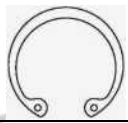
Engine Model	CTM No.	Length	Rings	Pin
4D35 **4D35T** Cyl. Dia: 110mm 4 Cyl. 4,561cc	MD11002DAG	109.6	top 3.0 2nd 2.5	36*88*19
	OEM No.	Comp. Dist.		Clip
	ME018825	59.7	oil 4.0	RTW=36

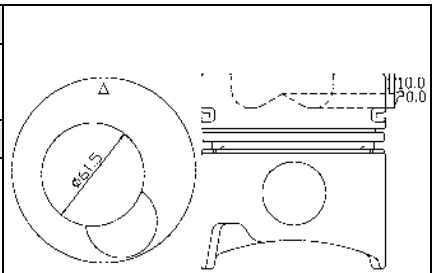
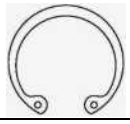


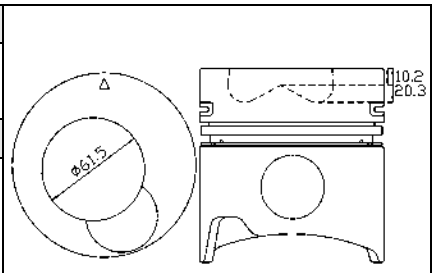
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
6D14 • A	MD11002D-6 MD11002DA-6	116.1	top 3.0HK 2nd 2.5	38*90	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 110mm 6 Cyl. 6,557cc	ME032654 ME032656 ME033916	71.1	oil 5.0	RTW=38	

Engine Model	CTM No.	Length	Rings	Pin	
4D35 **4D35T**	MD11003DAG	109.6	top 3.0 2nd 2.0	36*88	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 110mm 4 Cyl. 4,561cc	ME014693	59.7	oil 4.0	RTW=36	

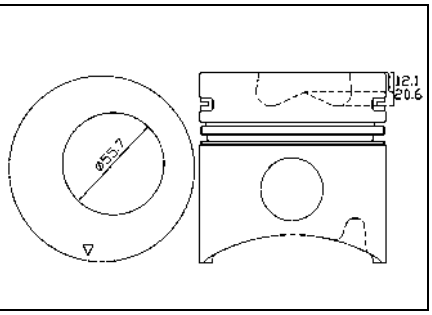
Engine Model	CTM No.	Length	Rings	Pin	
6D14 • 2A	MD11003DA-6	115.8	top 3.0HK 2nd 2.5	38*90	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 110mm 6 Cyl. 6,557cc	ME032620	70.8	oil 5.0	RTW=38	

Engine Model	CTM No.	Length	Rings	Pin	
6D14T	MD11004DA	116.1	top 3.0HK 2nd 2.5	38*90	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 110mm 6 Cyl. 6,557cc	ME032569	71.1	oil 5.0	RTW=38	

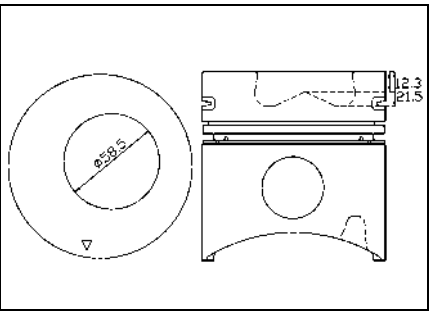
Engine Model	CTM No.	Length	Rings	Pin	
6D14T	MD11005DA	116.1	top 3.0HK 2nd 2.5	38*90	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 110mm 6 Cyl. 6,557cc	ME032742	71.2	oil 5.0	RTW=38	

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

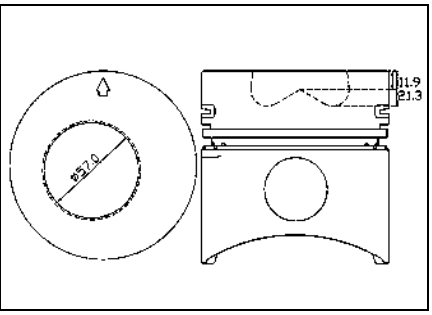
Engine Model	CTM No.	Length	Rings	Pin
6D14 • 2A **6D14 • 3A**	MD11006DA	116.1	top 3.0 2nd 2.5	38*90
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 110mm 6 Cyl. 6,557cc	ME072064 ME072170 ME072172	71.1	oil 4.0	RTW=38



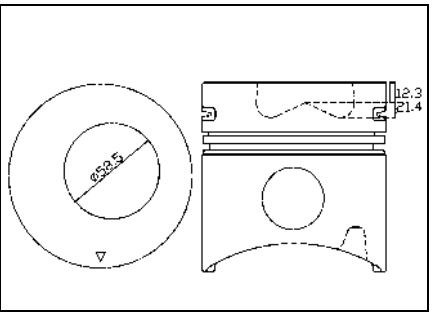
Engine Model	CTM No.	Length	Rings	Pin
6D14 • 3AT	MD11007DA	116.1	top 2.8DK 2nd 2.5	38*90
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 110mm 6 Cyl. 6,557cc	ME072047	71.1	oil 4.0	RTW=38



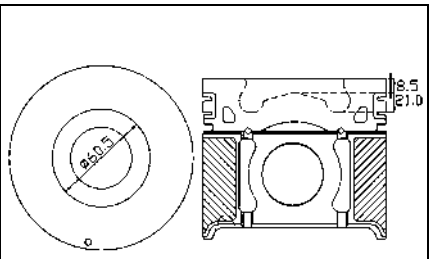
Engine Model	CTM No.	Length	Rings	Pin
6D15	MD11300DA	115.7	top 3.0HK 2nd 2.5	38*90
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 113mm 6 Cyl. 6,919cc	ME032480 ME032593 ME032634 ME033963	70.7	oil 5.0	RTW=38



Engine Model	CTM No.	Length	Rings	Pin
6D15T NEW	MD11303DA	116.1	top 2.8DK 2nd 2.5	38*92
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 113mm 6 Cyl. 6,919cc	ME072055	71.1	oil 4.0	RTW=38

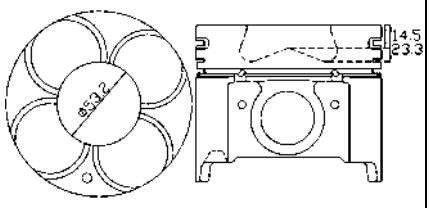
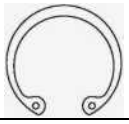


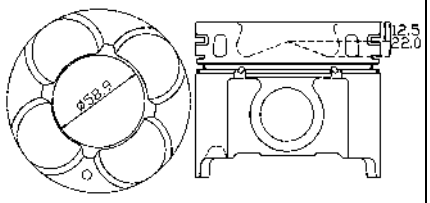
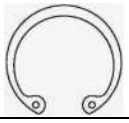
Engine Model	CTM No.	Length	Rings	Pin
CANTER (2006-2007) **4M50T**	MD11401DAG	99.1	top 3.0DK 2nd 2.0	38*93
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 114mm 4 Cyl. 4,899cc	ME224532 ME224533 ME226782 ME226783	59.1	oil 4.0	RTW=38

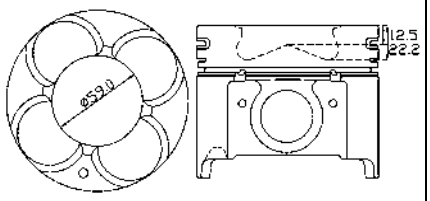
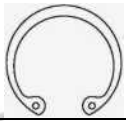


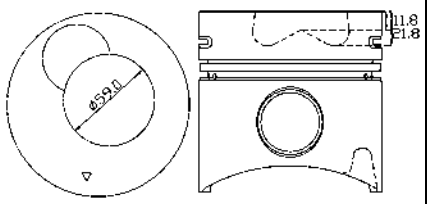
HEAD ANODIZED SKIRT MOS2

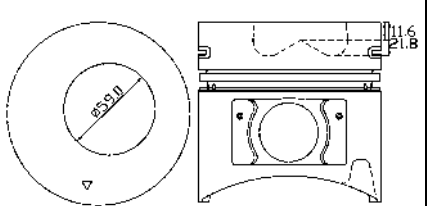
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
CANTER **4M51** Cyl. Dia: 118mm 4 Cyl. 5,249cc	MD11801DA	99.1	top 3.0 2nd 2.0 oil 3.0	34*84	
	OEM No.	Comp. Dist.		Clip	
	ME240047 ME240316	59.1		RTW=34	

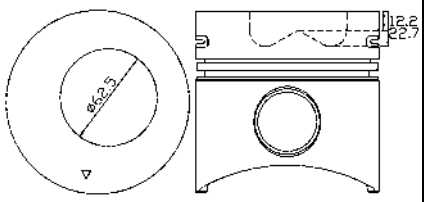
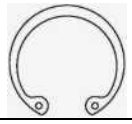
Engine Model	CTM No.	Length	Rings	Pin	
CANTER **4M51T** Cyl. Dia: 118mm 4 Cyl. 5,249cc	MD11802DAG	99.1	top 3.0 2nd 2.0 oil 4.0	34*84	
	OEM No.	Comp. Dist.		Clip	
	ME241686 ME241688	59.1		RTW=34	

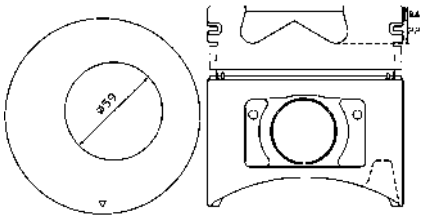
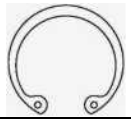
Engine Model	CTM No.	Length	Rings	Pin	
4M51 Cyl. Dia: 118mm 4 Cyl. 5,249cc	MD11803DA	99.1	top 3.0 2nd 2.0 oil 4.0	34*84	
	OEM No.	Comp. Dist.		Clip	
	ME241684	59.1		RTW=34	

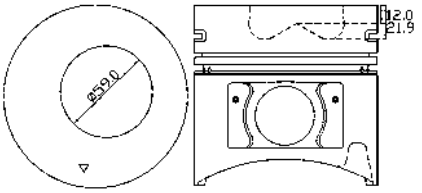
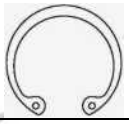
Engine Model	CTM No.	Length	Rings	Pin	
6D16 Cyl. Dia: 118mm 6 Cyl. 7,545cc	MD11800DA	116.1	top 3.0 2nd 2.5 oil 4.0	38*92	
	OEM No.	Comp. Dist.		Clip	
	ME072000 ME072002	71.1		RTW=38	

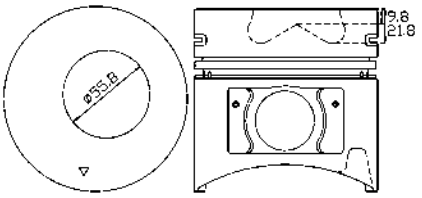
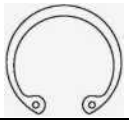
Engine Model	CTM No.	Length	Rings	Pin	
6D16 Cyl. Dia: 118mm 6 Cyl. 7,545cc	MD11801DA-6	116.1	top 3.0 2nd 2.5 oil 4.0	38*92	
	OEM No.	Comp. Dist.		Clip	
	ME072062	71.1		RTW=38	

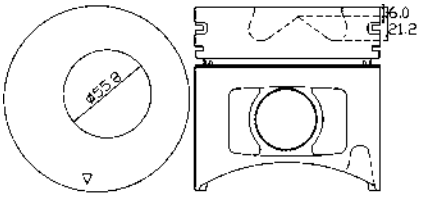
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
6D16T	MD11802DA-6	116.1	top 2.8DK 2nd 2.5	38*93*17	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 118mm 6 Cyl. 7,545cc	ME072065	71.1	oil 4.0	RTW=38	

Engine Model	CTM No.	Length	Rings	Pin	
6D17	MD11803DA-6	111.1	top 3.0 2nd 2.5	38*92.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 118mm 6 Cyl. 8,201cc	ME072576	66.1	oil 4.0	RTW=38	

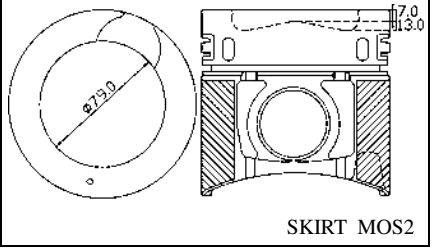
Engine Model	CTM No.	Length	Rings	Pin	
6D16	MD11804DA	116.1	top 3.0 2nd 2.5	38*92	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 118mm 6 Cyl. 7,545cc	ME072324	71.1	oil 4.0	RTW=38	

Engine Model	CTM No.	Length	Rings	Pin	
6D16	MD11805DA	116.1	top 3.0 2nd 2.5	38*92	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 118mm 6 Cyl. 7,545cc	ME072445	71.1	oil 4.0	RTW=38	

Engine Model	CTM No.	Length	Rings	Pin	
6D16	MD11806DA	116.0	top 3.0 2nd 2.5	38*92	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 118mm 6 Cyl. 7,545cc	ME072545	71.0	oil 4.0	RTW=38	

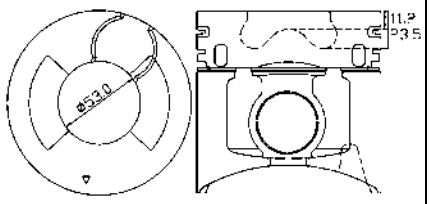
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin
6M60T	MD11807DABG	116.1	top 2.8DK 2nd 2.5	42*92.5
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 118mm 6 Cyl. 7,545cc	ME305672 ME305673	71.0	oil 4.0	RTW=42



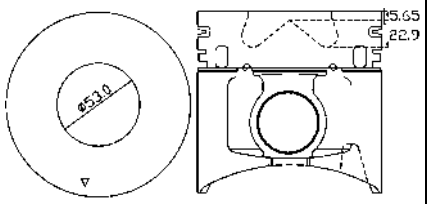
SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
6M60T	MD11808DAG	116.0	top 2.8DK 2nd 2.5	38*92
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 118mm 6 Cyl. 7,545cc	ME133271 ME133273	71.1	oil 4.0	RTW=38

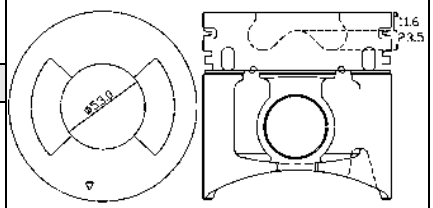


HEAD ANODIZED

Engine Model	CTM No.	Length	Rings	Pin
6D16 • 3AT	MD11809DAG	116.1	top 2.8DK 2nd 2.5	38*92
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 118mm 6 Cyl. 7,545cc	ME072549	71.1	oil 4.0	RTW=38

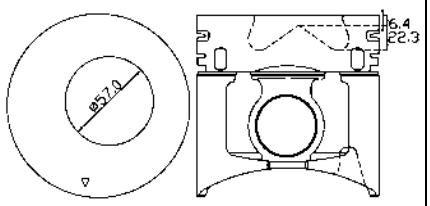


Engine Model	CTM No.	Length	Rings	Pin
6D16T	MD11809DAG-H	116.1	top 2.8DK 2nd 2.5	38*92
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 118mm 6 Cyl. 7,545cc	ME133271	71.1	oil 4.0	RTW=38



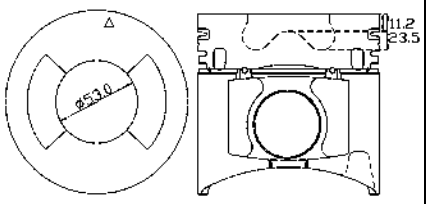
HEAD ANODIZED

Engine Model	CTM No.	Length	Rings	Pin
6D16 • 3AT	MD1180ADAG	116.1	top 2.8DK 2nd 2.5	38*92
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 118mm 6 Cyl. 7,545cc	ME072570	71.1	oil 4.0	RTW=38



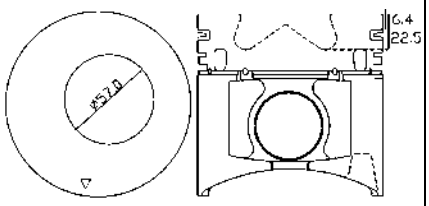
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin
6M60T	MD1180BDAG	116.0	top 2.8DK 2nd 2.5	42*92.5
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 118mm 6 Cyl. 7,545cc	ME131943	71.1	oil 4.0	RTW=42

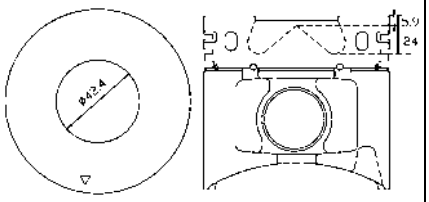


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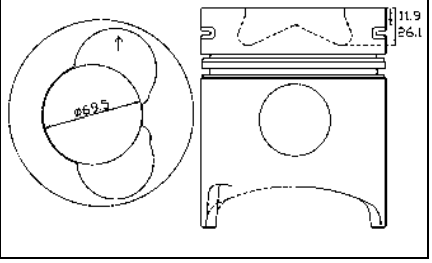
Engine Model	CTM No.	Length	Rings	Pin
6D16T	MD1180CDAG	116.0	top 2.8DK 2nd 2.5	38*92
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 118mm 6 Cyl. 7,545cc	ME300199	71.1	oil 4.0	RTW=38



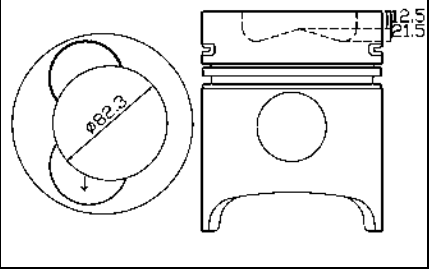
Engine Model	CTM No.	Length	Rings	Pin
6D17	MD1180GDAG	112.1	top 3.0 2nd 2.5	38*92.5
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 118mm 6 Cyl. 7,545cc	ME072576	66.1	oil 4.0	RTW=38



Engine Model	CTM No.	Length	Rings	Pin
6D24	MD13000DAG	153.1	top 3.3DK 2nd 3.0	50*106
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 130mm 6 Cyl. 11,149cc	ME158096	78.1	oil 4.0	RTW=50

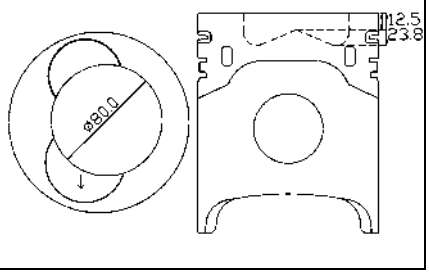


Engine Model	CTM No.	Length	Rings	Pin
6D22T	MD13003DA	158.2	top 3.3DK 2nd 3.0	50*106
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 130mm 6 Cyl. 11,149cc	ME052665 ME052540	83.0	oil 6.0	RTW=50

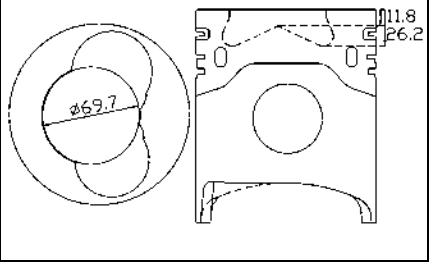


About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

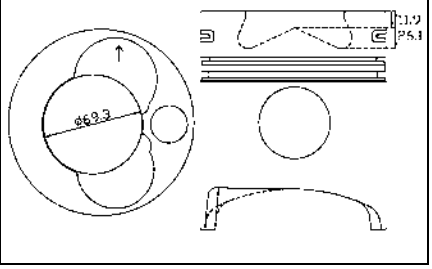
Engine Model	CTM No.	Length	Rings	Pin
6D22 • 3AT	MD13005DAG	158.2	top 3.3DK 2nd 3.0	50*106
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 130mm 6 Cyl. 11,149cc	ME052792	83.0	oil 4.0	RTW=50



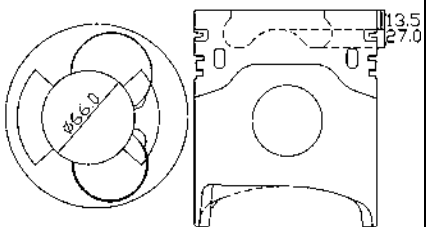
Engine Model	CTM No.	Length	Rings	Pin
6D24	MD13006DAG	153.1	top 3.3DK 2nd 3.0	50*106
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 130mm 6 Cyl. 11,945cc	ME151409 ME151413 ME151414 ME151415	78.1	oil 4.0	RTW=50



Engine Model	CTM No.	Length	Rings	Pin
6D24 • 3V	MD13007DAG	153.1	top 3.3DK 2nd 3.0	50*106
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 130mm 6 Cyl. 11,945cc	ME151416 ME151420 ME151421 ME151422	78.1	oil 4.0	RTW=50

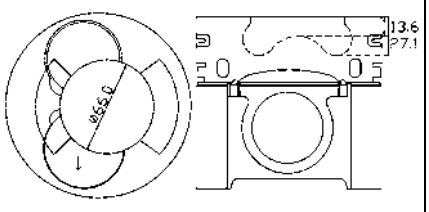


Engine Model	CTM No.	Length	Rings	Pin
6D24	MD1300ADAG	153.1	top 3.3DK 2nd 3.0	50*106
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 130mm 6 Cyl. 11,945cc	ME152652	78.1	oil 4.0	RTW=50



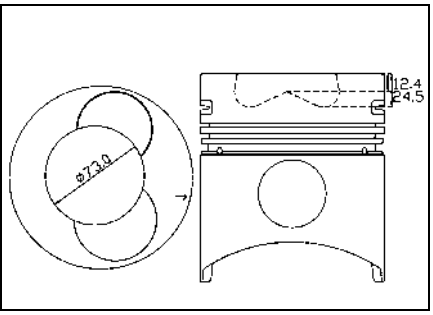
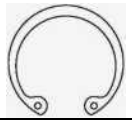
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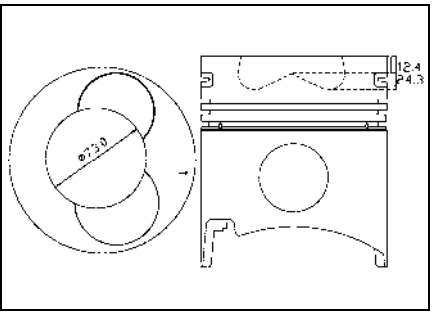
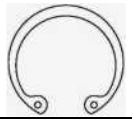
Engine Model	CTM No.	Length	Rings	Pin
6D24T	MD1300BDAG	121.0	top 3.4DK 2nd 2.5	50*106
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 130mm 6 Cyl. 11,945cc	ME153081	78.0	oil 4.0	RTW=50

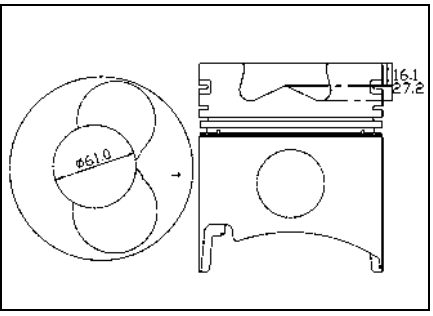
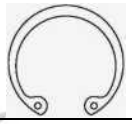


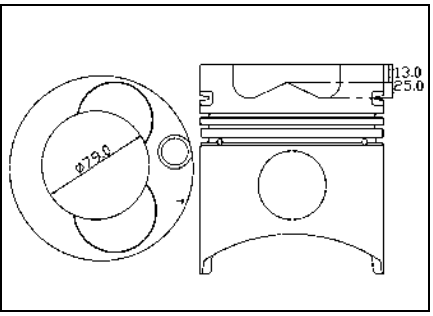
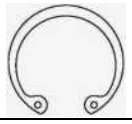
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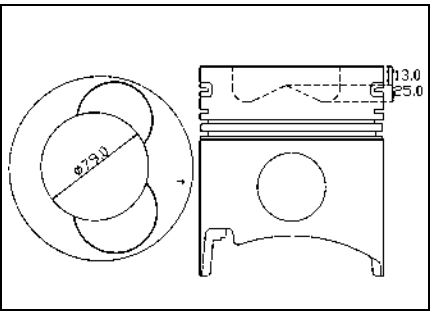
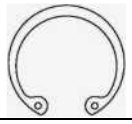
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
8DC91	MD13506DA	153.1	top 3.3DK 2nd 3.0 3rd 3.0 oil 6.0	50*112	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 135mm 8 Cyl. 16,031cc	ME062336	88.1		RTW=50	

Engine Model	CTM No.	Length	Rings	Pin	
8DC91T	MD13507DA	153.1	top 3.3DK 2nd 3.0 3rd 3.0 oil 4.0	50*112	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 135mm 8 Cyl. 16,031cc	ME090163 ME091048	88.1		RTW=50	

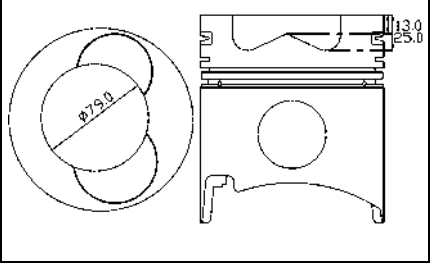
Engine Model	CTM No.	Length	Rings	Pin	
8DC9 • 3A	MD13508DA	153.1	top 3.3DK 2nd 3.0 3rd 3.0 oil 4.0	50*112	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 135mm 8 Cyl. 16,031cc	ME093424	88.1		RTW=50	

Engine Model	CTM No.	Length	Rings	Pin	
8DC9 • 3AT	MD1350ADA	153.0	top 3.5DK 2nd 3.0 3rd 3.0 oil 4.0	50*112	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 135mm 8 Cyl. 14,886cc	ME090167	88.0		RTW=50	

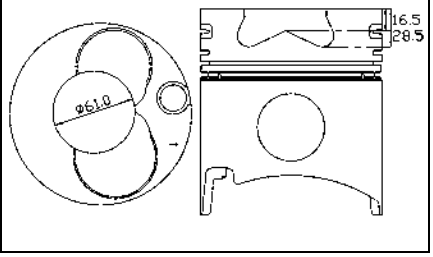
Engine Model	CTM No.	Length	Rings	Pin	
8DC91 • 3AT	MD1350BDA	153.0	top 3.3DK 2nd 3.0 3rd 3.0 oil 4.0	50*112	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 135mm 8 Cyl. 16,031cc	ME092922	88.0		RTW=50	

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

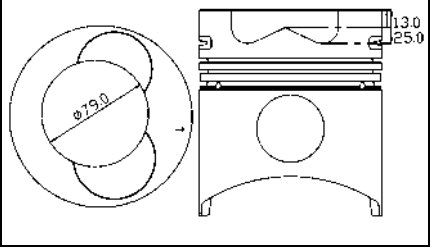
Engine Model	CTM No.	Length	Rings	Pin
8DC9T2	MD1350DDA	153.0	top 3.3DK 2nd 3.0	50*112
	OEM No.	Comp. Dist.	3rd 3.0	Clip
Cyl. Dia: 135mm 8 Cyl. 16,031cc	ME091311	88.0	oil 4.0	RTW=50



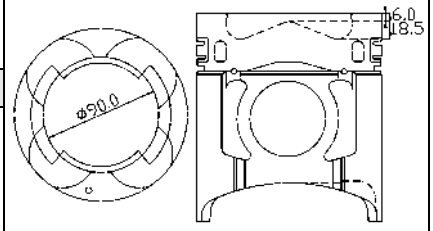
Engine Model	CTM No.	Length	Rings	Pin
8DC9T2 • 3V	MD1350EDA	153.1	top 3.3DK 2nd 3.0	50*112
	OEM No.	Comp. Dist.	3rd 3.0	Clip
Cyl. Dia: 135mm 8 Cyl. 16,031cc	ME093526	88.1	oil 4.0	RTW=50



Engine Model	CTM No.	Length	Rings	Pin
8DC91	MD1350FDA	153.0	top 3.5DK 2nd 3.0	50*112
	OEM No.	Comp. Dist.	3rd 3.0	Clip
Cyl. Dia: 135mm 8 Cyl. 14,886cc	ME091419	88.0	oil 4.0	RTW=50

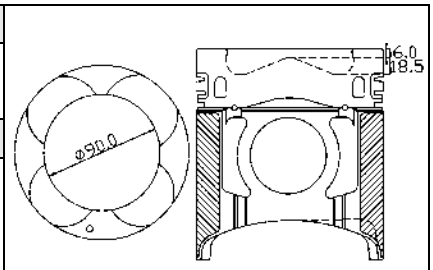


Engine Model	CTM No.	Length	Rings	Pin
6M70	MD1350ADAG-6	151.8	top 3.3DK 2nd 2.5	55*109
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 135mm 6 Cyl. cc		76.8	oil 4.0	RTW=55



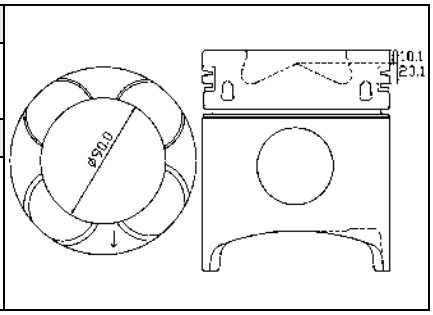
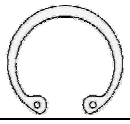
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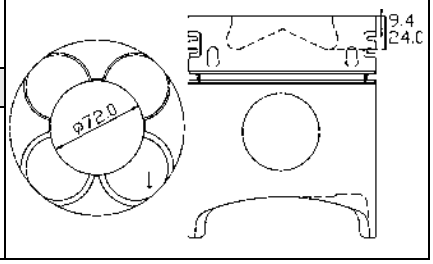
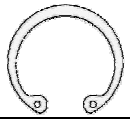
Engine Model	CTM No.	Length	Rings	Pin
6M70	MD1350BDAG-6	151.8	top 3.3DK 2nd 2.5	55*109
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 135mm 6 Cyl. cc		76.8	oil 4.0	RTW=55

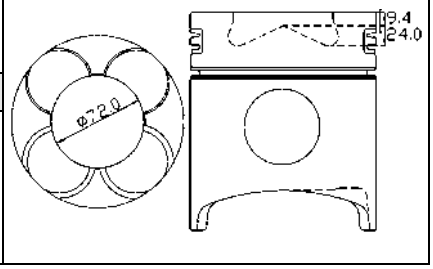


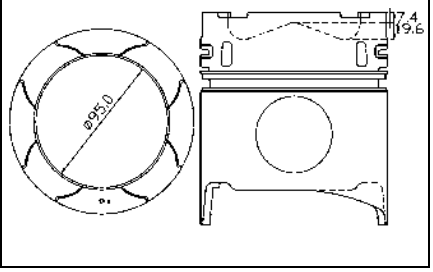
SKIRT MOS2

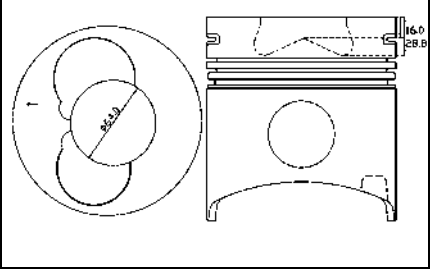
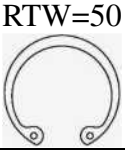
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
6D40T	MD1350CDAG-6	157.6	top 3.3DK 2nd 3.0	55*109	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 135mm 6 Cyl. 12,023cc	ME120533	82.6	oil 4.0	RTW=55	

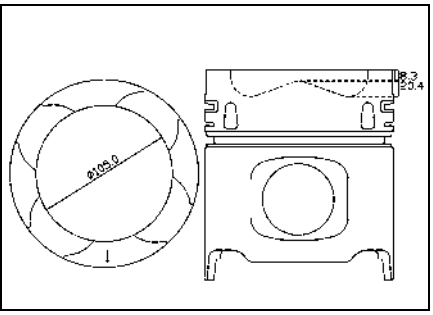
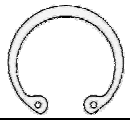
Engine Model	CTM No.	Length	Rings	Pin	
6D40T	MD1350DDAG-6	157.6	top 3.5DK 2nd 3.0	55*109	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 135mm 6 Cyl. 12,023cc	ME121778	82.6	oil 4.0	RTW=55	

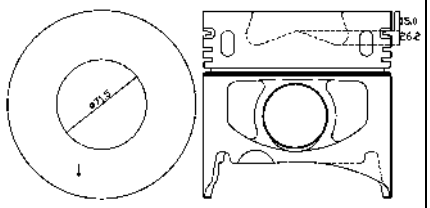
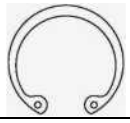
Engine Model	CTM No.	Length	Rings	Pin	
6D40T	MD1350EDAG-6	157.6	top 3.3DK 2nd 1.8	55*109	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 135mm 6 Cyl. 12,023cc	ME121199	82.6	oil 2.4	RTW=55	

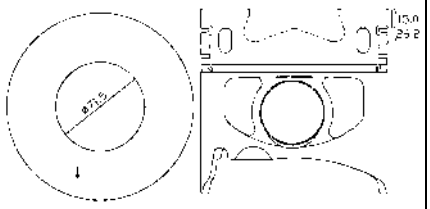
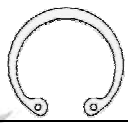
Engine Model	CTM No.	Length	Rings	Pin	
S6B2T	MD1350XDAG	152.9	top 4.0HK 2nd 3.0HK	55*112	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 135mm 6 Cyl. cc	36217-67100	87.8	oil 6.0	RTW=55	

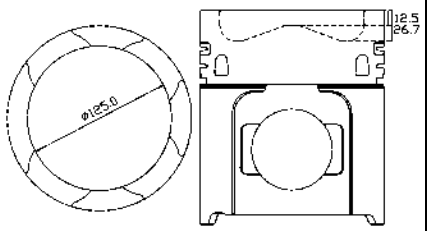
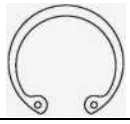
Engine Model	CTM No.	Length	Rings	Pin	
8DC11	MD14202DA	153.0	top 3.3DK 2nd 3.0 3rd 3.0	50*112	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 142mm 8 Cyl. 16,752cc	ME093426	88.0	oil 4.0	RTW=50	

About engines	About pistons	About rings
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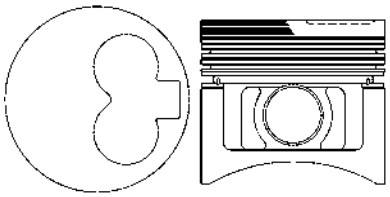
Engine Model	CTM No.	Length	Rings	Pin	
S6A	MD14501DAG	161.7	top 4.5HK 2nd 3.0HK	55*112	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 145mm Cyl. cc	32517-60400	99.7	oil 6.0	RTW=55	

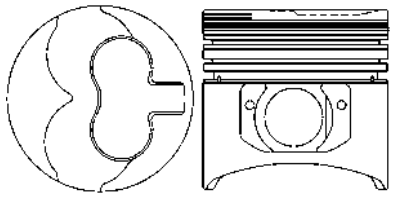
Engine Model	CTM No.	Length	Rings	Pin	
8M21	MD15001DAG	147.8	top 3.4DK 2nd 3.0 3rd 3.0	50*112	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 150mm 8 Cyl. cc	ME163823	82.7	oil 4.0	RTW=50	

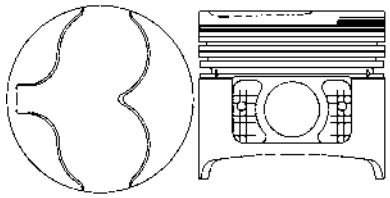
Engine Model	CTM No.	Length	Rings	Pin	
8M21	MD15002DAG	147.8	top 3.4DK 2nd 3.0 3rd 3.0	50*112	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 150mm 8 Cyl. cc	ME161300	82.7	oil 4.0	RTW=50	

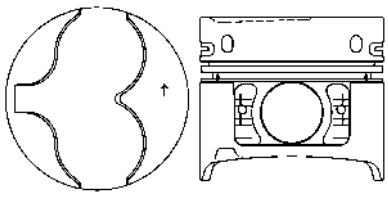
Engine Model	CTM No.	Length	Rings	Pin	
S6N	MD16001DAG	185.0	top 3.7DK 2nd 3.8DK	70*130	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 160mm 6 Cyl. cc	37517-18500	120.0	oil 5.0	RTW=70	

About engines	About pistons	About rings
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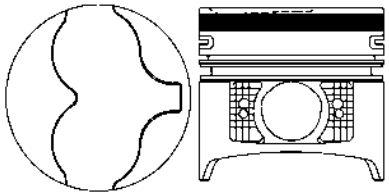
Engine Model	CTM No.	Length	Rings	Pin	
CHERRY、SUNNY (1982-1998) **CD17** Cyl. Dia: 80mm 4 Cyl. 1,680cc	NS08001D NS08001DA	71.0	top 1.75 2nd 2.0	24*63	
	OEM No.	Comp. Dist.		Clip	
	12010-16A02/4/6 12010-17A02/4/6 12010-71A02/4/6	41.0 -1.8	oil 3.0	RTW=24	

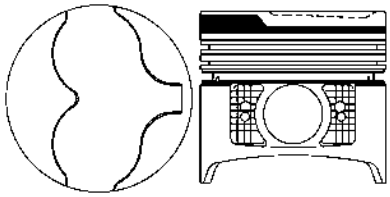
Engine Model	CTM No.	Length	Rings	Pin	
RATROL(R) (160 SERIES) (1979-1983) **SD33(T)** **3RINGS** Cyl. Dia:83 mm 6 Cyl. 3,246cc	NS08302DA	80.2	top 2.5HK 2nd 2.0	26*68	
	OEM No.	Comp. Dist.		Clip	
	12010-C8602 12010-C8612 12010-C8701 12010-C8711	48.2 -0.7 -2.1	oil 4.0	1.6*29	

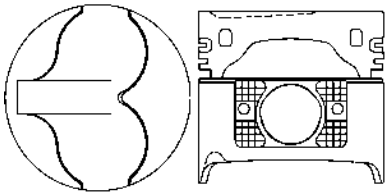
Engine Model	CTM No.	Length	Rings	Pin	
ALMERA PRIMERA、SUNNY (1990-1996) **CD20** Cyl. Dia: 84.5mm 4 Cyl. 1,973cc	NS084501DA	75.5	top 2.0 2nd 2.0	25*66.5	
	OEM No.	Comp. Dist.		Clip	
	12010-57J00/1 12010-57J02/3/4 12010-57J71/2 A2010-57J00/10 A2010-57J01/2/3/4 A2010-57J11/2/3/4 A2010-57J71/2/6/7 A2010-8E100 A2010-8E101/2/3/4	44.3 -1.1 -2.7	oil 3.0	RTW=25	

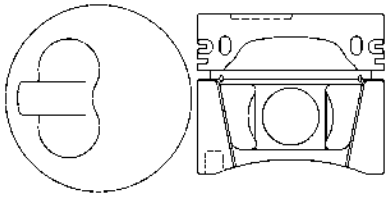
Engine Model	CTM No.	Length	Rings	Pin	
PRIMERA (1996-1999) **CD20T** Cyl. Dia: 84.5mm 4 Cyl. 1,973cc	NS084502DAG	75.6	top 2.0HK 2nd 2.0	28*66.5	 HEAD ANODIZED
	OEM No.	Comp. Dist.		Clip	
	A2010-1C310 A2010-2J600/1/2 A2010-2J603/4 A2010-2J671/2	44.3 -1.2 -2.6	oil 3.0	RTW=28	

About engines	About pistons	About rings
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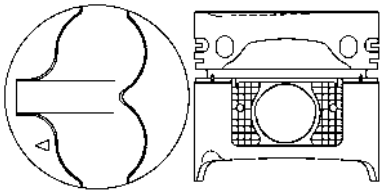
Engine Model	CTM No.	Length	Rings	Pin	
RD28 Cyl. Dia: 85mm 6 Cyl. 2,825cc	NS08501D NS08501DA	78.0	top 2.0 2nd 2.0 oil 4.0	25*66.5	
	OEM No.	Comp. Dist.		Clip	
	12010-V7213 A2010-V7213	46.5 -1.3 -2.8		RTW=25	

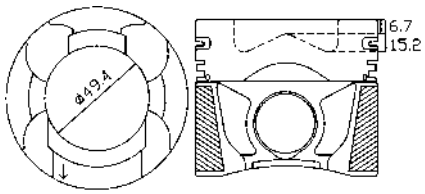
Engine Model	CTM No.	Length	Rings	Pin	
BLUEBIRD、SERENA、VANETTE **LD22 II** **LD20 NEW** Cyl. Dia: 85mm 4 Cyl. 1,952cc	NS08502DA	78.0	top 2.0 2nd 2.0 oil 4.0	25*67	
	OEM No.	Comp. Dist.		Clip	
	12010-G5502 12010-G5562 12010-G5564 12010-G5566	46.5 -1.3 -2.8		RTW=25	

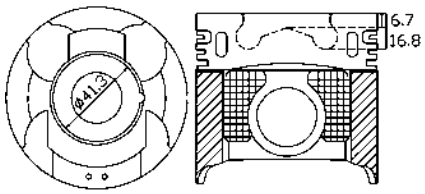
Engine Model	CTM No.	Length	Rings	Pin	
RATROL(GR) (1988-1995) **RD28T** Cyl. Dia: 85mm 6 Cyl. 2,825cc	NS08502DAG-6	78.3	top 2.0 2nd 2.0 oil 4.0	27*67	
	OEM No.	Comp. Dist.		Clip	
	12010-22J11/2/3 12010-22J14/5 12010-22J62/4/6	46.8 -1.3 -3.0		RTW=27	

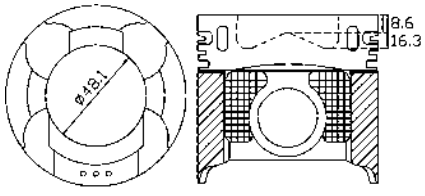
Engine Model	CTM No.	Length	Rings	Pin	
BLUEBIRD (910 SERIES.U11) (1981-1986) **LD20T** Cyl. Dia: 85mm 4 Cyl. 1,952cc	NS08503DAG	72.5	top 2.0 2nd 2.0 oil 4.0	26*66	
	OEM No.	Comp. Dist.		Clip	
	12010-W3402 12010-W3404 12010-W3406	46.5 -2.0 -2.4		RTW=26	

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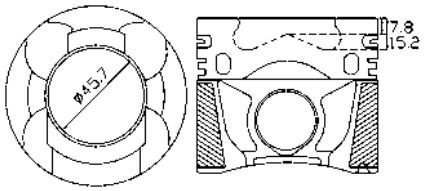
Engine Model	CTM No.	Length	Rings	Pin	
RATROL(GR) (1997-2000) **RD28Ti NEW** Cyl. Dia: 85mm 6 Cyl. 2,825cc	NS08503DAG-6	78.3	top 2.1HK 2nd 2.0	27*61.5	 HEAD ANODIZED
	OEM No.	Comp. Dist.		Clip	
	A2010-VB300/1 A2010-VB302 A2010-VB372/3	46.8 -0.7 -1.8	oil 4.0	RTW=27 	

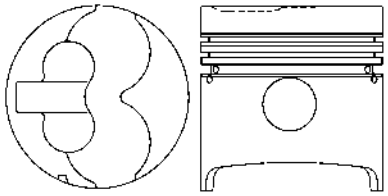
Engine Model	CTM No.	Length	Rings	Pin	
ALMERA、 PRIMERA、 X-TRAIL (2003-) **YD22DDT/DDTi** **YD22ETi/TDi** Cyl. Dia: 86mm 4 Cyl. 2,184cc	NS08601DAG	73.8	top 2.0HK 2nd 2.0	28*69	 SKIRT MOS2
	OEM No.	Comp. Dist.		Clip	
	A2010-AW400/1 A2010-AW402 A2010-AW471/2	48.9	oil 3.0	RTW=28 	

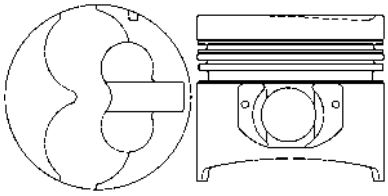
Engine Model	CTM No.	Length	Rings	Pin	
ALMERA (2002-) **YD22DDT/DDTi** Cyl. Dia: 86mm 4 Cyl. 2,184cc	NS08602DAG	80.1	top 2.0HK 2nd 2.0	28*60	 SKIRT MOS2
	OEM No.	Comp. Dist.		Clip	
	A2010-4U165/6 A2010-4U167 A2010-4U183/4	49.0	oil 3.0	RTW=28 	

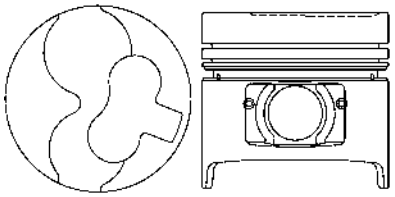
Engine Model	CTM No.	Length	Rings	Pin	
PRIMERA、 X-TRAIL (2001-2003) **YD22DDT/ETi** Cyl. Dia: 86mm 4 Cyl. 2,184cc	NS08603DAG	79.9	top 2.0HK 2nd 2.0	28*61.5	 SKIRT MOS2
	OEM No.	Comp. Dist.		Clip	
	A2010-8H800/1 A2010-8H802 A2010-8H865 A2010-8H871/2	49.0	oil 3.0	RTW=28 	

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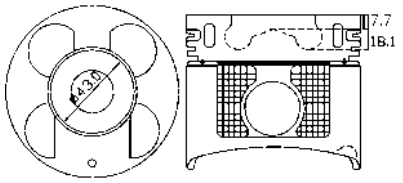
Engine Model	CTM No.	Length	Rings	Pin	
X-TRAIL (2005-) **YD22 ETi** Cyl. Dia: 86mm 4 Cyl. 2,184cc	NS08604DAG	73.9	top 2.0HK 2nd 2.0 oil 3.0	28*69	
	OEM No.	Comp. Dist.		Clip	
	A2010-ES60/1 A A2010-ES62A A2010-ES68/9 A	48.9		RTW=28	
					SKIRT MOS2

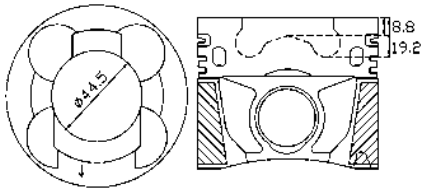
Engine Model	CTM No.	Length	Rings	Pin	
CABSTAR、KING CAB、PICK UP (720 SERIES.D21. E23.F22) (1982-1987) **SD23** **SD25** Cyl. Dia: 89mm 4 Cyl. 2,289cc 2,488cc	NS08901D NS08901DA	90.0	top 2.5 2nd 2.0 oil 4.5	26*74	
	OEM No.	Comp. Dist.		Clip	
	12010-09W01/11 12010-29W00 12010-L2002 12010-T6203/13 12010-T6216/73 12010-T7200/2 12010-T7210/2	48.1 -2.5		RTW=26	

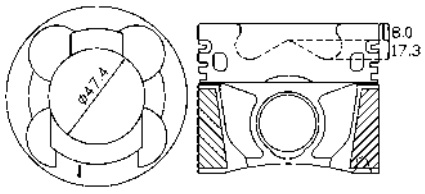
Engine Model	CTM No.	Length	Rings	Pin	
FORKLIFT、KING CAB、PICK UP (720 SERIES.D21. H01.H02) (1983-1993) **SD23 NEW** **SD25 NEW** Cyl. Dia: 89mm 4 Cyl. 2,289cc 2,488cc	NS08902DA	80.0	top 2.5 2nd 2.0 oil 4.5	26*74	
	OEM No.	Comp. Dist.		Clip	
	12010-06W10 12010-09W10 12010-L2012 12010-T6202/5/6 12010-T7204/5/6 12010-T7214/5 12010-T7274	48.0 -2.9		1.6*29	

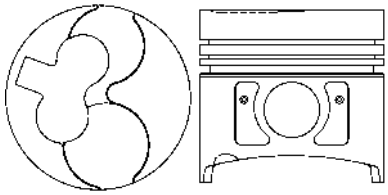
Engine Model	CTM No.	Length	Rings	Pin	
CABSTAR、URVAN (1987-1989) **TD23** Cyl. Dia: 89mm 4 Cyl. 2,289cc	NS08903D NS08903DA	84.0	top 2.5 2nd 2.0 oil 4.0	26*74	
	OEM No.	Comp. Dist.		Clip	
	12010-02N06/7 12010-02N16/7	48.2 -1.2 -1.9		RTW=26	

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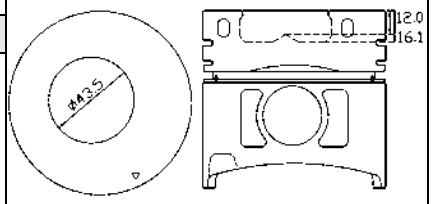
Engine Model	CTM No.	Length	Rings	Pin	
HARDBODY、KING CAB (2001-2007)	NS08904DAG	80.0	top 2.0HK 2nd 2.0	28*61*14	
	OEM No.	Comp. Dist.		Clip	
YD25DDTi Cyl. Dia: 89mm 4 Cyl. 2,488cc	A2010-VK510/1/2 A2010-VK515/6/7 A2010-VK576/7 A2010-VK581/2 A2010-VK50/1/2A A2010-VK58/9 A	48.8	oil 3.0	RTW=28 	

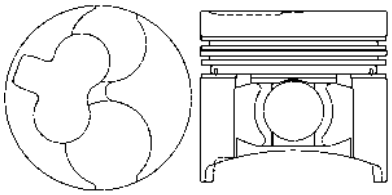
Engine Model	CTM No.	Length	Rings	Pin	
NAVARA、PATHFINDER (2005-)	NS08905DAG	73.8	top 2.0HK 2nd 2.0	28*71	
	OEM No.	Comp. Dist.		Clip	
YD25DDTi Cyl. Dia: 89mm 4 Cyl. 2,488cc	A2010-EB30/1A A2010-EB32A A2010-EB38/9A	48.9	oil 3.0	RTW=28 	SKIRT MOS2

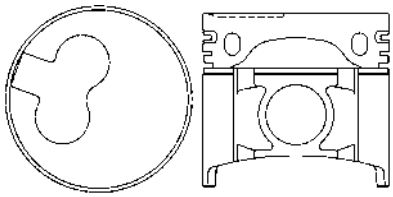
Engine Model	CTM No.	Length	Rings	Pin	
CABSTAR、NAVARA、PATHFINDER (2006-)	NS08909DAG	73.8	top 2.0HK 2nd 2.0	28*71	
	OEM No.	Comp. Dist.		Clip	
YD25DDTi Cyl. Dia: 89mm 4 Cyl. 2,488cc	A2010-EC00/1B A2010-EC02B A2010-EC08/9B	48.9	oil 3.0	RTW=28 	SKIRT MOS2

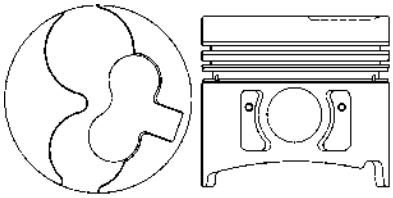
Engine Model	CTM No.	Length	Rings	Pin	
CABSTAR、KING CAB、URVAN (1988-1994)	NS092901D NS092901DA	87.1	top 2.5 2nd 2.0	28*80	
	OEM No.	Comp. Dist.		Clip	
TD25 Cyl. Dia: 92.9mm 4 Cyl. 2,494cc	12010-44G01/2 12010-44G11/2	50.3 -1.5	oil 4.0	1.8*31 	

About engines	About pistons	About rings
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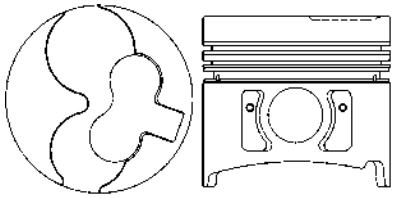
Engine Model	CTM No.	Length	Rings	Pin	
BD25 Cyl. Dia: 92.9mm 4 Cyl. 2,494cc	NS092902DG	89.8	top 2.5 2nd 2.0	30*80	
	OEM No.	Comp. Dist.		Clip	
	12010-87G11	53.1	oil 4.0	1.6*33 	

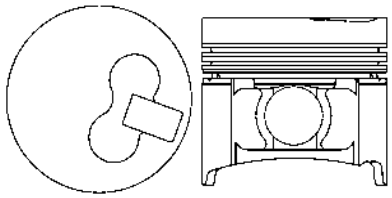
Engine Model	CTM No.	Length	Rings	Pin	
KING CAB、URVAN (1996-) **TD25 NEW** Cyl. Dia: 92.9mm 4 Cyl. 2,494cc	NS092903DA	86.0	top 2.5 2nd 2.0	30*74	
	OEM No.	Comp. Dist.		Clip	
	12010-44G15 12010-5T105 12010-5T115	50.3 -0.6 -1.6	oil 3.0	1.8*33 	

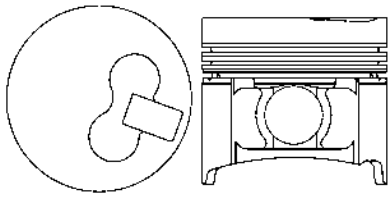
Engine Model	CTM No.	Length	Rings	Pin	
KING CAB (1998-2001) **TD25Ti** Cyl. Dia: 92.9mm 4 Cyl. 2,494cc	NS092904DAG	86.0	top 2.5HK 2nd 2.0	30*80	 HEAD ANODIZED
	OEM No.	Comp. Dist.		Clip	
	12010-3S900/1 12010-3S910/1	50.4 -1.5	oil 3.0	1.6*33 	

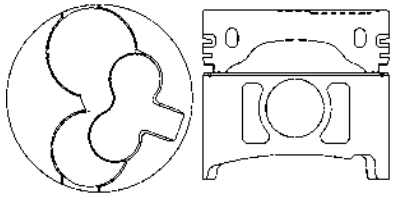
Engine Model	CTM No.	Length	Rings	Pin	
TD27 Cyl. Dia: 96mm 4 Cyl. 2,663cc	NS09601D NS09601DA	87.0	top 2.5 2nd 2.0	28*80	
	OEM No.	Comp. Dist.		Clip	
	12010-10T02 12010-10T12 12010-43G02 12010-43G12	50.2 -1.7	oil 4.0	RTW=28 	

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

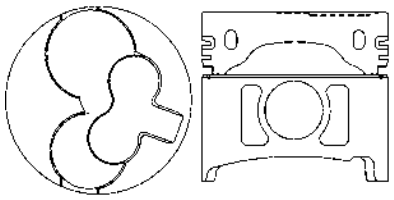
Engine Model	CTM No.	Length	Rings	Pin	
FORKLIFT (1989-1996)	NS09601D-6 NS09601DA-6	87.0	top 2.5 2nd 2.0	28*80	
	OEM No.	Comp. Dist.		Clip	
TD42 Cyl. Dia: 96mm 6 Cyl. 4,169cc	12010-10T02 12010-10T12 12010-43G02 12010-43G12	50.2 -1.7	oil 4.0	RTW=28 	

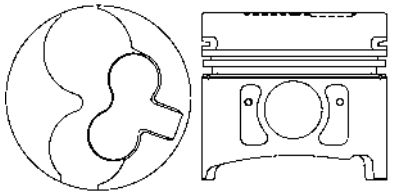
Engine Model	CTM No.	Length	Rings	Pin	
	NS09602DA	86.0	top 2.5 2nd 2.0	30*74	
	OEM No.	Comp. Dist.		Clip	
TD27 NEW Cyl. Dia: 96mm 4 Cyl. 2,663cc	12010-6T000 12010-6T010	50.2 -0.9 -2.1	oil 3.0	RTW=30 	

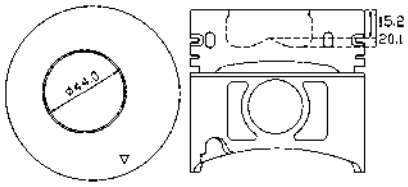
Engine Model	CTM No.	Length	Rings	Pin	
	NS09602DA-6	86.0	top 2.5 2nd 2.0	30*74	
	OEM No.	Comp. Dist.		Clip	
TD42 NEW Cyl. Dia: 96mm 6 Cyl. 4,169cc	12010-6T000 12010-6T010	50.2 -0.9 -2.1	oil 3.0	RTW=30 	

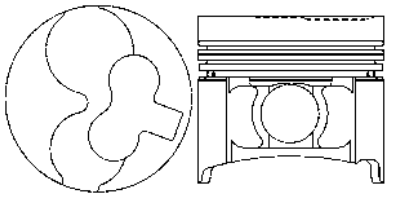
Engine Model	CTM No.	Length	Rings	Pin	
TERRANO (1989-1993)	NS09603DAG	87.0	top 2.5HK 2nd 2.0	30*80	
	OEM No.	Comp. Dist.		Clip	
TD27T Cyl. Dia: 96mm 4 Cyl. 2,663cc	12010-05D00/10 12010-31N03 12010-31N12/3	50.2 -0.8 -1.7	oil 4.0	RTW=30 	

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

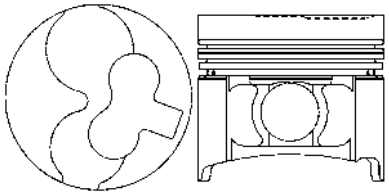
Engine Model	CTM No.	Length	Rings	Pin	
TD42T Cyl. Dia: 96mm 6 Cyl. 4,169cc	NS09603DAG-6	87.0	top 2.5HK 2nd 2.0 oil 4.0	30*80	
	OEM No.	Comp. Dist.		Clip	
	12010-05D00/10 12010-31N03	50.2 -0.8 -1.7		RTW=30	

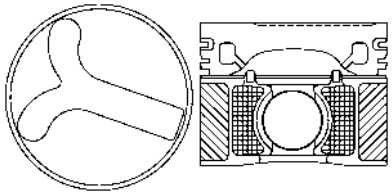
Engine Model	CTM No.	Length	Rings	Pin	
TD27T Cyl. Dia: 96mm 4 Cyl. 2,663cc	NS09603DA-1	89.6	top 2.5HK 2nd 2.0 oil 4.0	30*80	
	OEM No.	Comp. Dist.		Clip	
	12010-31N02	53.1 -1.0 -2.1		RTW=30	

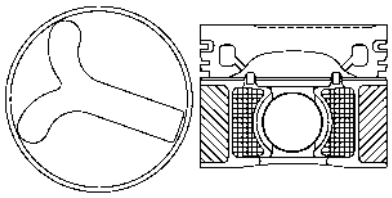
Engine Model	CTM No.	Length	Rings	Pin	
FORKLIFT (1993-1996) **BD30** Cyl. Dia: 96mm 4 Cyl. 2,953cc	NS09604DAG	89.6	top 2.5 2nd 2.0 oil 4.0	30*80	
	OEM No.	Comp. Dist.		Clip	
	12010-54T00/1 12010-54T10/1 12010-54T60/1	53.1		1.8*33	

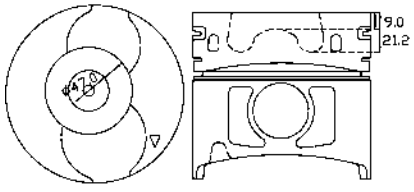
Engine Model	CTM No.	Length	Rings	Pin	
TD27T Cyl. Dia: 96mm 4 Cyl. 2,663cc	NS09605DA	85.8	top 2.5 2nd 2.0 oil 3.0	30*74	
	OEM No.	Comp. Dist.		Clip	
	12010-10T05	50.1 -1.8		RTW=30	

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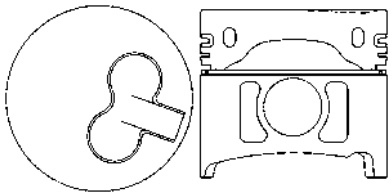
Engine Model	CTM No.	Length	Rings	Pin	
TD42T Cyl. Dia: 96mm 6 Cyl. 4,169cc	NS09605DA-6	85.8	top 2.5 2nd 2.0 oil 3.0	30*74	
	OEM No.	Comp. Dist.		Clip	
	12010-10T05	50.1 -1.8		RTW=30 	

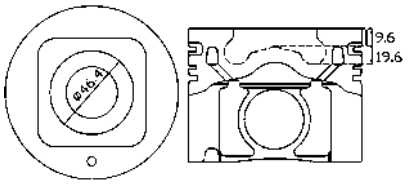
Engine Model	CTM No.	Length	Rings	Pin	
TERRANO 2 (1996-2004) **TD27Ti NEW** Cyl. Dia: 96mm 4 Cyl. 2,664cc	NS09606DAG	74.0	top 2.5HK 2nd 2.0 oil 3.0	30*79.8	 HEAD ANODIZED SKIRT MOS2
	OEM No.	Comp. Dist.		Clip	
	12010-7F406 12010-7F411/2 12010-7F413 A2010-7F406 A2010-7F407/8	50.2 -1.5		RTW=30 	

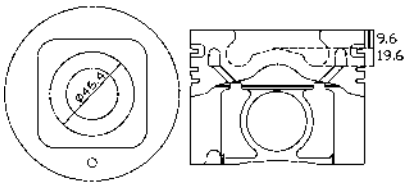
Engine Model	CTM No.	Length	Rings	Pin	
TD42T II **TD42T NEW** Cyl. Dia: 96mm 6 Cyl. 4,169cc	NS09606DAG-6	74.0	top 2.5HK 2nd 2.0 oil 3.0	30*79.8	 HEAD ANODIZED SKIRT MOS2
	OEM No.	Comp. Dist.		Clip	
	12010-7F406 12010-7F411/2 12010-7F413 A2010-7F406 A2010-7F407/8	50.2 -1.5		RTW=30 	

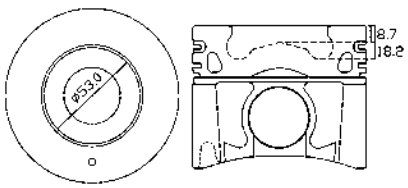
Engine Model	CTM No.	Length	Rings	Pin	
BD30T Cyl. Dia: 96mm 4 Cyl. 2,953cc	NS09607DAG	89.5	top 2.5HK 2nd 2.0 oil 3.0	30*80	
	OEM No.	Comp. Dist.		Clip	
	12010-69T05 12010-69T06	53.0		1.8*33 	

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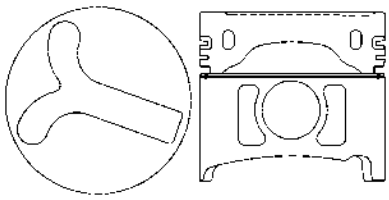
Engine Model	CTM No.	Length	Rings	Pin	
TD42T **TD42Ti** Cyl. Dia: 96mm 6 Cyl. 4,169cc	NS09607DAG-6	87.0	top 2.5HK 2nd 2.0 oil 3.0	30*80	
	OEM No.	Comp. Dist.		Clip	
	12010-09D01 12010-09D11	50.2 -0.8 -1.7		RTW=30 	

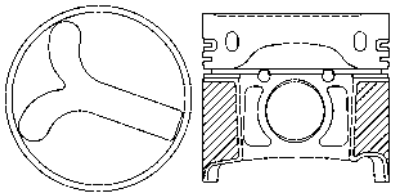
Engine Model	CTM No.	Length	Rings	Pin	
PATROL(GR)、TERRANO 2 (2000-2006) **ZD30** **ZD30DDTi** Cyl. Dia: 96mm 4 Cyl. 2,953cc	NS09608DAG	74.1	top 2.5HK 2nd 2.0 oil 3.0	33*78	
	OEM No.	Comp. Dist.		Clip	
	12010-VC101/2 12010-VD112 12010-VK600 12010-VX201	50.1		1.6*36.5 	HEAD ANODIZED

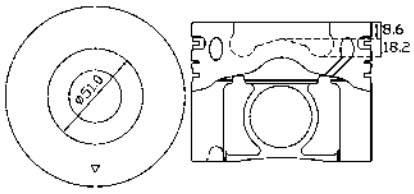
Engine Model	CTM No.	Length	Rings	Pin	
PATROL(GR)、TERRANO 2 (2000-2006) **ZD30** **ZD30DDTi** Cyl. Dia: 96mm 4 Cyl. 2,953cc	NS09609DAG	74.1	top 2.5HK 2nd 2.0 oil 2.0	33*78	
	OEM No.	Comp. Dist.		Clip	
	12010-VC111/2 12010-VK610 12010-VX211	50.1		1.6*36.5 	HEAD ANODIZED

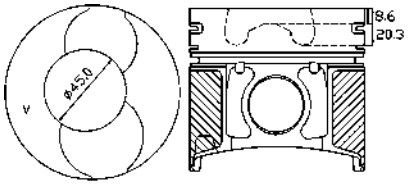
Engine Model	CTM No.	Length	Rings	Pin	
CABSTAR、PATROL(GR) (2006-) **ZD30DDTi** Cyl. Dia: 96mm 4 Cyl. 2,953cc	NS0960ADAG	78.1	top 2.5HK 2nd 2.0 oil 2.0	33*78	
	OEM No.	Comp. Dist.		Clip	
	12010-DB000 12010-DB010	50.1		1.6*36.5 	

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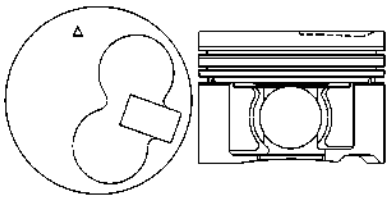
Engine Model	CTM No.	Length	Rings	Pin	
TD27T NEW Cyl. Dia: 96mm 4 Cyl. 2,664cc	NS0960BDAG	87.0	top 2.5HK 2nd 2.0 oil 4.0	30*80	
	OEM No.	Comp. Dist.		Clip	
	12010-63G01 12010-63G11	50.3 -1.6 -2.2		RTW=30	

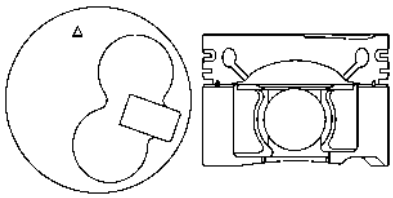
Engine Model	CTM No.	Length	Rings	Pin	
TD27Ti Cyl. Dia: 96mm 4 Cyl. 2,664cc	NS0960CDAG	87.2	top 2.5HK 2nd 2.0 oil 3.0	30*80	
	OEM No.	Comp. Dist.		Clip	
	12010-0W820 12010-0W821 12010-0W82A	50.4 -1.4		RTW=30	
					HEAD ANODIZED SKIRT MOS2

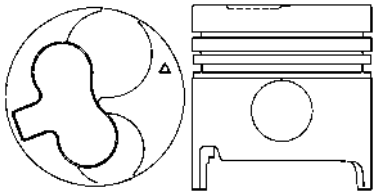
Engine Model	CTM No.	Length	Rings	Pin	
URVAN(E25) **ZD30DD** Cyl. Dia: 96mm 4 Cyl. 2,953cc	NS0960DDAG	74.1	top 2.0 2nd 1.2 oil 2.0	33*78	
	OEM No.	Comp. Dist.		Clip	
	12010-VW200 12010-VW210 12010-VW211B	50.1		1.6*36.5	

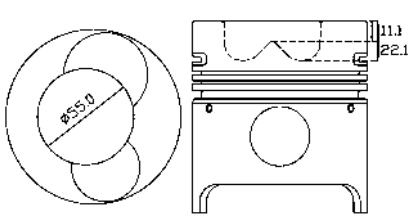
Engine Model	CTM No.	Length	Rings	Pin	
CABSTAR 3.0 TDI (1998-) **BD30Ti** Cyl. Dia: 96mm 4 Cyl. 2,953cc	NS0960EDA	89.5	top 2.5HK 2nd 2.0 oil 3.0	30*80	
	OEM No.	Comp. Dist.		Clip	
	12010-69T62	53.2		1.8*33	
					SKIRT MOS2

About engines	About pistons	About rings
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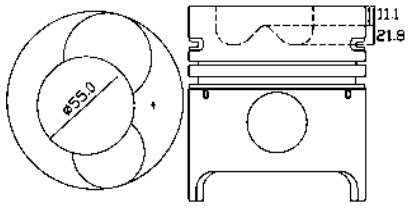
Engine Model	CTM No.	Length	Rings	Pin	
QD32	NS099201DA	69.8	top 2.5 2nd 2.0	33*79	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 99.2mm 4 Cyl. 3,153cc	12010-2S605	45.2 -1.4 -2.8	oil 3.0	RTW=33 	

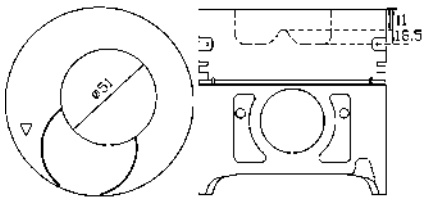
Engine Model	CTM No.	Length	Rings	Pin	
QD32Ti	NS099202DAG	69.8	top 2.5HK 2nd 2.0	33*79	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 99.2mm 4 Cyl. 3,153cc	12010-2S615	45.3 -1.5 -2.6	oil 3.0	RTW=33 	HEAD ANODIZED

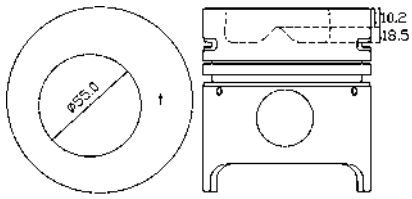
Engine Model	CTM No.	Length	Rings	Pin	
ED33	NS10001D	103.0	top 3.0 2nd 2.0	34*84	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 100mm 4 Cyl. 3,298cc	12010-J6500/1 12010-T9000/1 12010-T9010 12010-T9020	59.0 -1.9	oil 4.5	1.8*38 	

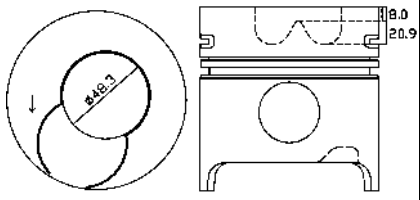
Engine Model	CTM No.	Length	Rings	Pin	
FD6T 4 RINGS	NS10001DA-6	109.5	top 3.0HK 2nd 2.0	34*85	
	OEM No.	Comp. Dist.	3rd 2.0	Clip	
Cyl. Dia: 100mm 6 Cyl. 5,654cc	12011-Z5509	65.5	oil 4.5	RTW=34 	

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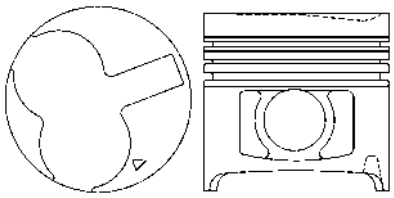
Engine Model	CTM No.	Length	Rings	Pin	
FD6T 3 RINGS Cyl. Dia: 100mm 6 Cyl. 5,654cc	NS10002DA	109.5	top 3.0HK 2nd 2.0 oil 4.5	34*85	
	OEM No.	Comp. Dist.		Clip	
	12011-Z5572	65.5		RTW=34 	

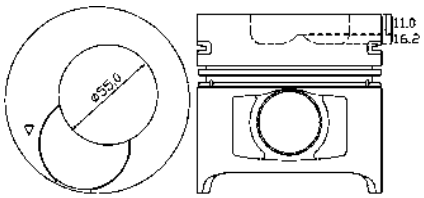
Engine Model	CTM No.	Length	Rings	Pin	
FD33 Cyl. Dia: 100mm 4Cyl. 3,298cc	NS10003DA	103.2	top 3.0 2nd 2.0 oil 4.5	34*85	
	OEM No.	Comp. Dist.		Clip	
	12010-T9313 12011-T9313	59.2		RTW=34 	

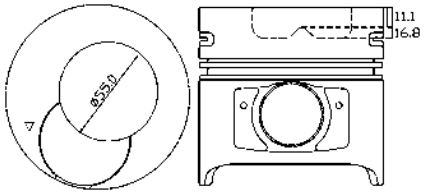
Engine Model	CTM No.	Length	Rings	Pin	
FD6T 3 RINGS Cyl. Dia: 100mm 6 Cyl. 5,654cc	NS10003DA-6	109.5	top 3.0HK 2nd 2.0 oil 4.5	34*85	
	OEM No.	Comp. Dist.		Clip	
	12011-Z5600	65.5		RTW=34 	

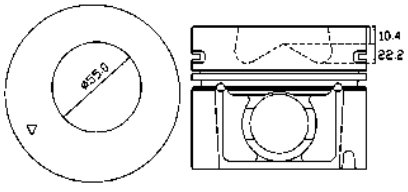
Engine Model	CTM No.	Length	Rings	Pin	
FD33T Cyl. Dia: 100mm 4 Cyl. 3,298cc	NS10004DA	103.2	top 3.0HK 2nd 2.0 oil 4.5	34*85	
	OEM No.	Comp. Dist.		Clip	
	12010-T9300	59.2		RTW=34 	

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

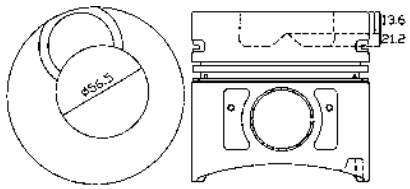
Engine Model	CTM No.	Length	Rings	Pin	
ED35	NS102500DA	98.0	top 3.0 2nd 2.0	34*85	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 102.5mm 4 Cyl. 3,465cc	12010-56T12	59.0 -4.2 -1.0	oil 4.0	RTW=34	

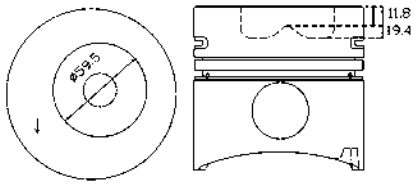
Engine Model	CTM No.	Length	Rings	Pin	
FD35T	NS102501DA	98.2	top 3.0HK 2nd 2.0	34*85	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 102.5mm 4 Cyl. 3,465cc	12010-01T03	59.2	oil 4.0	RTW=34	

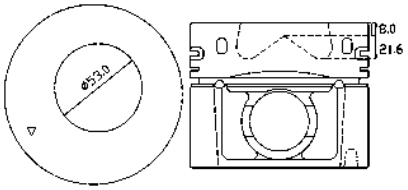
Engine Model	CTM No.	Length	Rings	Pin	
FD35	NS102502DA	98.2	top 2.0 2nd 2.0	34*85	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 102.5mm 4 Cyl. 3,465cc	12010-01T04	59.2	oil 4.0	RTW=34	

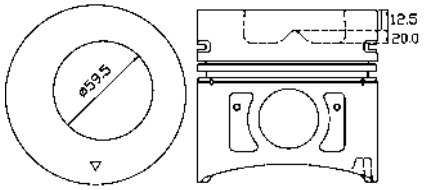
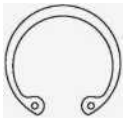
Engine Model	CTM No.	Length	Rings	Pin	
FD46	NS10801DA	87.1	top 3.0 2nd 2.0	36*93	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 108mm 4 Cyl. 4,617cc	12010-0T302 12010-0T312	59.2	oil 4.0	2.0*42	

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

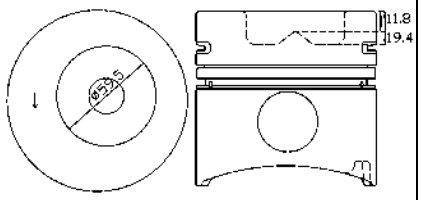
Engine Model	CTM No.	Length	Rings	Pin	
FE6TA Cyl. Dia: 108mm 6 Cyl. 6,925cc	NS10800DAB	103.5	top 2.5HK 2nd 2.0 oil 4.0	36*90	
	OEM No.	Comp. Dist.		Clip	
		65.5		RTW=39	
					HEAD ANODIZED

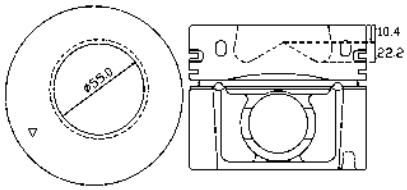
Engine Model	CTM No.	Length	Rings	Pin	
FE6 Cyl. Dia: 108mm 6 Cyl. 6,925cc	NS10801DA-6	103.5	top 3.0 2nd 2.0 oil 4.0	36*92	
	OEM No.	Comp. Dist.		Clip	
	12011-Z5615 12011-Z5801	65.5		2.0*40	
					HEAD ANODIZED

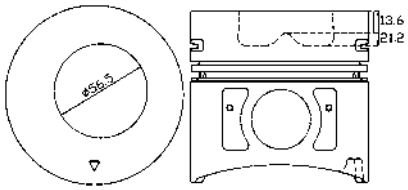
Engine Model	CTM No.	Length	Rings	Pin	
FD42 Cyl. Dia: 108mm 4 Cyl. 4,214cc	NS10802DAG	87.1	top 3.0 2nd 2.0 oil 4.0	36*93	
	OEM No.	Comp. Dist.		Clip	
	12010-0T016	59.2		2.0*42	

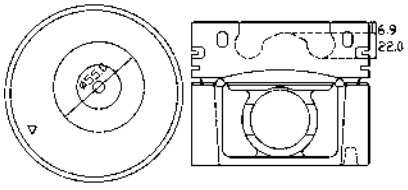
Engine Model	CTM No.	Length	Rings	Pin	
FE6T Cyl. Dia: 108mm 6 Cyl. 6,925cc	NS10802DA-6	103.4	top 3.0HK 2nd 2.0 oil 4.0	36*92	
	OEM No.	Comp. Dist.		Clip	
		65.5		RTW=36	
					HEAD ANODIZED

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

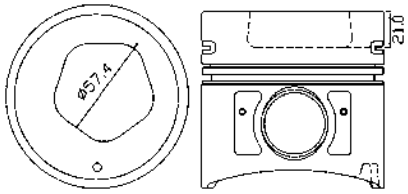
Engine Model	CTM No.	Length	Rings	Pin	
FE6T Cyl. Dia: 108mm 6 Cyl. 6,925cc	NS10802DA-2	103.4	top 3.0HK 2nd 2.0 oil 4.0	36*92	
	OEM No.	Comp. Dist.		Clip	
	12010-96507 12011-96507 12011-Z5768	65.4		RTW=36 	HEAD ANODIZED

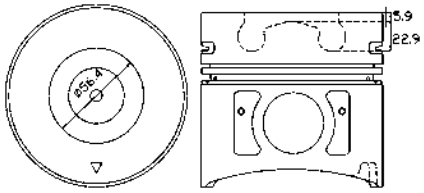
Engine Model	CTM No.	Length	Rings	Pin	T-20861
FD46 **FD46T** Cyl. Dia: 108mm 4 Cyl. 4,617cc	NS10803DAG	87.1	top 3.0 2nd 2.0 oil 4.0	36*93	
	OEM No.	Comp. Dist.		Clip	
	12010-0T311	59.2		RTW=36 	

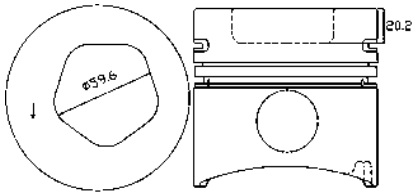
Engine Model	CTM No.	Length	Rings	Pin	
FE6TA Cyl. Dia: 108mm 6 Cyl. 6,925Cc	NS10803DA-6	103.5	top 2.5HK 2nd 2.0 oil 4.0	36*93	
	OEM No.	Comp. Dist.		Clip	
	12010-Z5507	65.5		2.0*40 	

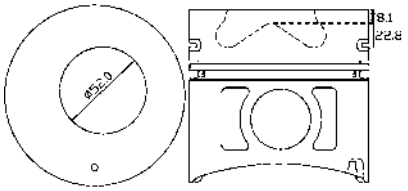
Engine Model	CTM No.	Length	Rings	Pin	
FD46T Cyl. Dia: 108mm 4 Cyl. 4,617cc	NS10804DAG	87.2	top 2.5HK 2nd 2.0 oil 3.0	36*93	
	OEM No.	Comp. Dist.		Clip	
	12010-19D00	59.2		2.0*42 	HEAD ANODIZED

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
FE6T NEW	NS10805DA	103.5	top 2.5HK 2nd 2.0	36*90	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 108mm 6 Cyl. 6,925cc	12010-Z5968 12011-Z5968	65.5	oil 4.0	RTW=39 	 HEAD ANODIZED

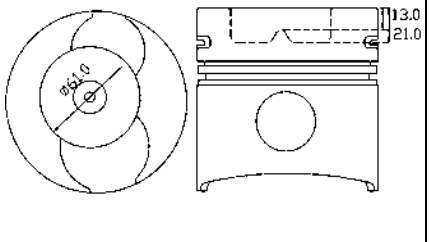
Engine Model	CTM No.	Length	Rings	Pin	
LD60A/70A/80A/85A **FE6B 24V**	NS10806DA	103.5	top 2.5HK 2nd 2.0	36*92	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 108mm 6 Cyl. 6,925cc	12013-Z5572	65.5	oil 4.0	RTW=36 	 HEAD ANODIZED

Engine Model	CTM No.	Length	Rings	Pin	
FE6T	NS10808DA	103.5	top 2.5HK 2nd 2.0	36*93	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 108mm 6 Cyl. 6,925cc	12011-Z5776	65.5	oil 4.0	2.0*40 	 HEAD ANODIZED

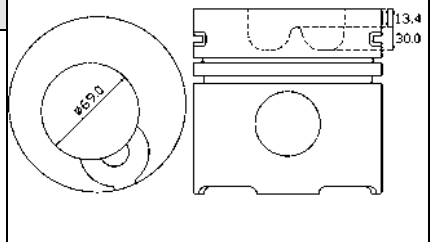
Engine Model	CTM No.	Length	Rings	Pin	
FE6T	NS1080ADA	103.5	top 2.5HK 2nd 2.0	36*90	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 108mm 6 Cyl. 6,925cc	12011-Z5512 12013-Z5512	65.5	oil 4.0	2.0*40 	

About engines	About pistons	About rings
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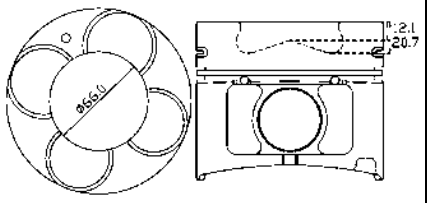
Engine Model	CTM No.	Length	Rings	Pin
NE6T	NS11003DA	110.3	top 3.0HK 2nd 2.5	36*95
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 110mm 6 Cyl. 7,412cc	12011-95074	68.3	oil 4.0	RTW=36



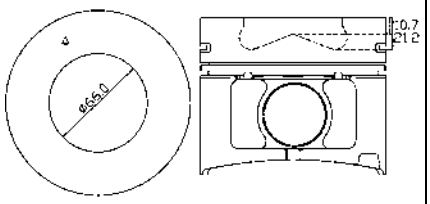
Engine Model	CTM No.	Length	Rings	Pin
PD6	NS12501DA	132.0	top 5.0 2nd 3.5	46*108
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 125mm 6 Cyl. 10,308cc	12011-96000 12011-96007	82.0	oil 5.0	2.0*50



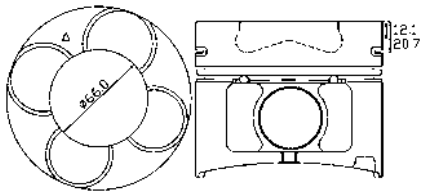
Engine Model	CTM No.	Length	Rings	Pin
MPLE	NS1250ADA	105.0	top 2.0 2nd 2.0	41*93
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 125mm 6 Cyl. cc		65.0	oil 3.0	2.0*46

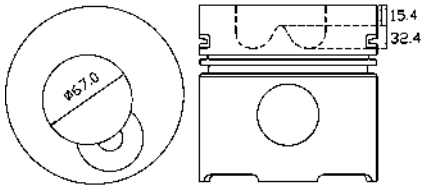


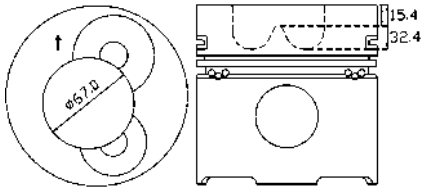
Engine Model	CTM No.	Length	Rings	Pin
MPLE	NS1250BDA	105.0	top 2.0 2nd 2.0	41*93
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 125mm 6 Cyl. cc		65.0	oil 3.0	2.0*46

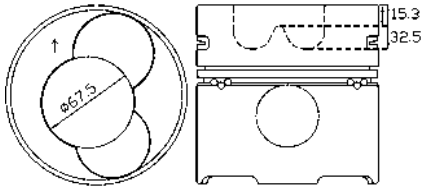


About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

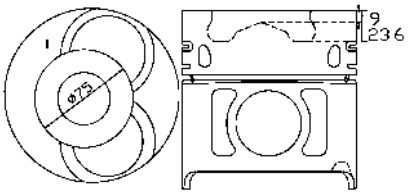
Engine Model	CTM No.	Length	Rings	Pin	
MPLE	NS1250CDA	105.0	top 2.0 2nd 2.0	41*93	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 125mm 6 Cyl. cc		65.0	oil 5.0	2.0*46 	

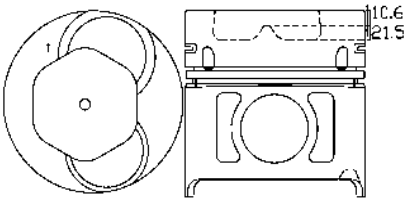
Engine Model	CTM No.	Length	Rings	Pin	
PE6	NS13301DA	132.0	top 4.0DK 2nd 3.5	46*116	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 133mm 6 Cyl. 11,670cc	12011-96508 12011-96516	82.0	oil 6.0	RTW=46 	

Engine Model	CTM No.	Length	Rings	Pin	
PE6T	NS13302DA	132.0	top 4.0HK 2nd 3.5	46*116	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 133mm 6 Cyl. 11,670cc	12011-96509 12011-96776	82.0	oil 6.0	RTW=46 	

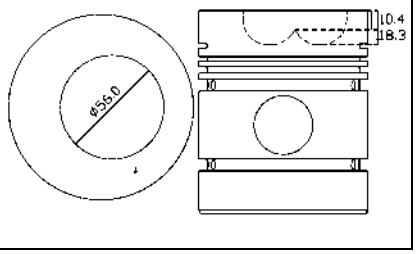
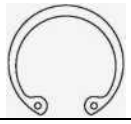
Engine Model	CTM No.	Length	Rings	Pin	
PE6TB	NS13303DA	132.0	top 3.0HK 2nd 2.5	46*116	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 133mm 6 Cyl. 11,670cc	12010-Z5516	82.0	oil 4.0	RTW=46 	HEAD ANODIZED

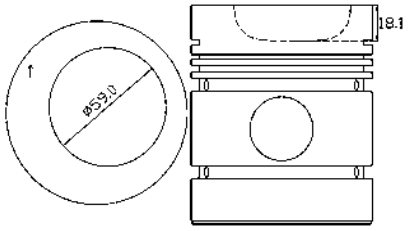
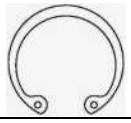
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

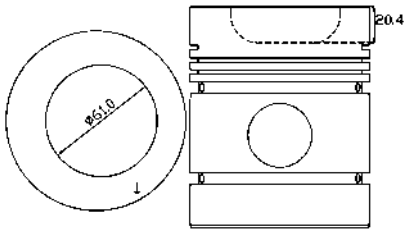
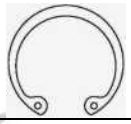
Engine Model	CTM No.	Length	Rings	Pin	
PE6T Cyl. Dia: 133mm 6 Cyl. 11,670cc	NS13305DAG	136.0	top 2.5HK 2nd 2.5 oil 4.0	50*113	
	OEM No.	Comp. Dist.		Clip	
		86.0			

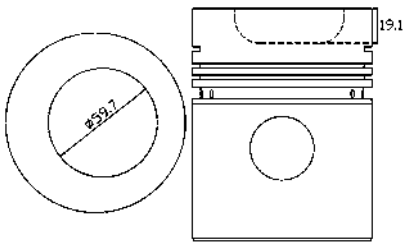
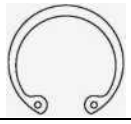
Engine Model	CTM No.	Length	Rings	Pin	
PE6T Cyl. Dia: 133mm 6 Cyl. 11,670cc	NS13306DAG	136.0	top 2.5HK 2nd 2.5 oil 4.0	50*113	
	OEM No.	Comp. Dist.		Clip	
		86.0			

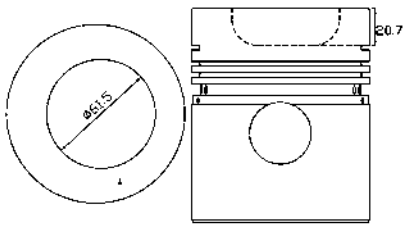
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
MF240/135 D4 **350245 AD4** Cyl. Dia: 91.49mm 4 Cyl. 3,335cc	PK091401D	109.3	top 2.4 2nd 2.4 3rd 3.2 oil 6.4	31.75*75	
	OEM No.	Comp. Dist.		Clip	
		61.7		RTW=32	

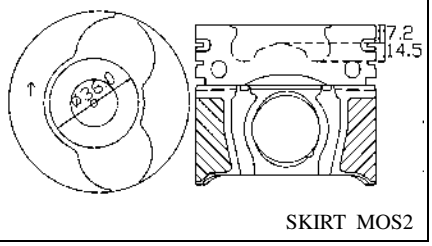
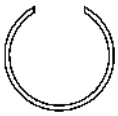
Engine Model	CTM No.	Length	Rings	Pin	
D 3.152 **D 4.203** Cyl. Dia: 91.48mm 3Cyl. 2,490cc 4Cyl. 3,335cc	PK091402D	109.3	top 2.4 2nd 2.4 3rd 3.2 oil 6.4	31.75*75	
	OEM No.	Comp. Dist.		Clip	
		61.9		RTW=32	

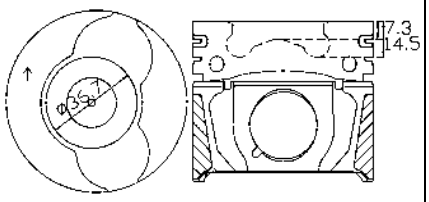
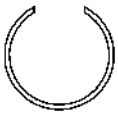
Engine Model	CTM No.	Length	Rings	Pin	
68301 Cyl. Dia: 98.4mm 4 Cyl. cc	PK098503D	121.0	top 2.4 2nd 2.4 3rd 2.4 oil 6.4	34.925*84	
	OEM No.	Comp. Dist.		Clip	
		70.4		RTW=35	

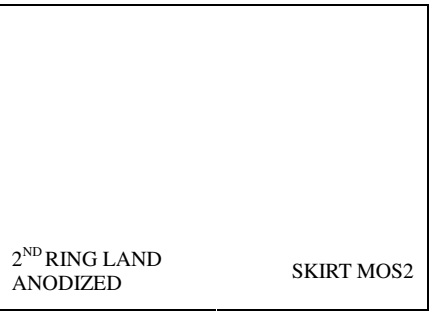
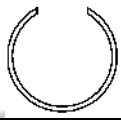
Engine Model	CTM No.	Length	Rings	Pin	
86721 Cyl. Dia: 98.4mm 4 Cyl. cc	PK098504D	127.3	top 2.4 2nd 2.4 3rd 2.4 oil 6.4	34.925*84	
	OEM No.	Comp. Dist.		Clip	
		76.6		RTW=35	

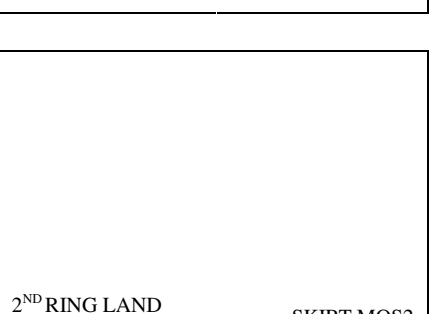
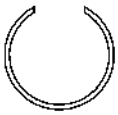
Engine Model	CTM No.	Length	Rings	Pin	
89207 Cyl. Dia: 100.87mm 4 Cyl. cc	PK100901D	120.7	top 2.4 2nd 2.4 3rd 2.4 oil 6.4	34.925*84	
	OEM No.	Comp. Dist.		Clip	
		70.16		RTW=35	

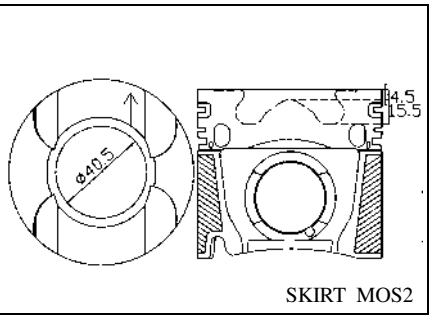
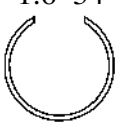
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
YARIS、 ECHO VERSO (NCP21.NLP10) (2004-) **1ND-TV** Cyl. Dia: 73mm 4 Cyl. 1,364cc	TY07301DAG	64.1	top 1.5 2nd 1.5	27*59	
	OEM No.	Comp. Dist.		Clip	
	13101-0W011	41.7	oil 3.0	1.5*30	

Engine Model	CTM No.	Length	Rings	Pin	
COROLLA、YARIS (NDE120.NLP90) (2004-) **1ND-TV** Cyl. Dia: 73mm 4 Cyl. 1,364cc	TY07302DAG	64.3	top 1.5 2nd 1.5	27*59	
	OEM No.	Comp. Dist.		Clip	
	13101-0N030 13101-0N031	41.9	oil 3.0	1.5*30	

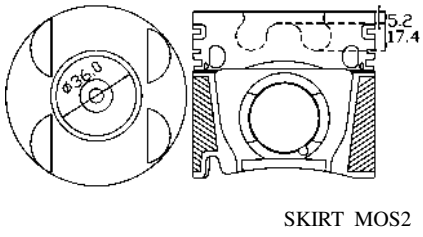
Engine Model	CTM No.	Length	Rings	Pin	
1ND-TV Cyl. Dia: 73mm 4 Cyl. 1,364cc	TY07303DAG	64.4	top 1.5 2nd 1.2	27*59.5	
	OEM No.	Comp. Dist.		Clip	
		42.0	oil 2.0		

Engine Model	CTM No.	Length	Rings	Pin	
1ND-TV Cyl. Dia: 73mm 4 Cyl. 1,364cc	TY07304DAG	64.4	top 1.5 2nd 1.2	27*59.5	
	OEM No.	Comp. Dist.		Clip	
		42.0	oil 2.0		

Engine Model	CTM No.	Length	Rings	Pin	
AVENSIS、 COROLLA (CDT250、CUR10) (2003-2006) **1CD-FTV** Cyl. Dia: 82.2mm 4 Cyl. 1,995cc	TY082201DAG	74.8	top 2.0 2nd 1.5	31*68	
	OEM No.	Comp. Dist.		Clip	
	13101-27080 13101-OG010	47.8	oil 3.0	1.6*34	

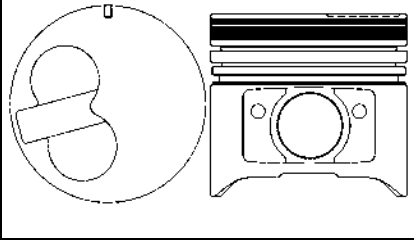
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin
AVENSIS、PREVIA、RAV 4 (1999-2007)	TY082202DAG	74.8	top 2.0 2nd 1.5	31*68
	OEM No.	Comp. Dist.		Clip
1CD-FTV Cyl. Dia: 82.2mm 4 Cyl. 1,995cc	13101-27050 13101-27051	47.8	oil 3.0	1.6*34

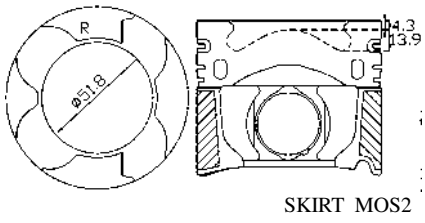


SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
1C	TY08303D	77.0	top 2.0HK 2nd 2.0	27*58
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 83mm 4 Cyl. 1,839cc	13101-64050 13101-64100	47.0 -0.8 -1.0	oil 3.0	RTW=27

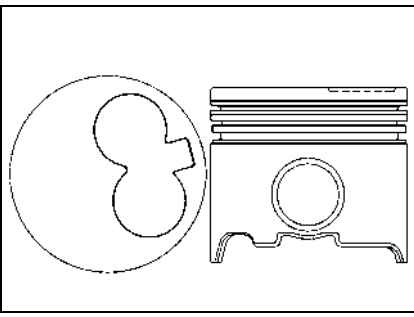


Engine Model	CTM No.	Length	Rings	Pin
LAND CRUISER (VDJ200) (2007-)	TY08601DAG-8	72.0	top 2.0 2nd 1.5	29*69
	OEM No.	Comp. Dist.		Clip
1VD-FTV(L/R) Cyl. Dia: 86mm 8 Cyl. 4,461cc	13101-0W020 13301-0W010 (L/R)	48.0	oil 2.0	1.6*32

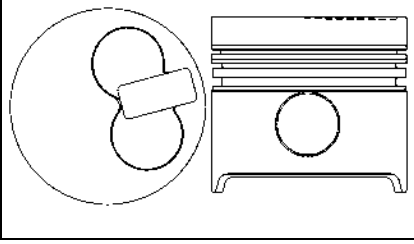


SKIRT MOS2

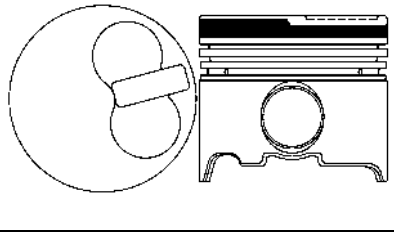
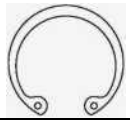
Engine Model	CTM No.	Length	Rings	Pin
LITEACE、CARINA 2、VAN WAGON (1987-1996)	TY08602D TY08602DA	77.0	top 2.0HK 2nd 2.0	27*58
	OEM No.	Comp. Dist.		Clip
2C NEW Cyl. Dia: 86mm 4 Cyl. 1,974cc	13101-64110 13101-64141 13103-64110 13103-64141	47.0 -2.0	oil 3.0	RTW=27

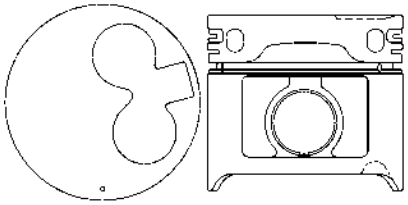
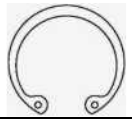


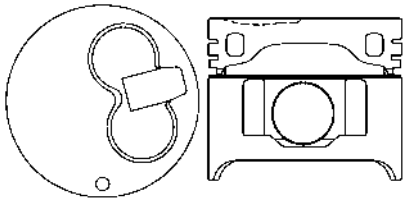
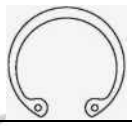
Engine Model	CTM No.	Length	Rings	Pin
CAMRY (1985-1987)	TY08603DA	76.9	top 2.0HK 2nd 2.0	27*61
2CT **2CT-L**	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 86mm 4 Cyl. 1,974cc	13101-64070 13103-64070	46.9 -0.6 -1.1	oil 4.0	RTW=27

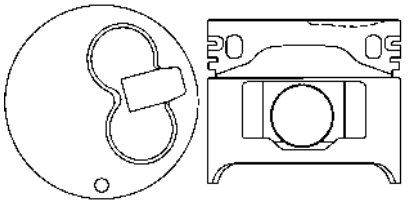
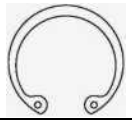


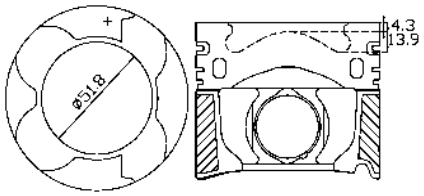
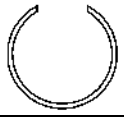
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
MODEL-F (1987-1988) **2C** Cyl. Dia: 86mm 4 Cyl. 1,974cc	TY08605D	77.0	top 1.75HK 2nd 2.0 oil 3.0	27*58	
	OEM No.	Comp. Dist.		Clip	
	13101-64090 13103-64090	47.0 -2.2		RTW=27	

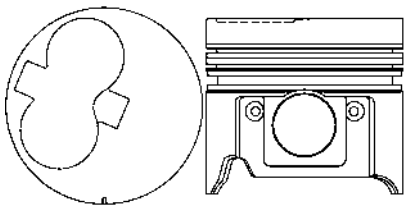
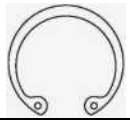
Engine Model	CTM No.	Length	Rings	Pin	
AVENSIS (1998-2000) **2CT** Cyl. Dia: 86mm 4 Cyl. 1,974cc	TY08606DAG	77.0	top 2.0HK 2nd 2.0 oil 3.0	27*66	 HEAD ANODIZED
	OEM No.	Comp. Dist.		Clip	
	13101-64181 13103-64181	47.0 -1.4		RTW=27	

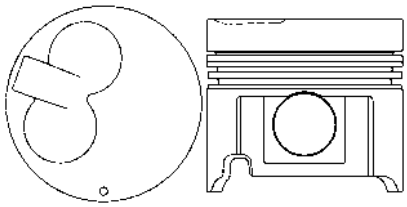
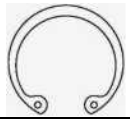
Engine Model	CTM No.	Length	Rings	Pin	
PICNIC (1997-2001) **3C-TE** Cyl. Dia: 86mm 4 Cyl. 2,184cc	TY08607DG	72.5	top 2.0HK 2nd 2.0 oil 3.0	27*61	
	OEM No.	Comp. Dist.		Clip	
	13101-64150/1 13101-64210 13103-64151 13103-64210	42.5 -1.9 -2.9		RTW=27	

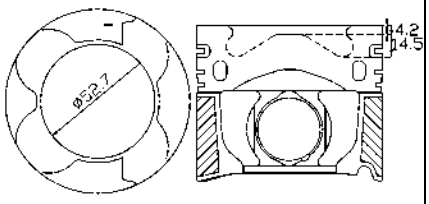
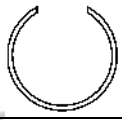
Engine Model	CTM No.	Length	Rings	Pin	
3C-TE Cyl. Dia: 86mm 4 Cyl. 2,184cc	TY08608DAG	72.5	top 2.0HK 2nd 2.0 oil 3.0	27*61	
	OEM No.	Comp. Dist.		Clip	
	13101-64150/1 13101-64210 13103-64151 13103-64210	42.5 -2.0 -3.0		RTW=27	

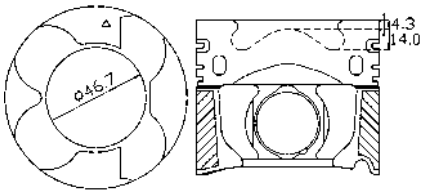
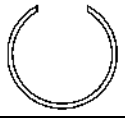
Engine Model	CTM No.	Length	Rings	Pin	
AVENSIS、RAV 4 (2005-) **2AD-FTV** Cyl. Dia: 86mm 4 Cyl. 2,231cc	TY08609DAG	72.0	top 2.0 2nd 1.5 oil 2.0	29*69	 SKIRT MOS2
	OEM No.	Comp. Dist.		Clip	
	13101-0R010 13101-0R012	48.0		1.6*32	

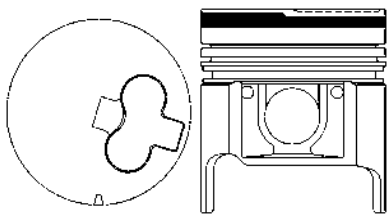
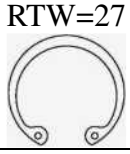
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
1DZ	TY0860ADA	77.0	top 2.0HK 2nd 2.0	27*68	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 86mm 4 Cyl. 2,486cc	13101-78201	47.0 -0.7 -2.3	oil 4.0	RTW=27	 HEAD ANODIZED

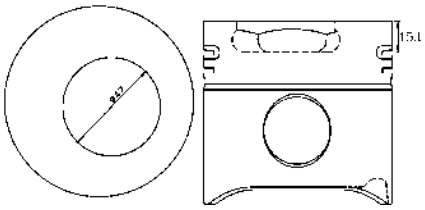
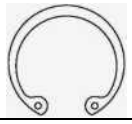
Engine Model	CTM No.	Length	Rings	Pin	
1DZ NEW	TY0860BD	76.3	top 2.0HK 2nd 2.0	27*68	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 86mm 4 Cyl. 2,486cc	13101-78202	46.4 -1.7 -2.2	oil 3.0	RTW=27	 HEAD, TOP AND 2ND RING LAND ANODIZED

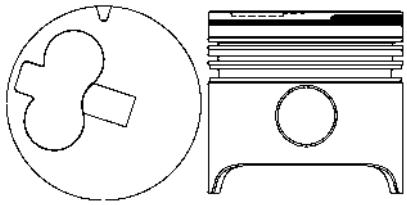
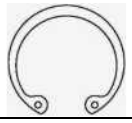
Engine Model	CTM No.	Length	Rings	Pin	
AVENSIS、 IS220D、RAV 4 (2005-) **2AD-FHV**	TY0860CDAG	72.0	top 2.0 2nd 1.5	29*69	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 86mm 4 Cyl. 2,231cc	13101-0R020 13101-0R021 13101-0R022	48.0	oil 2.0	1.6*32	 SKIRT MOS2

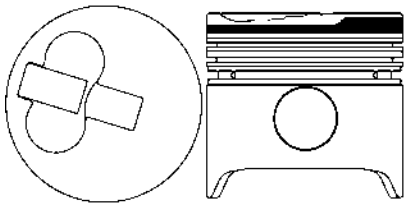
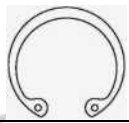
Engine Model	CTM No.	Length	Rings	Pin	
AVENSIS (2006-) **1AD-FTV**	TY0860DDAG	72.0	top 2.0 2nd 1.5	29*69	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 86mm 4 Cyl. 1,998cc	13101-0R030 13101-0R032	48.0	oil 2.0	1.6*32	 SKIRT MOS2

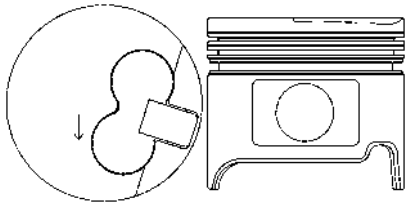
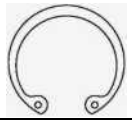
Engine Model	CTM No.	Length	Rings	Pin	
BULIZZARD、 CROWN、HIACE、 HILUX、TOYOACE (1981-1983) **L LN40**	TY09002D	99.0	top 2.0HK 2nd 2.0	27*73.9	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 90mm 4Cyl. 2,188cc	13101-54020 13101-54021 13103-54020 13103-54021	52.0 -1.8	oil 4.0	RTW=27	

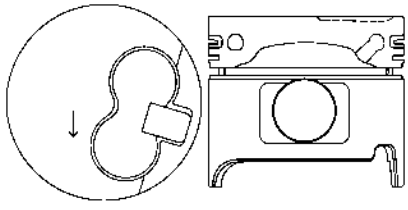
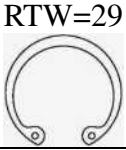
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
LAND CRUISER (HJ61) 1985-1990	TY09103D-6	91.3	top 2.5 2nd 2.5	32*77	
	OEM No.	Comp. Dist.		Clip	
12HT Cyl. Dia: 92mm 6Cyl. 3,980cc	13101-68020 13103-68020	56.3	oil 4.0	RTW=32	

Engine Model	CTM No.	Length	Rings	Pin	
DYNA 100/150、HILUX、LAND CRUISER、4RUNNER (1983-1995)	TY09201D TY09201DA	86.2	top 2.0HK 2nd 2.0	27*74	
	OEM No.	Comp. Dist.		Clip	
2L Cyl. Dia: 92mm 4Cyl. 2,466cc	13101-54060 13103-54060 13104-54060 13105-54060	49.3 -1.5	oil 4.0	RTW=27	

Engine Model	CTM No.	Length	Rings	Pin	
4RUNNER (1984-1990)	TY09202DA	86.2	top 2.0HK 2nd 2.0	29*74	
	OEM No.	Comp. Dist.		Clip	
2LT Cyl. Dia: 92mm 4 Cyl. 2,466cc	13101-5403/5/80 13103-5403/5/80 13104-54030 13105-54030	49.2 -1.4 -3.7	oil 4.0	RTW=29	

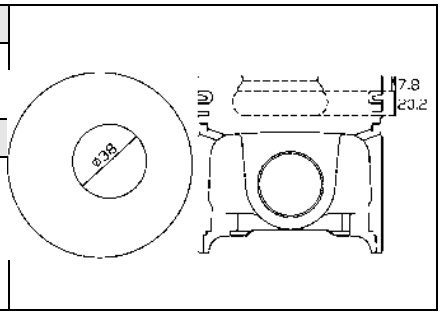
Engine Model	CTM No.	Length	Rings	Pin	
COMUTER、DYNA HIACE VAN、HILUX (1988-)	TY09203DA	80.3	top 2.0HK 2nd 2.0	27*70	
	OEM No.	Comp. Dist.		Clip	
2L II **2L NEW** Cyl. Dia: 92mm 4Cyl. 2,446cc	13101-54070 13103-54070 13104-54070 13105-54070	44.3 -1.8 -2.5	oil 4.0	RTW=27	

Engine Model	CTM No.	Length	Rings	Pin	
HIACE S.B.V、HILUX、LAND CRUISER (1990-1998)	TY09204DAG	80.3	top 2.0HK 2nd 2.0	29*74	
	OEM No.	Comp. Dist.		Clip	
2LT **2LIIT** Cyl. Dia: 92mm 4Cyl. 2,466cc	13101-54090/1 13101-54111 13103-54090/1 13104/5-54090/1	44.3 -2.0 -2.7	oil 4.0	RTW=29	

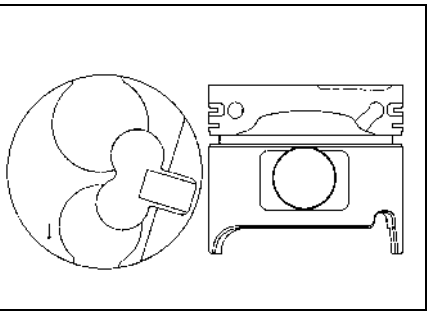
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

For TOYOTA engines

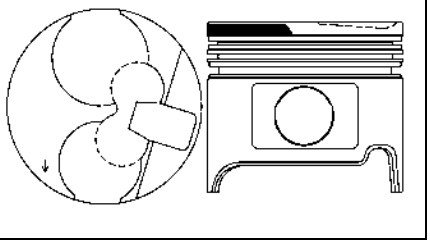
Engine Model	CTM No.	Length	Rings	Pin
DYNA 200 (BU76/84) 188-1992	TY09205D	90.4	top 2.0HK 2nd 2.0	32*72
11B	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 95mm 4 Cyl. 2,977cc	13101-56060 13103-56060 13104-56060 13105-56060	55.4	oil 4.0	RTW=32



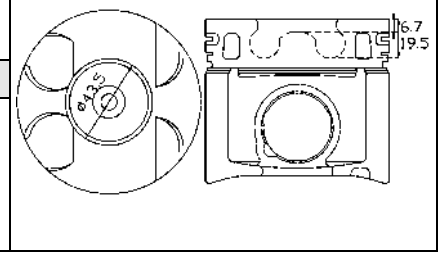
Engine Model	CTM No.	Length	Rings	Pin
HIACE S.B.V (1998-2001)	TY09205DA	80.3	top 2.0HK 2nd 2.0	29*74
2LT NEW **2LIIT NEW**	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 92mm 4 Cyl. 2,466cc	13101-54140/1 13103-54140 13104-54140 13105-54140	44.3 -1.8 -2.5	oil 4.0	RTW=29



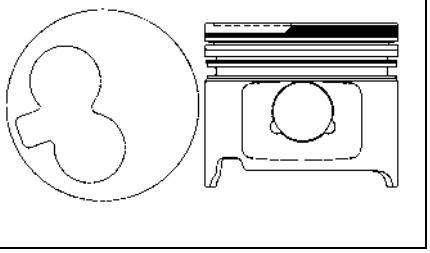
Engine Model	CTM No.	Length	Rings	Pin
DYNA 100、HIACE S.B.V、HILUX (1998-2001)	TY09206DA	80.3	top 2.0HK 2nd 2.0	27*70
2LT NEW **2LIIT NEW**	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 92mm 4Cyl. 2,466cc	13101-54130 13103-54130 13104-54130 13105-54130	44.3 -1.5 -3.0	oil 4.0	RTW=27



Engine Model	CTM No.	Length	Rings	Pin
DYNA 150、HIACE S.B.V、HILUX (2001-)	TY09207DAG	82.2	top 2.0 2nd 1.5	34*65
2KD-FTV	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 92mm 4 Cyl. 2,494cc	13101-0L020/2 13101-30030/1 13103-30030/1	54.2	oil 3.0	1.6*38



Engine Model	CTM No.	Length	Rings	Pin
COASTER、 LAND CRUISER (1990-1999)	TY09401DA	80.5	top 2.0HK 2nd 2.0	29*65
1HZ	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 94mm 6 Cyl. 4,164cc	13101-17010 13103-17010	43.5 -1.6	oil 4.0	RTW=29



About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
LAND CRUISER (1990-1992)	TY09402DA	80.7	top 2.0HK 2nd 2.0	33*73	
1HD-T	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 94mm 6 Cyl. 4,164cc	13101-17020 13103-17020	49.7	oil 4.0	1.6*36.5	

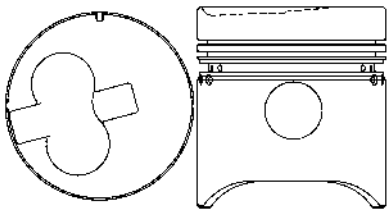
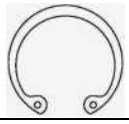
Engine Model	CTM No.	Length	Rings	Pin	
LAND CRUISER (1992-1993)	TY09403DA	80.7	top 2.0HK 2nd 2.0	33*73	
1HD-T	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 94mm 6 Cyl. 4,164cc	13101-17040 13103-17040	49.6	oil 4.0	1.6*36.5	

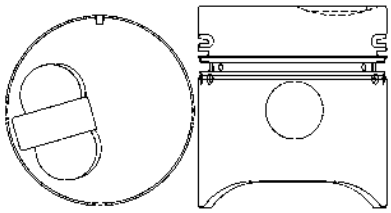
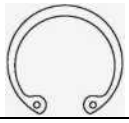
Engine Model	CTM No.	Length	Rings	Pin	
LAND CRUISER (1995-1998)	TY09405DAG	80.4	top 2.0HK 2nd 2.0	33*73	
1HD-FT	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 94mm 6 Cyl. 4,164cc	13101-17080 13101-17090/1 13103-17080 13013-17090	49.4	oil 4.0	1.4*36.5	

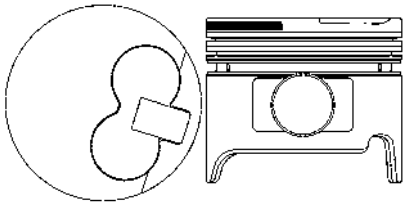
Engine Model	CTM No.	Length	Rings	Pin	
LAND CRUISER100 (1998-)	TY09407DAG	80.4	top 2.0 2nd 1.5	33*73	
1HD-FTE	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 94mm 6 Cyl. 4,164cc	13101-17110 13103-17110	49.4	oil 4.0	1.6*36.5	

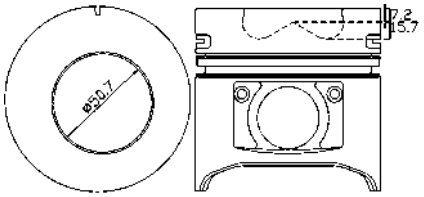
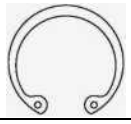
Engine Model	CTM No.	Length	Rings	Pin	
LAND CRUISER (1974-1975)	TY09501D	101.3	top 2.5HK 2nd 2.5	29*79	
B 4 RINGS	OEM No.	Comp. Dist.	3rd 2.5	Clip	
Cyl. Dia: 95mm 4 Cyl. 2,977cc	13081-56011 13085-56011	52.3 -2.6	oil 4.5	RTW=29	

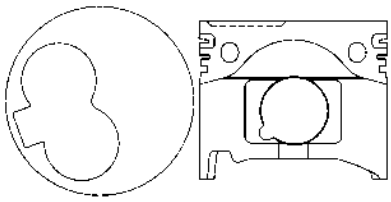
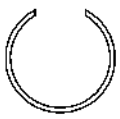
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
DYNA、 LAND CRUISER (1977-1986)	TY09502D	101.3	top 2.5HK 2nd 2.5	29*79	
	OEM No.	Comp. Dist.		Clip	
B 3 RINGS Cyl. Dia: 95mm 4 Cyl. 2,977cc	13101-56013 13101-56020/1 13101-56030/1 13105-56021/30	52.3 -3.1 -4.4	oil 4.5	RTW=29	

Engine Model	CTM No.	Length	Rings	Pin	
B(3) NEW	TY09503DA	101.2	top 2.5HK 2nd 2.0	29*79	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 95mm 4 Cyl. 2,977cc	13101-56050	52.2 -2.8 -4.8	oil 4.0	RTW=29	

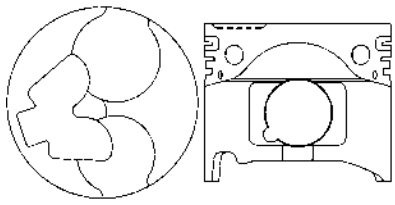
Engine Model	CTM No.	Length	Rings	Pin	
COMUTER、 DYNA150、HIACE VAN、HILUX (1988-2001)	TY09601DA	80.2	top 2.0HK 2nd 2.0	29*74	
	OEM No.	Comp. Dist.		Clip	
3L Cyl. Dia: 96mm 4Cyl. 2,779cc	13101-54100/1 13103-54100/1	42.2 -0.5 -2.5	oil 4.0	RTW=29	

Engine Model	CTM No.	Length	Rings	Pin	
	TY09603D TY09603DA	94.4	top 2.0 2nd 2.0	32*77	
1Z	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 96mm 4 Cyl. 2,953cc	13101-78300 13101-96300	56.5	oil 4.0	RTW=32	

Engine Model	CTM No.	Length	Rings	Pin	
LAND CRUISER 90 (1996-2000)	TY09604DAG	80.7	top 2.0HK 2nd 2.0	34*73	
	OEM No.	Comp. Dist.		Clip	
1KZ-TE Cyl. Dia: 96mm 4 Cyl. 2,982cc	13101-67030 13103-67030 13104-67030 13105-67030	45.7 -2.5	oil 3.0	1.6*37.5	 HEAD ANODIZED

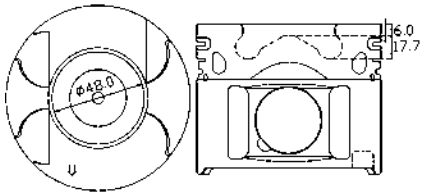
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin
LAND CRUISER 90 (2000-2002)	TY09605DAG	80.7	top 2.0HK 2nd 2.0	34*73
1KZ-TE NEW	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 96mm 4 Cyl. 2,982cc	13101-67050 13103-67050 13104-67050 13105-67050	45.8 -0.9 -2.4	oil 3.0	1.6*37.5



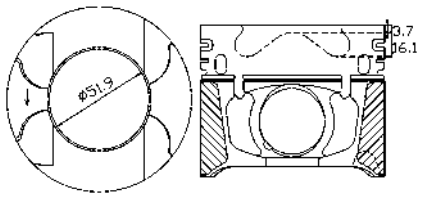
HEAD ANODIZED

Engine Model	CTM No.	Length	Rings	Pin
LAND CRUISER90/120 (2000-2004)	TY09606DAG	77.6	top 2.0HK 2nd 1.5	34*73
1KD-FTV	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 96mm 4 Cyl. 2,982cc	13101-30020 13103-30020 13104-30020 13105-30020	49.6	oil 3.0	1.6*37.5



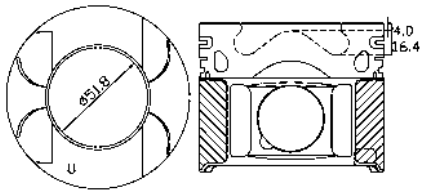
HEAD ANODIZED

Engine Model	CTM No.	Length	Rings	Pin
LAND CRUISER (2004-2006)	TY09607DAG	78.5	top 2.0HK 2nd 1.5	34*73
1KD-FTV NEW	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 96mm 4 Cyl. 2,982cc	13101/3-30060 13104/5-30060 13101-0L030	49.65	oil 3.0	1.6*37.5



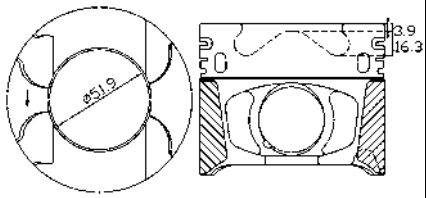
SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin
1KD-FTV	TY09608DAG	77.6	top 2.0HK 2nd 1.5	34*73
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 96mm 4 Cyl. 2,982cc	13101-30050	49.6	oil 3.0	1.6*37.5



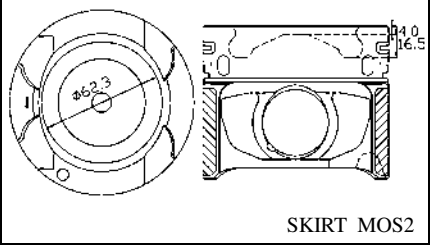
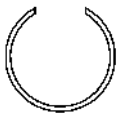
HEAD ANODIZED SKIRT MOS2

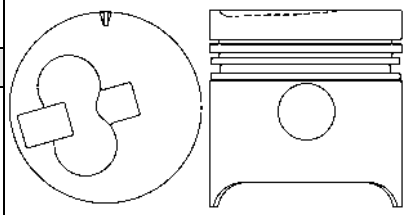
Engine Model	CTM No.	Length	Rings	Pin
1KD-FTV	TY0960ADAG	78.5	top 2.0HK 2nd 1.5	34*73
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 96mm 4 Cyl. 2,982cc	13101-30150	49.6	oil 3.0	1.6*37.5

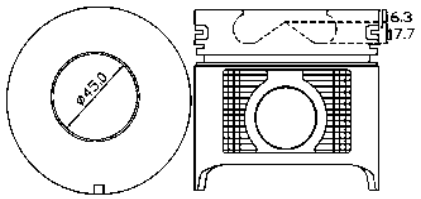
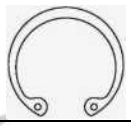


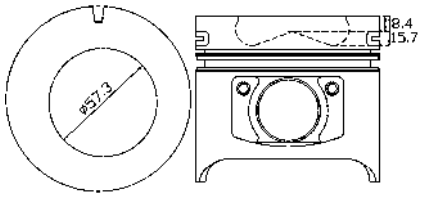
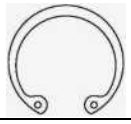
SKIRT MOS2

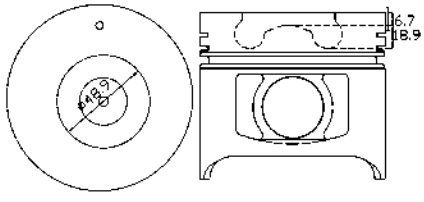
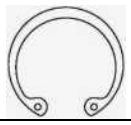
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
1KD-FTV	TY0960BDAG	77.6	top 2.0HK 2nd 1.5	34*73	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 96mm 4 Cyl. 2,982cc	13101-30170-02	49.6	oil 3.0	1.6*37.5 	SKIRT MOS2

Engine Model	CTM No.	Length	Rings	Pin	
DYNA (1981-1982) **2B**	TY09801D	101.2	top 2.5HK 2nd 2.5	29*79	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 98mm 4 Cyl. 3,168cc	13101-57011 13101-57020 13101-57022	52.2 -2.6 -3.2	oil 4.5	1.8*33 	

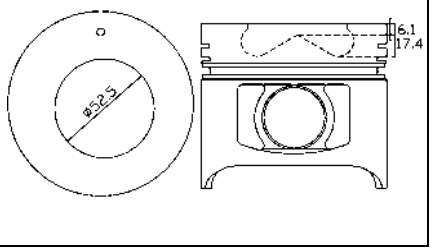
Engine Model	CTM No.	Length	Rings	Pin	
13Z	TY09801D-6 TY09801DA-6	94.4	top 2.0 2nd 2.0	32*77	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 98mm 6 Cyl. 5,244cc	13101-78761	56.5	oil 4.0	RTW=32 	

Engine Model	CTM No.	Length	Rings	Pin	
2Z	TY09802D TY09802DA	87.9	top 2.0 2nd 2.0	32*77	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 98mm 4 Cyl. 3,469cc	13101-78700	50.0	oil 4.0	RTW=32 	

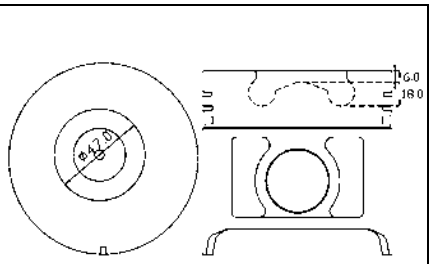
Engine Model	CTM No.	Length	Rings	Pin	
2Z NEW	TY09803D	87.9	top 2.0 2nd 2.0	32*77	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 98mm 4 Cyl. 3,469cc	13101-78702	49.9	oil 4.0	RTW=32 	

About engines	About pistons	About rings
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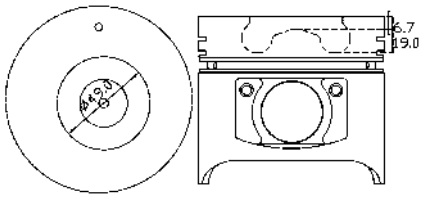
Engine Model	CTM No.	Length	Rings	Pin
2Z	TY09804D	87.9	top 2.0 2nd 2.0	32*77
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 98mm 4 Cyl. 3,469cc	13101-78701	50.0	oil 4.0	RTW=32



Engine Model	CTM No.	Length	Rings	Pin
(2007-) **14Z**	TY09804D-6	94.5	top 2.0 2nd 2.0	32*77
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 98mm 6 Cyl. 5,204cc	13101-78780	56.5	oil 4.0	RTW=32

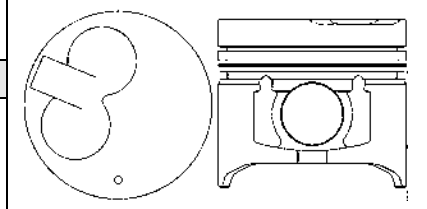


Engine Model	CTM No.	Length	Rings	Pin
(2003-) **14Z**	TY09805D-6	88.0	top 2.0 2nd 2.0	32*77
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 98mm 6 Cyl. 5,204cc	13101-78781	50.0	oil 4.0	RTW=32



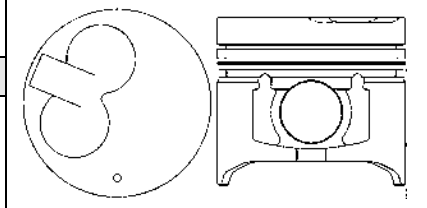
HEAD, TOP AND 2ND RING LAND ANODIZED

Engine Model	CTM No.	Length	Rings	Pin
(2007-) **3Z**	TY09806D-4	87.4	top 2.2HK 2nd 2.0	32*77
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 98mm 4 Cyl. 3,469cc	13101-78C00-71 13103-78C00-71 13105-78C00-71	49.4	oil 4.0	RTW=32



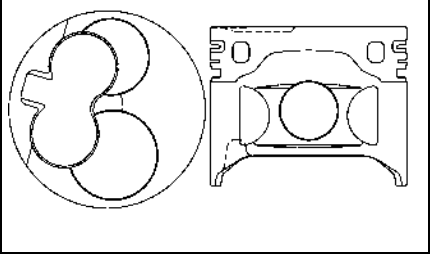
HEAD ANODIZED

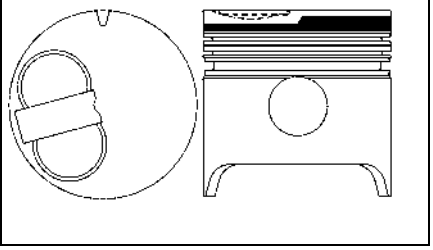
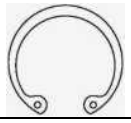
Engine Model	CTM No.	Length	Rings	Pin
(2007-) **15Z**	TY09806D-6	87.4	top 2.2HK 2nd 2.0	32*77
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 98mm 6 Cyl. 5,204cc	13101-78C00	49.4	oil 4.0	RTW=32

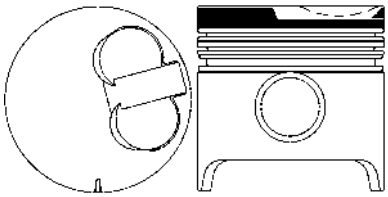
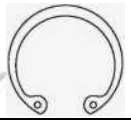


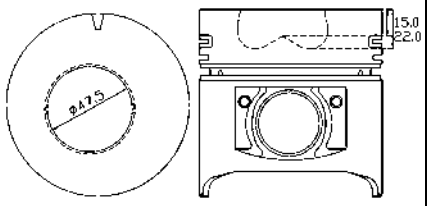
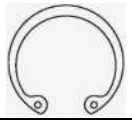
HEAD ANODIZED

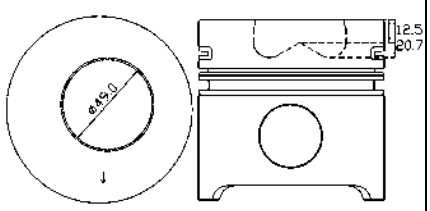
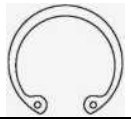
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
COMUTER、DYNA150、HIACE VAN (1998-) **5L/5L-E** Cyl. Dia: 99.5mm 4 Cyl. 2,986cc	TY099501DAG	80.3	top 2.0HK 2nd 1.5	29*74	
	OEM No.	Comp. Dist.		Clip	
	13101-54120 13103-54120	42.3 -0.9 -2.2	oil 4.0	RTW=29	

Engine Model	CTM No.	Length	Rings	Pin	
COASTER、LAND CRUISER (1980-1986) **3B** Cyl. Dia: 102mm 4 Cyl. 3,431cc	TY10201D TY10201DA	101.3	top 2.5HK 2nd 2.5	32*84	
	OEM No.	Comp. Dist.		Clip	
	13101-58011 13101-58012	52.3 -2.6 -4.9	oil 4.5	RTW=32	

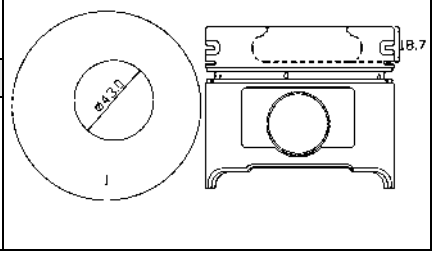
Engine Model	CTM No.	Length	Rings	Pin	
DYNA 200、LAND CRUISER (1988-1995) **3B NEW** Cyl. Dia: 102mm 4 Cyl. 3,431cc	TY10202DA	101.2	top 2.5HK 2nd 2.0	32*72	
	OEM No.	Comp. Dist.		Clip	
	13101-58050 13103-58050 13104-58050 13105-58050	55.2 -5.2	oil 4.0	RTW=32	

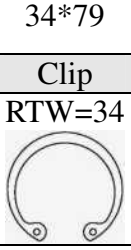
Engine Model	CTM No.	Length	Rings	Pin	
DYNA (1984-1988) **13B** Cyl. Dia: 102mm 4 Cyl. 3,431cc	TY10203DA	104.4	top 2.5 2nd 2.5	34*84	
	OEM No.	Comp. Dist.		Clip	
	13101-58020 13101-58021	63.5	oil 4.5	RTW=34	

Engine Model	CTM No.	Length	Rings	Pin	
LAND CRUISER (1985-1990) **13BT** Cyl. Dia: 102mm 4 Cyl. 3,431cc	TY10204DA	98.4	top 2.5HK 2nd 2.5	34*79	
	OEM No.	Comp. Dist.		Clip	
	13101-58030	63.5	oil 4.5	RTW=34	

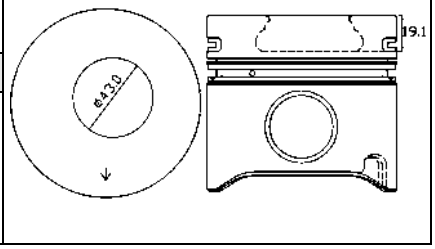
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin
DYNA 200 (1988-1996) **14B** Cyl. Dia: 102mm 4 Cyl. 3,659cc	TY10205DA	86.8	top 2.5HK 2nd 2.0	32*72
	OEM No.	Comp. Dist.		Clip
	13101-58040/1 13103-58040 13104-58040 13105-58040	51.8	oil 4.0	RTW=32

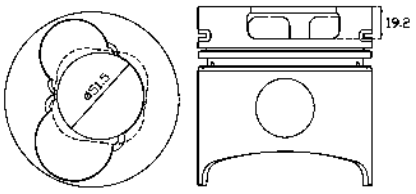


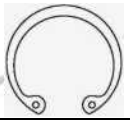


Engine Model	CTM No.	Length	Rings	Pin
14BT Cyl. Dia: 102mm 4 Cyl. 3,659cc	TY10206DA	94.8	top 3.0HK 2nd 2.0	34*79
	OEM No.	Comp. Dist.		Clip
	13101-58060	59.8	oil 4.0	RTW=34

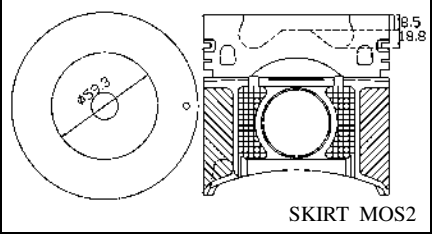


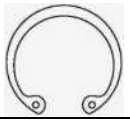
Engine Model	CTM No.	Length	Rings	Pin
DYNA (1983-1987) **1W** Cyl. Dia: 104mm 4 Cyl. 4,009cc	TY10401DA	106.2	top 2.5 2nd 2.0	35*85
	OEM No.	Comp. Dist.		Clip
	13101-78020 13101-78060	60.2	oil 5.0	RTW=35



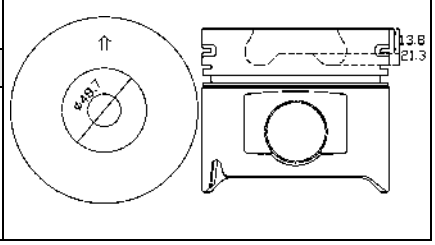


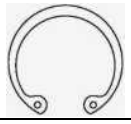
Engine Model	CTM No.	Length	Rings	Pin
N04CT Cyl. Dia: 104mm 4 Cyl. 4,009cc	TY10404DAG	100.0	top 2.5 2nd 2.0	37*85
	OEM No.	Comp. Dist.		Clip
		60.2	oil 4.0	RTW=37



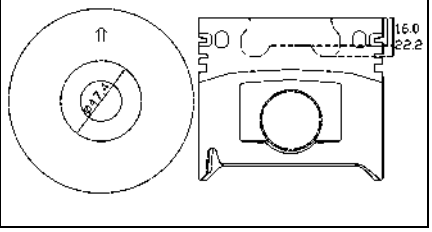
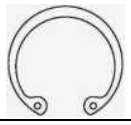


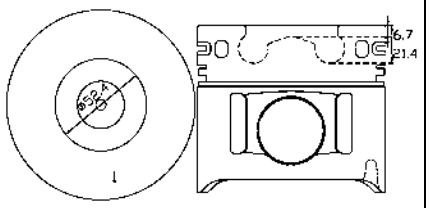
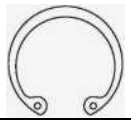
Engine Model	CTM No.	Length	Rings	Pin
DYNA 200 (1995-) **15B-FT** Cyl. Dia: 108mm 4 Cyl. 4,104cc	TY10801DA	94.5	top 3.0HK 2nd 2.0	34*73
	OEM No.	Comp. Dist.		Clip
	13101-58080/90 13103-58080/90 13104-58080/90 13105-58080/90	59.5	oil 4.0	RTW=34

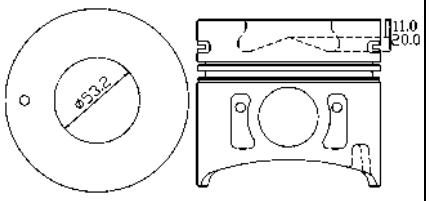
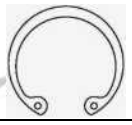




About engines	About pistons	About rings
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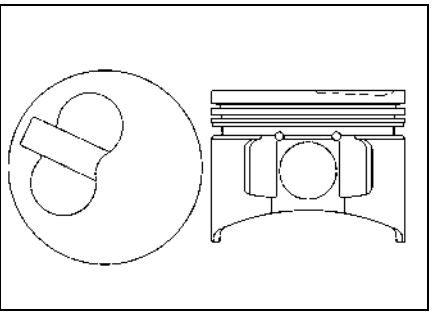
Engine Model	CTM No.	Length	Rings	Pin	
DYNA 200 (1997-) **15B-FT** Cyl. Dia: 108mm 4 Cyl. 4,104cc	TY10802DAG	94.5	top 3.0HK 2nd 2.0 oil 4.0	34*73	
	OEM No.	Comp. Dist.		Clip	
	13101-58081/91 13103-58081/101 13104-58081/101 13105-58081/101	59.5		RTW=34	

Engine Model	CTM No.	Length	Rings	Pin	
DYNA、DYNA 200 (1999-) **15B-FTE** Cyl. Dia: 108mm 4 Cyl. 4,104cc	TY10803DAG	94.5	top 3.0 2nd 2.0 oil 4.0	37*82	
	OEM No.	Comp. Dist.		Clip	
	13101-58120 13103-58120 13104-58120 13105-58120	59.6		RTW=37	

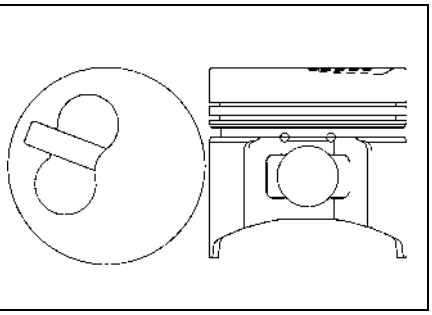
Engine Model	CTM No.	Length	Rings	Pin	
DYNA (2001-2006) **S05C** Cyl. Dia: 114mm 4 Cyl. 4,613cc	TY11401DA	103.5	top 2.5 2nd 2.0 oil 4.0	37*85	
	OEM No.	Comp. Dist.		Clip	
	13216-2983 13218-78020 13218-78021	60.5		RTW=37	

About engines	About pistons	About rings
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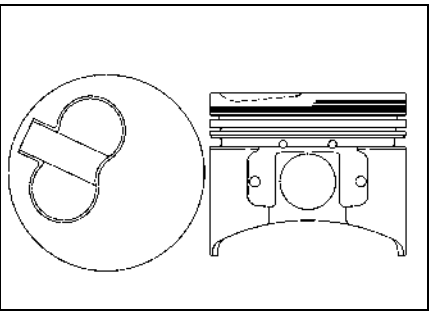
Engine Model	CTM No.	Length	Rings	Pin
3TNE68	YM06801D	53.0	top 1.2HK 2nd 1.5	20*55
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 68mm 4 Cyl. cc		28.0 -1.6	oil 3.0	RTW=20



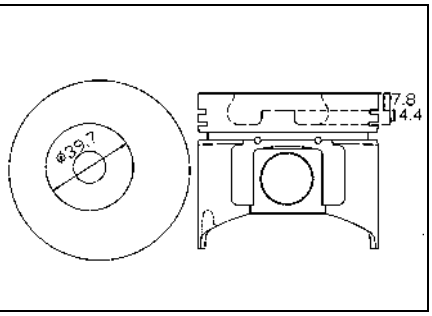
Engine Model	CTM No.	Length	Rings	Pin
3TNA68	YM06802D	65.3	top 1.5 2nd 1.5	21*56
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 68mm 4 Cyl. cc		37.2 -0.7 -1.9	oil 3.5	RTW=21



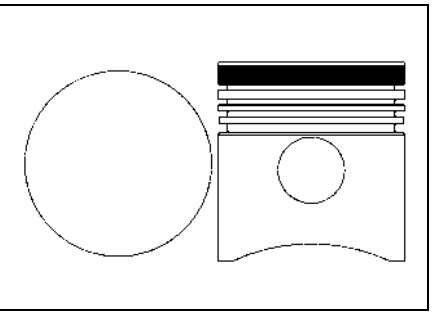
Engine Model	CTM No.	Length	Rings	Pin
3TNE74	YM07401D	61.4	top 1.6HK 2nd 1.5	21*58.5
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 74mm 4 Cyl. cc		33.4 -1.1 -3.2	oil 3.0	RTW=21



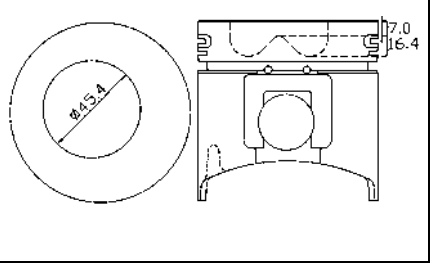
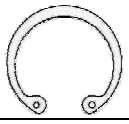
Engine Model	CTM No.	Length	Rings	Pin
3TNV82A	YM08201D	71.1	top 2.0 2nd 2.0	23*65
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 82mm 4 Cyl. cc		39.0	oil 4.0	RTW=23

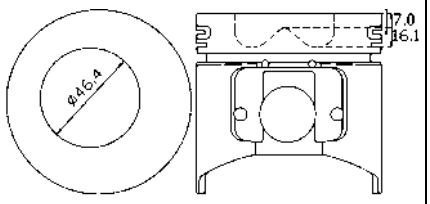
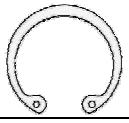


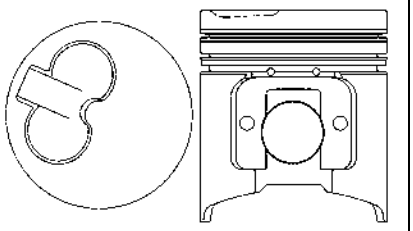
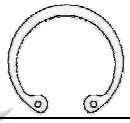
Engine Model	CTM No.	Length	Rings	Pin
3D84	YM08401D	90.4	top 2.5 2nd 2.0 3rd 2.0	30*70
	OEM No.	Comp. Dist.		Clip
Cyl. Dia: 84mm 4 Cyl. cc		49.0	oil 4.0	2.0*34

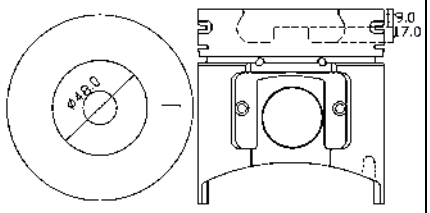
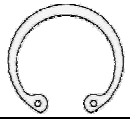


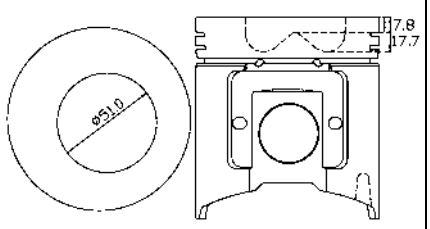
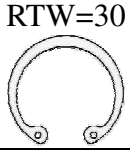
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
3TNE84	YM08401DA	84.0	top 2.0 2nd 2.0	26*69	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 84mm 4 Cyl. cc		47.3	oil 4.0	RTW=26	

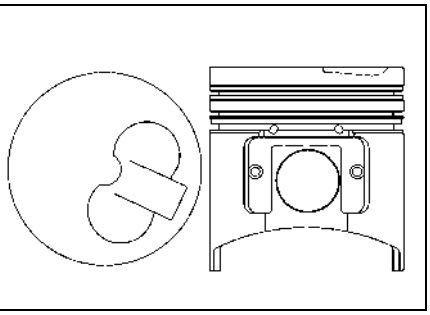
Engine Model	CTM No.	Length	Rings	Pin	
4TNE86	YM08601DA	84.0	top 2.0 2nd 2.0	26*70	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 86mm 4 Cyl. cc		47.2	oil 4.0	RTW=26	

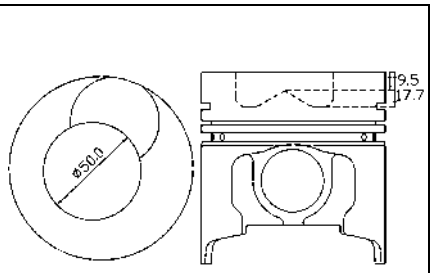
Engine Model	CTM No.	Length	Rings	Pin	
4TNE92	YM09202DA	103.8	top 2.1HK 2nd 2.0	30*73	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 92mm 4 Cyl. cc		59.8 -3.3	oil 3.0	RTW=30	

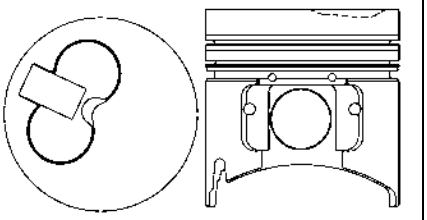
Engine Model	CTM No.	Length	Rings	Pin	
4T94	YM09401DA	98.8	top 2.1HK 2nd 2.0	30*72.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 94mm 4 Cyl. cc		54.8	oil 3.0	RTW=30	

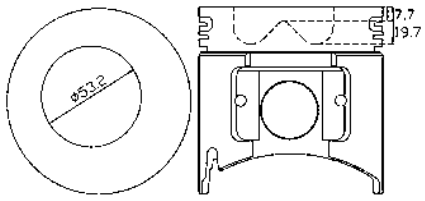
Engine Model	CTM No.	Length	Rings	Pin	
4TNE94	YM09402D	103.7	top 2.1HK 2nd 2.0	30*72.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 94mm 4 Cyl. cc		59.7	oil 3.0	RTW=30	

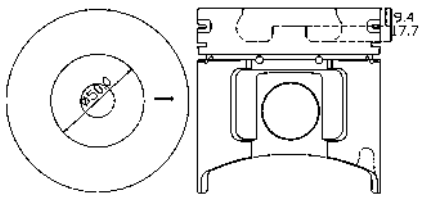
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
4D94LE	YM09403DA	99.4	top 2.1HK 2nd 2.0	30*72.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 94mm 4 Cyl. cc		55.4 -2.3 -4.2	oil 3.0	RTW=30	

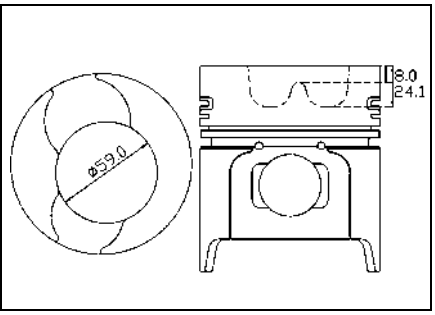
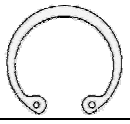
Engine Model	CTM No.	Length	Rings	Pin	
4TNE94	YM09404DA	98.2	top 3.0 2nd 2.5	32*70	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 94mm 4 Cyl. cc		55.5	oil 5.0	RTW=32	

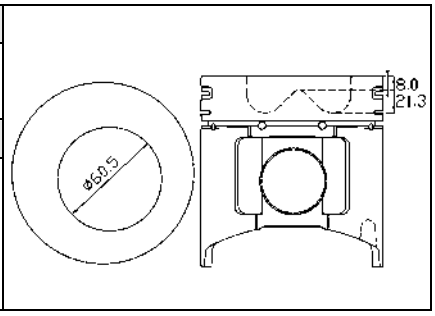
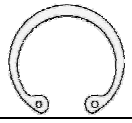
Engine Model	CTM No.	Length	Rings	Pin	
4D98E	YM09801DA	99.3	top 2.0HK 2nd 2.0	30*72.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 98mm 4 Cyl. cc		55.3 -2.3 -4.3	oil 3.0	RTW=30	

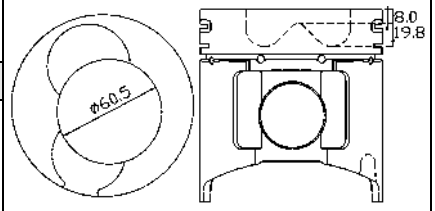
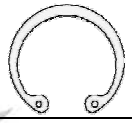
Engine Model	CTM No.	Length	Rings	Pin	
4TNE98	YM09802DA	98.6	top 2.1HK 2nd 2.0	30*72.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 98mm 4 Cyl. cc		54.6	oil 3.0	RTW=30	

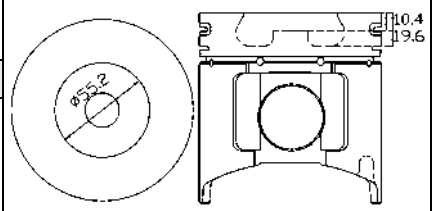
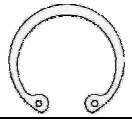
Engine Model	CTM No.	Length	Rings	Pin	
4T98	YM09803DA	99.0	top 2.1HK 2nd 2.0	30*72.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 98mm 4 Cyl. cc		55.0	oil 3.0	RTW=30	

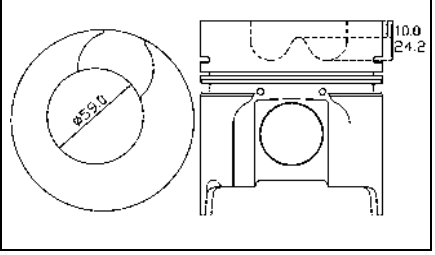
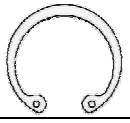
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
6CH-HT	YM10501DA	119.7	top 3.0 2nd 2.5 3rd 2.5 oil 5.0	36*89	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 105mm 6 Cyl. cc		69.7		RTW=36	

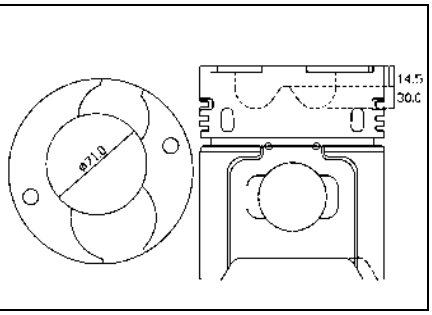
Engine Model	CTM No.	Length	Rings	Pin	
4TNE106	YM10601DA	111.2	top 2.5HK 2nd 2.0	37*83	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 106mm 4 Cyl. cc		61.2	oil 3.0	RTW=37	

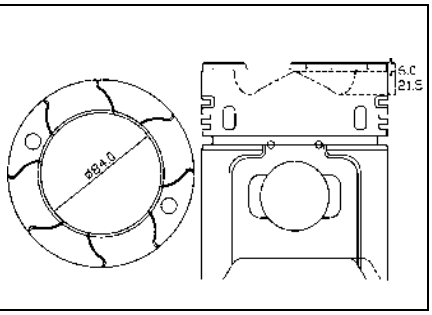
Engine Model	CTM No.	Length	Rings	Pin	
4TNE106T	YM10602DA	111.2	top 2.5HK 2nd 2.0	37*83.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 106mm 4 Cyl. cc		61.2	oil 3.0	RTW=37	

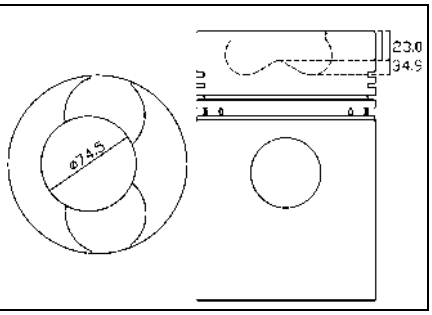
Engine Model	CTM No.	Length	Rings	Pin	
4TNV106	YM10603DA	111.4	top 2.5HK 2nd 2.0	37*83.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 106mm 4 Cyl. cc		61.4	oil 3.0	RTW=37	

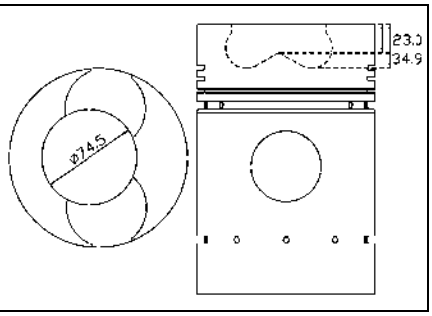
Engine Model	CTM No.	Length	Rings	Pin	
4T112	YM11201D	119.65	top 3.0 2nd 2.5	38*88	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 112mm 4 Cyl. cc		69.65	oil 5.0	RTW=38	

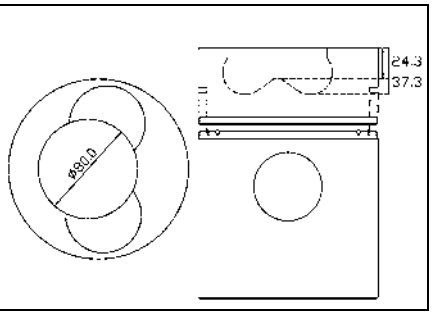
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
6HA-HT(2V)	YM13001DAG	150.0	top 4.0 2nd 3.0 3rd 3.0 oil 6.0	48*111.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 130mm 6 Cyl. cc		92.0		RTW=48	

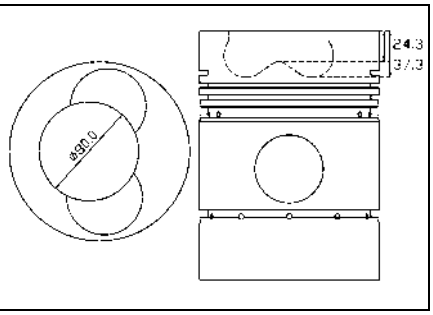
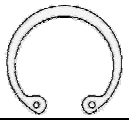
Engine Model	CTM No.	Length	Rings	Pin	
6HA-DT(4V)	YM13002DAG	150.0	top 4.0 2nd 3.0 3rd 3.0 oil 6.0	48*111.5	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 130mm 6 Cyl. cc		92.0		RTW=48	

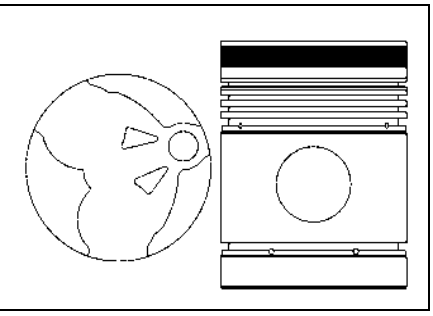
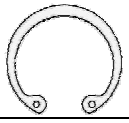
Engine Model	CTM No.	Length	Rings	Pin	
Y1	YM14001D	211.5	top 4.0 2nd 3.0 3rd 3.0 oil 6.0	55*116	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 140mm 4 Cyl. cc		111.5		RTW=55	

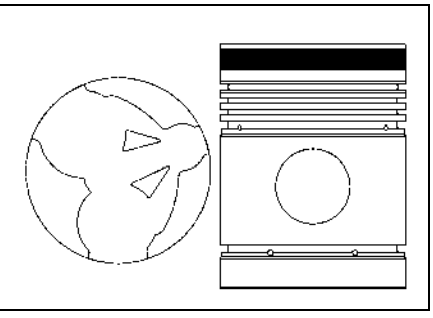
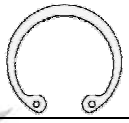
Engine Model	CTM No.	Length	Rings	Pin	
Y2	YM14002D	211.5	top 4.0 2nd 3.0 3rd 3.0 oil 6.0	55*116	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 140mm 4 Cyl. cc		111.5		RTW=55	

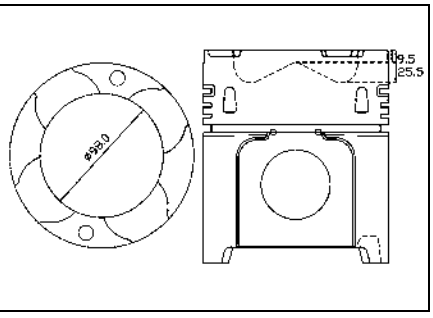
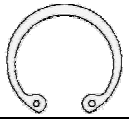
Engine Model	CTM No.	Length	Rings	Pin	
Y3	YM14503D	201.5	top 4.0 2nd 4.0 3rd 4.0 oil 6.0	55*116	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 145mm 4 Cyl. cc		111.6		RTW=55	

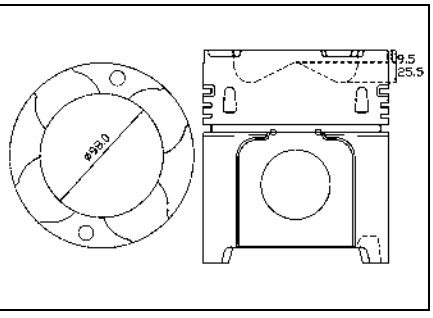
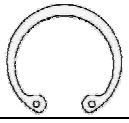
About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**

Engine Model	CTM No.	Length	Rings	Pin	
Y4	YM14504D	201.5	top 4.0 2nd 4.0 3rd 4.0 oil 6.0	55*116	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 145mm 4 Cyl. cc		111.6		RTW=55	

Engine Model	CTM No.	Length	Rings	Pin	
Y5	YM14505DA	190.0	top 4.0 2nd 4.0 3rd 4.0 oil 6.0	58*121	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 145mm 4 Cyl. cc		110.0 -3.2 -7.2		RTW=58	

Engine Model	CTM No.	Length	Rings	Pin	
Y5N	YM14506DA	189.8	top 4.0 2nd 4.0 3rd 4.0 oil 6.0	58*121	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 145mm 4 Cyl. cc		110.0 -3.5 -8.0		RTW=58	

Engine Model	CTM No.	Length	Rings	Pin	
6LA-UT	YM14801DAG	168.0	top 4.0 2nd 3.5 3rd 3.5 oil 6.0	55*124	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 148mm 6 Cyl. cc		106.0		RTW=55	

Engine Model	CTM No.	Length	Rings	Pin	
6LA-DT	YM14802DAG	168.0	top 4.0 2nd 3.5 3rd 3.5 oil 6.0	55*120	
	OEM No.	Comp. Dist.		Clip	
Cyl. Dia: 148mm 6 Cyl. cc		106.0		RTW=55	

About engines	About pistons	About rings
D=diesel G=gasoline	**A=alfin B=bushing G=oil gallery**	**HK=half keystone DK=double keystone**