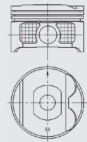
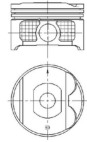
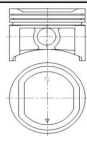
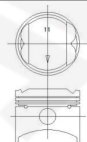
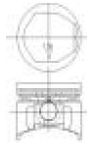
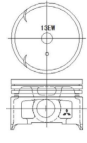
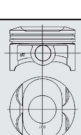
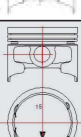
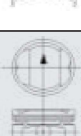
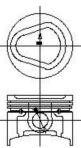
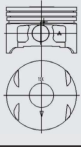
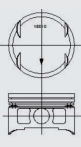
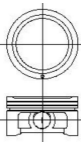
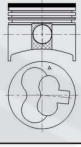
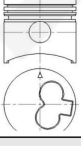
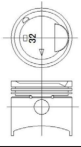
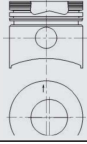
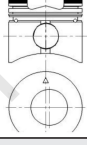
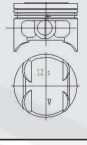
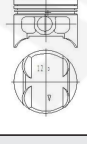
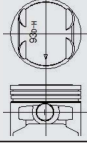
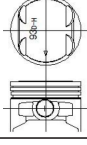
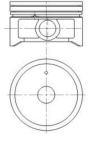
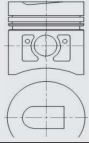
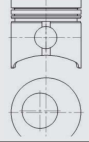
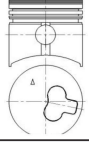


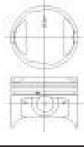
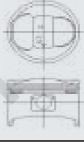
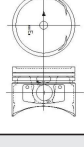
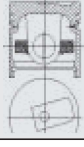
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M31490	3G83		3	62.5	51.40	26.20	1.5 1.5 2.8	16.000			
M30950	3G83		3	65	43.00	27.5	1.2 1.2 2.0	16.000	46.00		
M30951	3G83		3	65	43.00	27.5	1.0 0.8 2.0	16.000	46.00		
M32020	NM45			65	67.6		2.5 2.5 2.5 4	20	52		
M31110	4A31	MD333030	4	66	48.60	26.1 -3.1	1.0 1.2 2.5	16.000	46.00		
M31001	HD-038		3	68	68.00	39.0 -1.8	2.5 2.5 2.5 4.0	19.000	61.00		
M30560	4G11 G11B	MD030312 STD MD030381 0.50	4	69.5	58.90	29.0 +0.9	1.5 1.5 4.0	18.000	61.00		
M31000	HD-031		3	70	68.00	39.0 -2.0	2.5HK 2.5 2.5 4.0	19.000	60.00		
M30180	4G13 4G13N	MD099757 STD MD099759 0.50	4	71	58.10	29.3 -0.8	1.5 1.5 4.0	18.000	61.00		
M30190	4G13/A	MD172036	4	71	58.10	29.1 +1.9 -2.7	1.2 1.5 3.0	18.000	56.00		
M30200	4G13-NEW 4G13EW	MD329659	4	71	50.00	29.0 -0.5	1.2 1.5 2.8	18.000	56.00		

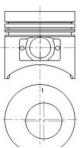
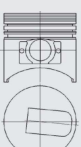
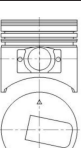
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M30201	4G13-LATE 4G13M	MD331001	4	71	50.50	29.0 +0.5	1.2 1.5 2.8	18.000	56.00		
M31280	4G13		4	71	50.00	29	1.2 1.5 2.8	18.000	56.00		
M30240	4G33 L300	MD009580 MD009581 MD009584	4	73	70.20	33.2 -2.3 -6.9	1.5 1.5 4.0	19.000	63.00		
M30170	4G12 G12B	MD030322 MD030391 MD012008 MD030327	4	74	58.00	29.0 -1.5	1.5 1.5 4.0	18.000	61.00		
M31210	4A92	110C275		75	49.90	26.0 +3.9	1.0 1.2 2.0	18.000	50.00		
M31480	4A91		4	75	46.10	26.1 -0.7	1.2 0.8 2.0	18.000			
M32030	GA70			75	81		2.5 2.5 2.5 4 4	25	65.3		
M30210	G415 4G15-NEW	MD144901 MD143914 MD320435	4	75.5	58.00	29.0 -0.5	1.2 1.5 3.0	18.000	56.00		
M30211	4G15-NEW	MD320441	4	75.5	58.00	29.0 -0.45	1.2 1.5 3.0	18.000	56.00		
M30220	4G15/A 4G15-S3	MD332841	4	75.5	49.60	28.6 -1.5	1.2 1.5 2.8	18.000	56.00		
M30510	G15B HYUNDAI 4G15	MD074715 MD074720	4	75.5	58.00	29.0 -0.7 -4.4	1.5 1.5 4.0	18.000	61.00		

CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M30700	4G15N	MD099769 MD099770	4	75.5	58.50	29.5 -3.6	1.5 1.5 4.0	18.000	61.00		
M31220	4G15-15K		4	75.5	49.50	28.3	1.2 1.2 2.5	18.000	56.00		
M31470	4G15		4	75.5	46.50	29.30	1.2 1.5 3.0	19.000			
M30600	4G18-S4	MD367775 MD367776 MD367777 MD371689	4	76	47.00	26.0 -1.5 -2.2	1.2 1.2 2.5	18.000	56.00		
M30720	GEN-2	PW881135	4	76	42.50	25.5 -1.7	1.2 1.2 2.5	18.000	56.00		
M31070	L2E L3E	30L17-00011	2/3	76	64.50	34.5 -0.5 -1.5	2.0HK 2.0 3.0	21.000	66.00		
M31080	K4E		4	76	72.00	39.0 -1.6	2.5HK 2.0 4.0	23.000	61.00		
M31500	4G18		4	76	46.90	25.90	1.2 1.2 2.5	18.000			
M30230	4G32 G32B	MD009521 MD009321 MD009520	4	76.9	70.50	33.5 -2.7 -7.2	2.0 2.0 4.0	19.000	63.00		
M30520	G32B	MD100404 MD100405 MD105494 MD105495	4	76.9	68.00	34.0 -2.2 -7.1	1.5 1.5 4.0	19.000	63.00		
M30521	G32		4	76.9	68.00		2.0 2.0 4.0	19.000	63.00		
M30630				78	72.00	43.0 -14.0	2.5 2.0 4.0	27.000	64.00		

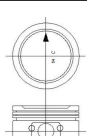
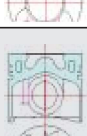
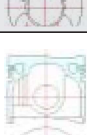
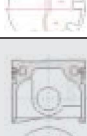
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M30810	S4L	31A17-11100	4	78	72.70	39.7	2.5HK 2.0 4.0	23.000	65.00		
M31180	K4F		4	78	72.00	39.2 -14.0	2.5HK 2.0 4.0	23.000	64.00		39*14
M31190	K4F		4	78	72.00	43.1 -14.0	2.5HK 2.0 4.0	27.000	64.00		39*14
M31510	4SL		4	78	72.65	39.65 -2.2	2.5HK 2.0 4.0	23.000			
M32040	NM75			78	80		2.5 2.5 2.5 4	23	65.5		
M30740	6A12 L ST-41	MD352494	6	78.4	59.40	30.0 +1.0	1.2 1.2 2.8	19.000	58.00		
M30741	6A12 R ST-41	MD356498	6	78.4	59.40	30.0 +1.0	1.2 1.2 2.8	19.000	58.00		
M32050	NM85			80	84		2.5 2.5 2.5 4	25	67.4		
M30130	4D65 DIESEL ALFIN	MD061985	4	80.6	78.80	41.8 -2.1	2.0HK 2.0HK 4.0	25.000	67.00		
M30690	4G92	MD191343 MD184673 XW530339-41	4	81	62.30	30.1 +3.0	1.2 1.2 2.8	19.000	58.00		
M30710	4G93	XW530357 XW530336 XW530337 XW530338	4	81	60.80	30.8 +1.0	1.2 1.2 2.8	19.000	58.00		

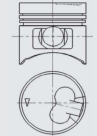
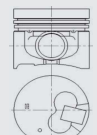
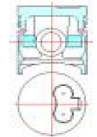
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M30101	4D56T-LATE 4D56T DIESEL ALFIN	MD304850	4	81.1	88.70	48.7 -1.3 -2.6	2.5HK 2.0HK 4.0	29.000	74.00		
M30980	4G94	MD375974 MD375975 MD375976 MD379620 MD379621	4	81.5	50.40	30.4 -1.2	1.2 1.2 2.5	19.000	58.00		
M31140	S3E		3	82	85.50	51.5	2.0 2.0 4.0	25.000	70.00		
M30580	4G61 ELANTRA 2.0	MD129932 23410-33010 23410-33000 23410-33020 23410-33901 23410-33902 23410-33903 23410-33904	4	82.3	66.00	32.5 +1.4 -3.4	1.2 1.5 3.0	21.000	66.00		
M30140	4D68T DIESEL alfin and with oil gallery	MD194157	4	82.7	76.30	39.3 -1.5	2.0HK 2.0HK 3.0	25.000	67.00		
M30670	4D68 DIESEL ALFIN	MD194163	4	82.7	76.30	39.4 -1.7	2.0HK 2.0 3.0	25.000	67.00		
M31090	K4M		4	84	83.40	46.5 -16.5	2.5HK 2.0 4.0	27.000	63.00		43*16.5
M31410	K3M	MM433007 MM433008 MM433009 MM433010	3	84	80.00	43.5 -1.9	2.5HK 2.0 4.0	23.000	65.00		
M30260	4G63 L300 G63B	MD040821 MD041560	4	85	74.00	34.8 +2.0 -4.6	2.0 2.0 4.0	21.000	72.00		
M30270	4G63J	MD043155	4	85	72.00	35.0 -1.0 -7.0 -4.5	2.0 2.0 4.0	21.000	72.00		

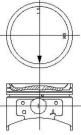
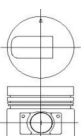
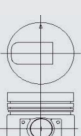
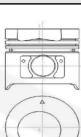
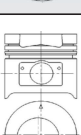
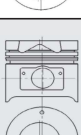
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M30280	4G63-2 4G63 NEW G63N NEW	MD188097 MD188100	4	85	67.00	35	1.2 1.5 2.8	22.000	62.00		
M30290	4G63-1	MD194365	4	85	67.50	35.3 -5.0 -7.5	1.2 1.5 3.0	22.000	66.00		
M30330	4G63-P	MD190256 MD190244	4	85	69.00	35.4 +1.7 -7.2	1.2 1.5 3.0	22.000	66.00		
M30310	4G63S	MD338841 0.50 MD33890 STD	4	85	67.00	35.0 -2.0	1.2 1.5 2.8	22.000	66.00		
M31450	4G63K	MD189288	4	85							
M31520	4G63S	MD188096	4	85	67.00	35 -1.82	1.2 1.5 2.8	22.000			
M31521	4G63L	MD190244	4	85	67.20	35.2 -4.45	1.2 1.5 3.0	22.000			
M31522	4G63K	MD188292 MD188289	4	85	67.30	35.3 -1.5	1.2 1.5 3.0	22.000			
M31523	4G63	MD188097	4	85	67.00	35 -1.82	1.2 1.5 2.8	22.000			
M31580	4D23			86	87.9		2.5HK 2 3.5	28	72		
M30320	4G64SA	MD303074 MD188115	4	86.5	67.00	35.0 -4.2	1.2 1.5 2.8	22.000	66.00		
M31460	4G644		4	86.5							
M30780	S4Q2	32C17-05100	4	88	86.00	51	2.5HK 2.0 4.0	28.000	73.00		
M31530	HD16006YW	MD024928	4	88	51.50	27.5 -1.7	1.2 1.2 2.0	21.000			
M31540	NFC2.4	23410-25211	4	88	51.50	27.5 -1.7	1.2 1.2 2.0	21.000			

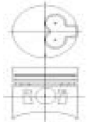
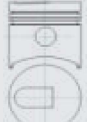
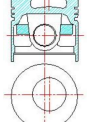
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M31100	K4N	MM438685	4	90	86.30	46.3 -17.0	2.5HK 2.0 4.0	27.000	68.00		46.5*17
M31101	K4N	30H17-02110	4	90	86.50	46.5 -3.0	2.5HK 2.0 4.0	27.000	68.00		
M31320	K4N	30H17-02110	4	90	86.50	46.5 -3.0	2.5HK 2.0 4.0	27.000	68.00		
M30090	4D55 DIESEL ALFIN	MD050021	4	91.1	88.70	48.7 -2.6 -3.0	2.5 2.0 4.0	29.000	74.00		
M30091	4D56 DIESEL ALFIN	MD103318	4	91.1	88.70	48.7 -2.8 -3.0	2.5 2.0 4.0	29.000	74.00		
M30100	4D55T 4D56T D4BF DIESEL ALFIN	MD050011 MD103308	4	91.1	88.70	48.7 -2.6	2.5HK 2.0HK 4.0	29.000	74.00		
M30102	4D56-LATE DIESEL ALFIN	MD304838	4	91.1	88.70	48.7 -2.6	2.5 2.0 4.0	29.000	74.00		
M30103	4D56 DIESEL ALFIN	MD103323	4	91.1	88.70	48.7 -2.8 -3.0	2.5 2.0 4.0	29.000	74.00		
M30104	4D56	MD050014	4	91.1	88.70	48.7 -2.6 -3.0 -0.3	2.5 2.0 4.0	29.000	74.00		
M30105	4D55	MD050021	4	91.1	88.70	48.7 -2.6 -2.8 -0.3	2.5 2.0 4.0	29.000	74.00		

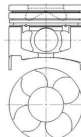
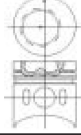
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M30106	4D55T		4	91.1	88.70	48.7 -2.6 -2.3 -0.3	2.5HK 2.0HK 4.0	29.000	74.00		
M30107	4D56	MD050024	4	91.1	88.70	48.7 -3.5 -2.8	2.5 2.0 4.0	29.000	74.00		
M30108	4D56-LATE DIESEL ALFIN		4	91.1	88.70	48.7 -3.0	2.5 2.0 4.0	29.000	74.00		
M30109	4D56		4	91.1	88.70	48.6 -1.8	2.5 2.0 4.0	29.000	75.00		
M30110	4D56T-NEW 4D55T 4D56T DIESEL alfin and with oil gallery	MD304853 L	4	91.1	88.70	48.7 -1.6 -2.6	2.5HK 2.0HK 4.0	29.000	74.00		
M30111	4D56T-NEW 4D55T 4D56T DIESEL alfin and with oil gallery	MD304859 R	4	91.1	88.70	48.7 -1.6 -2.6	2.5HK 2.0HK 4.0	29.000	74.00		
M30112	4D56T-NEW 4D55T 4D56T DIESEL alfin and with oil gallery		4	91.1	88.70	48.7 -1.5	2.5HK 2.0HK 4.0	29.000	74.00		
M30113	4D56T-NEW 4D55T 4D56T DIESEL ALFIN with oil gallery		4	91.1	88.70	48.7 -1.5	2.5HK 2.0HK 4.0	29.000	74.00		
M30114	4D55T 4D56T alfin and with oil gallery	L MD182600 MD182601 MD182602	4	91.1	88.80	48.7 -2.6 -3.0	3.0HK 2.0HK 4.0	29.000	75.00		
M30115	4D55T 4D56T alfin and with oil gallery	R MD182606 MD182607 MD182608	4	91.1	88.80	48.7 -2.6 -3.0	3.0HK 2.0HK 4.0	29.000	75.00		

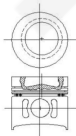
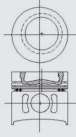
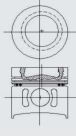
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M30120	4D57 D4BB DIESEL ALFIN		4	91.1	76.20	46.2 -1.9 -3.2	2.0 2.0 3.0	29.000	74.00		
M30250	4G54 G54B	MD026921	4	91.1	77.50	35.5	2.0 2.0 4.0	22.000	76.00		
M30251	4G54C	MD080393 MD080394	4	91.1	77.00	35.5 -3.0	1.5 1.5 4.0	22.000	76.00		
M30460	6G72 L	MD194548 MD197814 MD301742 MD197807	6	91.1	66.00	32.0 -2.3 -7.1	1.2 1.5 3.0	22.000	66.00		
M30461	6G72 R	MD194548 MD301734 MD197808 MD197813	6	91.1	66.00	32.0 -2.3 -7.1	1.2 1.5 3.0	22.000	66.00		
M30680	6G72-NEW	MD367099	6	91.1	65.20	31.0 -2.7	1.2 1.5 3.0	22.000	64.00		
M30750	4D56T L CRDI NEW L200 16V alfin with oil gallery	1110A593 1110A595 1110A597 1110A599 1110A601	4	91.1	78.20	48.2 -4.0 -18.8	2.5HK 2.0HK 4.0	32.000	75.00		44*18.5
M30751	4D56T R CRDI NEW L200 16V alfin with oil gallery	1110A594 1110A596 1110A598 1110A600 1110A602	4	91.1	78.20	48.2 -4.0 -18.8	2.5HK 2.0HK 4.0	32.000	75.00		44*18.5
M30760	4D55T L 4D56T alfin and with oil gallery	MD377881 MD377887	4	91.1	78.70	48.7 -1.3 -0.2	2.5HK 2.0HK 4.0	29.000	74.00		
M30761	4D55T R 4D56T alfin and with oil gallery	MD377892 MD377886	4	91.1	78.70	48.7 -1.3 -0.2	2.5HK 2.0HK 4.0	29.000	74.00		

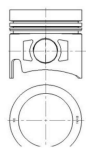
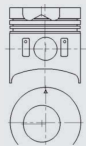
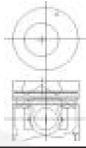
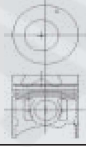
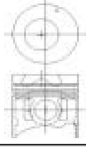
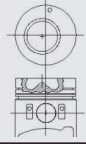
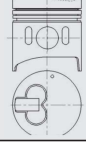
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M31240	4D56-NEW alfin and with oil gallery	1110C904/2 L 1110C902/1 R L:1110C592 1110C593 1110C594 R:1110C595 1110C596 1110C597	4	91.1	78.20	48.2 -4.9 -15.9	2.5HK 2.0HK 3.0	32.000	75.00		48*15.9
M31340	4D56		4	91.1	88.70	48.6 -0.3 -1.8	2.5HK 2.0HK 4.0	29.000	75.00		
M31420	4D56T alfin and with oil gallery BLACK HEAD	L:MD377962 MD377963 MR984128	4	91.1	78.70	48.6 -1.7	2.5HK 2.0HK 4.0	32.000	75.00		
M31421	4D56T alfin and with oil gallery BLACK HEAD	R:MD377965 MD377966 MR984128	4	91.1	78.70	48.6 -1.7	2.5HK 2.0HK 4.0	32.000	75.00		
M31440	6G72B-R	MD119671	6	91.1							
M31441	6G72B-L	MD052563	6	91.1							
M31550	6G72H	MD307944 MD194548	6	91.1	65.90	31.90	1.2 1.5 3.0	22.000			
M31560	6G72-NEW	MD197814 L MD197808 R	6	91.1	66.10	32.1 -3	1.2 1.5 3.0	22.000			
M31570	4G54C	MD026921 MD071172	4	91.1	77.3	35.3 -3	1.5 1.5 4.0	22			
M31590	4D55T	MD050011		91.1	88.5		2.5HK 2.0HK 4	29	75		
M31600	STRADA			91.1				29	75		
M31610	4D56T			91.1				32	75		
M31620	4D56T			91.1				32	75		
M30150	4DR5 J24 6DR5 DIESEL ALFIN	31617-00106	4	92	99.50	52.5 -3.0	2.5HK 2.0 2.0 4.5	28.000	77.00		
M30770	4DR5-NEW 4DR51	31617-00104 MD002044 ME002044	4	92	99.70	52.7 -2.4	2.5HK 2.0 2.0 4.5	28.000	77.00		
M32090	4D56	103391		92	88.9		T2.01 T 4	29	75		
M32100	4D56	103308		92	88.3		2.6 2 4	29	75		

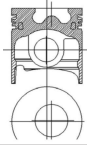
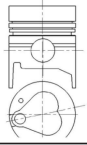
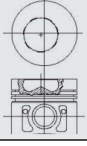
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M32110	4D56	103318		92	88.3		2.6 2 4	29	75		
M30470	6G74	MD371374 MD334469	6	93	65.30	31.3 -6.0 -2.5	1.5 1.5 3.0	22.000	64.00		
M30530	S4E1 DIESEL ALFIN	34417-04100	4	94	90.10	51.5 -3.5	2.5HK 2.0 4.5	28.000	77.00		
M30540	S4S S6S DIESEL ALFIN	32A17-00100	4 6	94	89.80	55.0 -4.5	2.5HK 2.0 4.5	30.000	76.00		
M30541	S4S DIESEL ALFIN		4	94	90.00	55.0 -4.5	2.5HK 2.0 4.0	30.000	76.00		
M30820	D5C S6SD		4	94	90.50	55.5 -14.3 -18.0	2.5HK 2.0 4.5	30.000	77.00		55*18
M30821	S4S	32A17-05102	4	94	90.30	55.3 -14.5 -18.0	2.5HK 2.0 4.5	30.000	77.00		55*18
M31290	S6SD	32A17-05102	6	94	90.30	55.3 -14.5 -18.4	2.5HK 2.0 4.5	30.000	77.00		55*18.4
M31291	S6SD	32A17-03100	6	94	90.30	55.3 -5.2 -17.4	2.5HK 2.0 4.5	30.000	77.00		53*17.4
M31630	S4E STEEL IN	34417-04100		94	90		2.5HK 2 4.5	28	77		
M31640	S4S STEEL IN	32A17-00100		94	90		2.5HK 2 4.5	30	76.5		
M31650	S4S ALFIN STEEL IN			94	90		2.5HK 2 4.5	30	76.5		

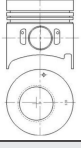
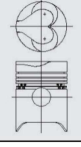
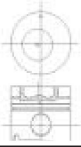
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M32070	NM130			94	90		2.5 2.5 2.5 4	28	72.6		
M32120	S4S-17100			94	90		T2.06 2 4.5	30	76		
M30160	4DR7 DIESEL ALFIN	ME021861	4	95	94.60	52.6 -2.2	2.3DK 2.0 4.0	30.000	78.00		
M30330	4M40 DIESEL ALFIN	ME200680 ME200681 ME200682 ME201780 ME201781 ME201782	4	95	91.70	51.7 -1.3	2.3DK 2.0 4.0	30.000	78.00		
M30340	4M40-LATE DIESEL alfin and with oil gallery	ME200689	4	95	91.60	51.6 -1.2 -3.0	2.3DK 2.0 4.0	30.000	78.00		
M30341	4M40T DIESEL alfin and with oil gallery	ME203223 ME203224 ME203225	4	95	91.60	51.6 -1.0	2.3DK 2.0 3.0	30.000	78.00		
M31660	4D30 ALFIN OIL GALLERY			95	79.8		2.0HK 2 3	34	78		
M31660	4M40T ALFIN STEEL IN	ME203318		95	91.7		2.5K 2 3	30	78		
M31670	4M40-T ALFIN OIL GALLERY STEEL IN			95	91.7		2.5K 2 3	30	78		
M32060	ND130			95	90		2.5 2.5 2.5 4	28	72.6		
M32360	4M40	201780		95	91.5		K1.5 2 4	30	78		
M31690	4M42-T ALFIN OIL GALLERY			95.5	86.7		2.5K 2 3	32	80		
M30660	S4E2 S6E2 DIESEL ALFIN	34417-54100	4 6	98	98.50	51.5 -3.2	3.0HK 2.0 5.0	28.000	77.00		
M30730	S4F	36717-41100	4	98	96.50	57.6	3.0HK 2.0 5.0	32.000	78.00		

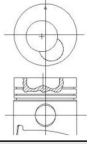
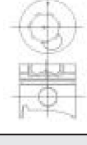
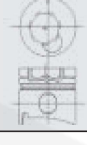
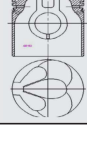
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M30940	6DS7	ME023274 ME024402	6	98	105.20	61	3.0HK 2.0 5.0	32.000	82.00		
M31330	S4E2	34417-54100	4	98	90.00	51.5 -3.5	3.0HK 2.0 5.0	28.000	77.00		
M31700	6DS7	ME023274		98	105		2 3 5	32	82.5		
M31390	4M41T alfin and with oil gallery	ME191470 ME191471	4	98.5	87.00	47.0 -8.3 -20.5	2.3DK 1.5 3.0	32.000	80.00		47.5*20.5
M31680	4M41 ALFIN OIL GALLERY			98.5	86.9		2.4K 1.5 3	32	80		
M31710	4M41 ALFIN OIL GALLERY			98.8	87		2.5K 1.5 3	32	80		
M30010	4D30 4D31A DIESEL ALFIN	ME012001 ME012051 ME012090 ME012100 ME012115 ME012166	4	100	110.30	60.5 -2.8	3.0HK 2.0 5.0	34.000	84.00		
M30020	4D31 6D31 DIESEL ALFIN	ME012131 ME012145 ME012160	4/6	100	110.70	60.7 -9.7 -18.0	3.0HK 2.0 5.0	34.000	84.00		52.5*18
M30030	4D31T DIESEL ALFIN	ME012906	4	100	110.70	60.7 -18.0	3.0HK 2.0 5.0	34.000	84.00		52.5*19
M30031	4D31T-LATE 6D31T DIESEL ALFIN	ME012858	4/6	100	110.70	60.7 -11.0 -17.4	3.0HK 2.0 4.0	34.000	84.00		54.5*17
M31670	4D31 ALFIN STEEL IN	ME012160		100	110.8		3.0HK 2 5	34	84		
M31680	4D31 ALFIN STEEL IN	ME012906		100	100.7		3.0HK 2 5	34	84		
M31690	4D31 STEEL IN	ME012131		100	110.7		3.0HK 2 5	34	84		
M31700	4D30 ALFIN	ME012001		100	110.5		3.0HK 2 5	34	84		

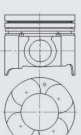
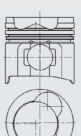
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M31710	4D30	ME012090		100	110.6		3.0HK 2 5	34	84		
M31660	4D30 ALFIN STEEL IN	ME012115		100	110.5		3.0HK 2 5	34	84		
M31670	4D31 ALFIN STEEL IN	ME012145		100	110.7		3.0HK 2 5	34	84		
M31680	6D31 ALFIN	ME012858		100	110.7		3.0HK 2 4	34	84		
M31690	4D31 STEEL IN			100	110.7		3.0HK 2 5	34	84		
M31700	4D31 ALFIN	ME012145		100	110.7		3.0HK 2 5	34	84		
M32080	NM180			100	100		T2.16 2.5 2.5 4	32	78.3		
M32130	4D30A	ME012100		100	110.6		T2.51 2 5	34	84		
M32140	4D31T	ME012858		100	110.8		T2.54 2 5	34	84		
M32150	4D31	ME012131		100	110.8		T2.53 2 4	34	84		
M32160	4D31	ME012901		100	110.8		T2.53 2 4	34	84		
M30620	S6K S6KT S6D102 DIESEL ALFIN	34317-10201 34317-21100	6	102	97.80	57.8 -14.3 -18.9	3.1HK 2.0HK 4.0	34.000	84.00		60*19
M30621	S6K-2		6	102	98.00	57.8 -10.6 -20.2	3.1HK 2.0HK 4.0	34.000	84.00		57.5*20.2
M30622	S6K-3		6	102	97.80	57.8 -14.5 -19	3.1HK 2.0HK 4.0				60*19
M30920	S6KT DIESEL ALFIN	34317-08100	4	102	97.80	57.8 -14.2 -19.0	3.1HK 2.0HK 4.0	34.000	84.00		60.4*19

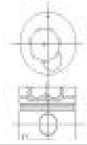
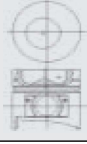
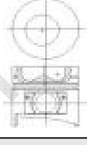
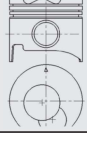
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M31010	S6KT-320D alfin and with oil gallery	F40100	6	102	98.00	58.8 -13.0	2.5HK 2.0HK 4.0	34.000	84.00		77.*13
M30040	4D32 DIESEL ALFIN	ME012174	4	104	110.70	60.7 -9.8 -18.9	3.0HK 2.0 4.0	34.000	84.00		54*18.9
M30060	4D34 DIESEL ALFIN	ME012900 ME012901 ME012928	4	104	112.20	62.2 -11.5 -20.5	3.0DK 2.0 4.0	34.000	84.00		54.3*20.5
M30061	4D34 DIESEL ALFIN	ME012501	4	104	112.20	62.0 -11.5 -20.5	3.0DK 2.0 4.0	34.000	84.00		54.6*20.5
M30070	4D34T 6D34T DIESEL ALFIN	ME013325 ME014160	4/6	104	112.20	62.2 -20.3	2.8DK 2.0 4.0	36.000	88.00		54*21
M30450	6D34T DIESEL alfin and with oil gallery	ME082584	6	104	112.00	62.0 -20.0 -5.5	2.8DK 2.0 4.0	36.000	88.00		53.5*20
M30451	6D34-2AT 6D34-3AT DIESEL alfin and with oil gallery	ME220454	6	104	112.00	62.2 -6.1 -19.9	2.8DK 2.0 4.0	36.000	88.00		52*20
M30640	4D32-LATE DIESEL ALFIN	ME018277	4	104	112.30	62.3 -20.7	2.8DK 2.0 4.0	34.000	84.00		52*20.4
M30830	4D32 NEW	ME018274	4	104	110.70	60.7 -5.6 -18.9	2.8DK 2.0 4.0	34.000	84.00		52*19
M31060	4D36	ME018283	4	104	110.60	60.5 -2.5 -4.6	2.8DK 2.0 4.0	34.000	84.00		

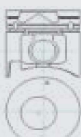
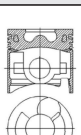
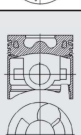
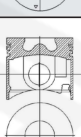
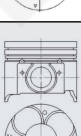
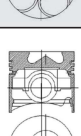
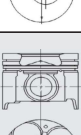
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M31200	4D34T alfin and with oil gallery	ME011143 ME202291 ME202292 ME220470 ME220471 ME220472	4	104	112.20	62.2 -11.5 -2.9	2.8DK 2.0 4.0	36.000	88.00		49*22.9
M31710	4D34 ALFIN STEEL IN			104	112.2		2.8K 2 4	34	84		
M31720	4D34			104	112.1		2.5K 2 4	34	84		
M31740	K1(4D32)			104	110.9		3.0HK 2 4	34	84		
M31750	4D32 (D4AF) ALFIN STEEL IN	ME012174 23411-41200 23410-41210		104	110.9		3.0HK 2 4	34	84		
M31760	4D32 (D4AF) STEEL IN	ME012174 23411-41200 23410-41210		104	110.9		3.0HK 2 4	34	84		
M31770	4D34 ALFIN STEEL IN	ME012928 ME017618 ME012901		104	112.2		2.8K 2 4	34	84		
M31780	4D34T ALFIN OIL GALLERY STEEL IN			104	112.1		3.0HK 2 4	36	88		
M31790	K1(4D32) ALFIN STEEL IN			104	110.9		3.0HK 2 4	34	84		
M32170	4D32	ME018274		104	110.8		T2.53 2 4	34	84		
M32180	4D32	ME012174		104	110.8		T2.53 2 4	34	84		
M32190	4D32	ME018277		104	112.4		K2.0 2 4	34	84		
M32210	4D34	ME012928		104	110.8		T2.53 2 4	34	84		
M32220	4D34T	ME013325		104	112		K1.95 2 4	36	86		
M30650	6D10 DIESEL	ME032194 ME032300	6	105	130.70	71.0 -8.0 -10.0	3.0HK 2.0 5.0	38.000	90.00		
M30050	4D33 DIESEL ALFIN	ME012897 ME013312	4	108	112.20	62.2 -14.0 -21.0	3.0 2.0 4.0	34.000	84.00		56*20.5

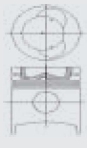
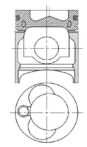
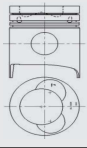
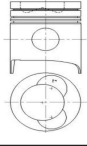
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M30590	4D33B DIESEL ALFIN	ME013487 ME014287	4	108	112.30	62.2 -5.8 -20.8	3.0 2.0 4.0	34.000	84.00		54.5*20.5
M30591	4D33T DIESEL ALFIN	ME016895	4	108	112.20	62.2 -6.0 -20.8	3.0 2.0 4.0	34.000	84.00		54.5*20.5
M31020	4D33	ME018280	4	108	112.20	62.2 -20.5	3.0 2.0 4.0	34.000	84.00		54.5*20.5
M32200	4D33	ME012312		108	112		3 2 4	34	84		
M32250	S6K-8100			108	98		T T 3	34	84		
M30071	4D34T 6D34T DIESEL ALFIN	ME014693 ME018825	4	110	109.50	59.8 -5.5 -21.3	3.0 2.5 4.0	36.000	88.00		56.5*21.5
M30080	4D35 4D35T DIESEL alfin and with oil gallery	ME014693 ME018825	4	110	109.50	59.8 -5.5 -21.3	3.0 2.5 4.0	36.000	88.00		56.5*21.5
M30350	6DB-NEW 6DB1 DIESEL ALFIN	30017-82101 30017-90100 30017-93101	6	110	152.50	77.5 -2.7	3.5 2.5 2.5 5.	40.000	95.00		
M30351	6DB1		6	110	152.30	77.5 -7.5 -11.7	3.5 2.5 2.5 5.0	40.000	95.00		
M30352	6DB1	30017-70102	6	110	152.00	77.5 -4.0 -13.0	3.5 2.5 2.5 5.0	40.000	95.00		
M30360	6D14 DIESEL ALFIN	ME032216 ME032298 ME032531 ME032619 ME032621	6	110	116.10	70.9 -11.3 -20.7	3.0HK 2.5 5.0	38.000	90.00		57*21

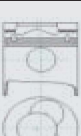
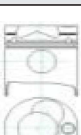
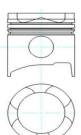
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M30361	6D14 DIESEL ALFIN 东风 6110	MD032526	6	110	115.90	70.9 -21.0 -11.8	3.0HK 2.5 5.0	38.000	90.00		
M30362	6D14-1A DIESEL ALFIN	ME032654 ME032656 ME033916 ME032165 ME072040 ME032626	6	110	116.1 115.8	70.8 -11.9 -21.0	3.0HK 2.5 5.0	38.000	90.00		56*21
M30363	6D14-2A 6D14-3A DIESEL ALFIN	ME072170 ME072172 ME072064	6	110	116.10	71.1 -12.1 -20.6	3.0 2.5 4.0	38.000	90.00		56*20.6
M30364	6D14T DIESEL ALFIN	ME032742 ME032744	6	110	116.10	71.2 -20.3	3.0HK 2.5 5.0	38.000	90.00		61*20.5
M30365	6D14T DIESEL ALFIN	ME032569	6	110	116.10	71.1 -10.0 -20.0	3.0HK 2.5 5.0	38.000	90.00		61.8*20
M30367	6D14T NEW/3AT 6D14-3AT DIESEL ALFIN	ME072047 ME072042	6	110	116.10	71.1 -12.3 -21.5	2.8DK 2.5 4.0	38.000	90.00		58.5*21.5
M30790	6DB OLD	30017-70100	6	110	139.50	77.5 -2.7	3.5 2.5 2.5 5.0	40.000	95.00		
M31430	4D35	ME014593	4	110							
M31800	4D35 ALFIN OIL GALLERY STEEL IN			110	109.7		3 2 4	36	88		
M31810	4D35 ALFIN STEEL IN	ME014693		110	109.7		3 2 4	36	88		
M31820	4D35 STEEL IN	ME014693		110	109.7		3 2 4	36	88		
M31830	6D14T ALFIN	ME032742		110	116		3.0HK 2.5 5	38	90		
M31840	6D14T-3AT ALFIN	ME072047		110	116		2.8K 2.5 4	38	90		
M31850	6D14-2AT ALFIN	ME072170		110	116		3 2.5 4	38	90		

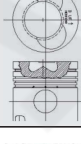
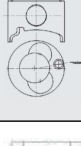
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M31860	6D14 ALFIN	ME033908		110	116		3.0HK 2.5 5	38	90		
M32230	4D35	ME014693		110	109.8		3 2 4	36	88		
M31870	4HF1 ALFIN STEEL IN	8-97176654-0		112	94.5		3 2.5 4	36	79		
M31880	4HF1 ALFIN STEEL IN	8-97176655-0		112	94.5		3 2.5 4	36	79		
M30370	6D15 DIESEL ALFIN	ME032480 ME032593 ME032634 ME033936 ME072480	6	113	115.80	70.8 -21.3	3.0HK 2.5 5.0	38.000	90.00		57*22
M30380	6D15 DIESEL ALFIN	ME033934 ME072033 ME072035	6	113	116.20	71.2 -11.7 -21.0	3.0HK 2.5 5.0	38.000	90.00		57*21
M30381	6D15T DIESEL ALFIN	ME032871 ME032870	6	113	116.20	71.0 -23.0	3.0HK 2.5 5.0	38.000	90.00		59*23
M30382	6D15T-LATE 6D15-3AT DIESEL ALFIN	ME072055	6	113	116.10	71.1 -12.3 -21.4	2.8DK 2.5 4.0	38.000	92.00		59*21.7
M30383	6D15-3AT	ME072321	6	113	116.20	71.2 -21.0 -13.3	2.8DK 2.5 4.0	38.000	92.00	葫芦口燃烧室	56*21
M30384	6D15-3AT		6	113	116.20	71.2 -21.0 -13.3	2.8DK 2.5 4.0	38.000	92.00	葫芦口燃烧室	57*21
M31730	6D15			113	115.7		3.0HK 2.5 5	38	90		
M31900	6D15 ALFIN			113	115.7		3.0HK 2.5 5	38	90		
M31030	4M50 alfin and with oil gallery		4	114	99.10	59.1 -7.5 -19.5	3.0DK 2.0 4.0	36.000	87.00		61*19.5
M32240	6DB10	30017-97100		115	152.4		T1.5 2.5 2.5 5	40	95		
M31260	S6M3 alfin and with oil gallery	33A17-20100	6	117	113.30	68.2 -10.5 -20.7	3.5DK 3.0HK T10 4.5	44.000	99.50		74.8*20.7

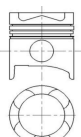
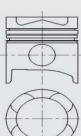
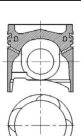
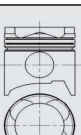
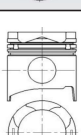
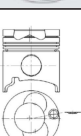
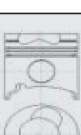
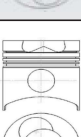
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M30390	6D16-OLD DIESEL ALFIN	ME072000 MD041102	6	118	116.10	71.1 -22.0	3.0 2.5 4.0	38.000	92.00		59*22
M30391	6D16-NEW DIESEL ALFIN	ME072062	6	118	116.10	71.1 -21.8	3.0 2.5 4.0	38.000	92.00		59*21.8
M30392	6D16T DIESEL ALFIN	ME072065	6	118	116.10	71.1 -22.7	2.8DK 2.5 4.0	38.000	92.00		59*21.8
M30393	6D16-NEW DIESEL ALFIN		6	118	116.1 115.8	71.2 -11.8 -22	3.0 2.5 4.0	38.000	92.00		59*22
M30400	6D16T DIESEL alfin and with oil gallery	ME300199	6	118	116.00	71.0 -23.0 -6.5	2.8DK 2.5 4.0	42.000	92.00		57*23
M30410	6D17 DIESEL ALFIN	ME072546 ME072576	6	118	111.10	66.1 -5.6 -23.1	3.0 2.5 4.0	38.000	92.00		56*23
M30610	6D16T HYUNDAI DIESEL ALFIN		6	118	116.10	71.0 -22.5 -12.0	2.8DK 2.5 4.0	38.000	92.00		59*22.5
M30611	6D16T	ME072065	6	118	116.10	71.0 -12.3 -23.0	2.5DK 2.5 4.0	38.000	92.00		62.5*23
M30612	6D16T	ME072065	6	118	116.10	71.0 -22.5 -12.0	2.8DK 2.5 4.0	38.000	93.00		62.5*22.5
M30613	6D16	ME072000	6	118	116.00	71.0 -12.0 -22.0	3.0 2.5 4.0	38.000	93.00		59*22
M30614	6D16T	ME072065	6	118	116.10	71.1 -12.0 -22.0	2.8DK 2.5 4.0	38.000	92.00		62*22

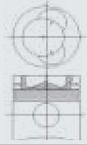
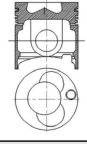
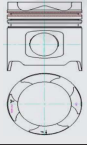
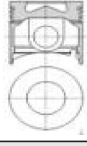
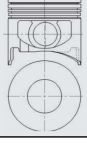
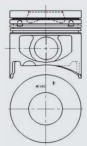
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M30900	6D16T-3AT DIESEL alfin and with oil gallery	ME072570	6	118	116.10	71.1 -22.4	2.8DK 2.5 4.0	38.000	92.00		57*22
M30910	6D17 DIESEL alfin and with oil gallery	ME072548	6	118	111.10	66.1 -6.0 -23.4	3.0 2.5 4.0	38.000	92.00		53*23.4
M30911	6M61	ME133179	6	118	111.10	66.1 -24.0	3.0 2.0 4.0	38.000	93.00		53*24
M30960	6M60T alfin and with oil gallery	ME133273	6	118	116.00	71.1 -11.2 -23.4	2.8DK 2.5 4.0	38.000	92.00		53*23.5
M30970	6M60T alfin and with oil gallery	ME133275	6	118	116.00	71.1 -11.2 -23.4	2.8DK 2.5 4.0	42.000	92.00		53*23.5
M30990	6M61 alfin and with oil gallery	ME131937	6	118	111.20	66.1 -11.2 -23.8	3.0 2.0 4.0	38.000	92.00		53*24
M31050	4M51	ME240047	4	118	99.10	59.1 -14.5 -23.3	3.0 2.0 3.0	34.000	84.00		53*23.3
M31230	6D17	ME072394	6	118	111.00	66.0 -7.3 -21.8	3.0 2.5 4.0	38.000	92.00		59.2*21.8
M31250	4M51T alfin and with oil gallery	ME241686 ME241688	4	118	99.10	59.1 -12.5 -22.0	3.0 2.0 4.0	34.000	84.00		59*22
M31910	4M51 ALFIN STEEL IN	ME241682		118	99.2		3 2 4	34	84		
M31920	4M51T ALFIN OIL GALLERY STEEL IN	ME241688		118	99		3 2 4	34	84		

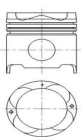
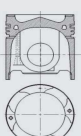
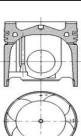
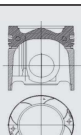
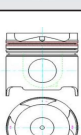
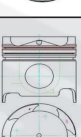
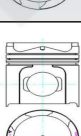
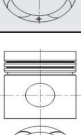
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M31930	6D16T ALFIN OIL GALLERY STEEL IN	ME300199		118	116		2.8K 2.5 4	42	93		
M31940	6D16T ALFIN STEEL IN	ME300199		118	116		2.8K 2.5 4	42	93		
M31950	6D16 ALFIN STEEL IN			118	116		3 2.5 4	38	93		
M31960	D6BR ALFIN	ME072000		118	116.1		3 2.5 4	38	93		
M32260	6D16	ME72062		118	116		3 2.5 4	38	93		
M32270	6D16	ME72000		118	116		3 2.5 4	38	93		
M32280	6D16	ME72570		118	116.5		PCN 2.5 4	38	93		
M32290	6D16	ME07265		118	116		3 2.5 4	38	93		
M32300	6D16	23411 -93002		118	116		3 2.5 4	38	93		
M30420	6D22 DIESEL ALFIN	ME052447 ME052902	6	130	158.00	82.9 -26.1	3.3DK 3.0 6.0	50.000	105.00		68*26
M30421	6D22T DIESEL ALFIN	ME052665 ME052540 ME052115 ME052811 ME052730	6	130	158.20	83.0 -1.2 -12.2	3.3DK 3.0 6.0	50.000	105.00		82.4*21.4
M30430	6D22-3AT DIESEL alfin and with oil gallery	ME052792	6	130	158.20	83.2 -1.4 -23.8	3.3DK 3.0 4.0	50.000	105.00		80*23.9
M30431	6D22-3V alfin and with oil gallery	ME150132	6	130	158.20	83.0 -13.0 -23.5	3.3DK 3.0 4.0	50.000	105.00		80*23.5
M30432	6D22-3AT DIESEL alfin and with oil gallery	ME052792	6	130	158.10	83.0 -23.7	3.3DK 3.0 4.0	50.000	105.00		80*23.7
M30433	6D22		6	130	158.10	83.0 -24.0	3.3DK 3.0 4.0	50.000	105.00		80*24

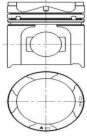
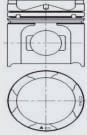
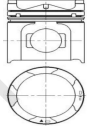
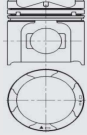
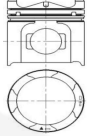
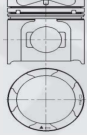
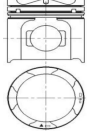
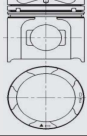
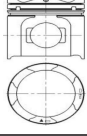
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M30440	6D24-NEW DIESEL alfin and with oil gallery	ME153081	6	130	121.00	78.0 -26.8 -13.5 -1.4 -0.5	3.3DK 2.5 4.0	50.000	105.00		66*27
M30570	8DC2M DIESEL ALFIN	31217-77101	8	130	145.00	80.3 -2.6 -11.5	4.0HK 3.0 6.0	45.000	108.00		
M30890	6D24 DIESEL alfin and with oil gallery	ME158096	6	130	153.00	78	3.3DK 3.0 4.0	50.000	105.00		69*26
M30891	6D24 DIESEL alfin and with oil gallery	ME151416	6	130	152.60	78	3.3DK 3.0 4.0	50.000	105.00		69.3*26
M30892	6D24 DIESEL alfin and with oil gallery	ME152652	6	130	152.80	78	3.3DK 3.0 4.0	50.000	105.00		66*27
M31970	6D22-NEW ALFIN	ME052447		130	158		3.3K 3 4	50	105		
M31980	6D22-3AT ALFIN OIL GALLERY	ME052792		130	158.5		3.3K 3 4	50	105		
M31990	6D22-3AT ALFIN	ME052588		130	158.5		3.0K 3 4	50	105		
M32310	6D22	ME052447		130	130		双梯 1.91 3 6	50	105		
M32320	6D22	ME052939		130	158		双梯 1.96 3 4	50	105		
M32330	6D22	ME052792		130	158		PCN 3 4	50	105		
M31150	S6B2F alfin and with oil gallery	36217-35200	6	133	144.80	79.7 -10.0 -21.8	4.0DK 3.2HK 4.0	55.000	112.00		95*21.8
M30480	8DC82 DIESEL ALFIN	ME062589 ME090717	8	135	143.00	78.3 -1.4 -24.0	3.3DK 3.0 6.0	45.000	108.00		71*24.3

CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M30481	8DC81 DIESEL ALFIN	ME062422 ME090132 ME090134	8	135	143.00	78.0 -23.4	3.3DK 3.0 6.0	45.000	108.00		72*23.5
M30490	8DC9 DIESEL ALFIN	ME062408	8	135	153.00	88.0 -11.0 -26.0	3.3DK 3.0 3.0 6.0	50.000	112.00		75*24.5
M30491	8DC91 DIESEL ALFIN	ME062336	8	135	153.00	88.0 -24.4	3.3DK 3.0 3.0 6.0	50.000	112.00		75*26
M30492	8DC92 8DC91T DIESEL ALFIN	ME091048	8	135	153.20	88.2 -24.3	3.3DK 3.0 3.0 4.0	50.000	112.00		73*24.5
M30800	8DC93T2-3V	ME093425 ME093526	8	135	153.00	88.0 -16.5 -28.5	3.4DK 3.5 3.5 4.0	50.000	112.00		60*28.5
M30801	8DC92 8DC91T DIESEL ALFIN	ME090163 ME091048	8	135	153.20	88.1 -13.0 -24.0	3.3DK 3.0 3.0 4.0	50.000	112.00		73*24
M30850	8DC9-3A	ME093424	8	135	153.10	88.1 -16.6 -28.0	3.3DK 3.0 3.0 4.0	50.000	112.00		61*28
M30851	8DC91-3AT	ME092922	8	135	152.80	88.3 -13.5 -25.5	3.3DK 3.0 3.0 4.0	50.000	112.00		79*25.5
M30870	6D40 double alfin and with oil gallery	ME120533	6	135	157.50	82.6	3.3DK 3.0 4.0	55.000	109.00		89.7*20.5
M31040	6M70(DAOG)	ME355100	6	135	151.80	77.0 -6.0 -19.0	3.5DK 2.5 4.0	55.000	109.00		90.4*19

CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M31160	S6B	36217-30700	6	135	152.70	87.8 -18.5	4.0HK 3.0 6.0	50.000	112.00		97*18.5
M31170	S6B2	36217-70700	6	135	152.80	87.9 -18.8	4.0HK 3.0 6.0	55.000	112.00		95*18.8
M31270	S6B5 alfin and with oil gallery	36217-0000	6	135	145.00	79.9 -10.5 -20.0	3.5DK 3.0HK 4.0	55.000	112.00		107*20
M31271	S6B5 alfin and with oil gallery	36217-37200	6	135	144.90	79.9 -10.7 -22.6	3.5DK 3.0HK 4.0	55.000	112.00		95*22.6
M31310	S6B3 alfin and with oil gallery	34A17-00201	6	135	144.90	80.0 -10.5 -22.5	4.0DK 3.0HK 4.0	55.000	112.00		95*22.5
M32350	RF8	ME12011 -97107		135	137		3 3 5	46	116		
M32340	RF8	ME12010- 97107		137.3	137.3		4 3 6 虚刀	46	116		
M30840 M30841	8DC10	ME091049	8	138	153.10	88.1 -12.9 -24.8	3.3DK 3.0 3.0 4.0	50.000	112.00		74*24.5
M30843	8DC10-3V		8	138	153.10	88.1 -12.9 -24.8 -2.7	3.3DK 3.0 3.0 4.0	50.000	112.00		74*24.5
M30842	8DC10	ME090230	8	138	153.10	88.1 -13.0 -24.8	3.3DK 3.0 3.0 4.0	50.000	112.00		74.3*24.8
M30930	8DC10 ALFIN	ME090146	8	138	153.00	88.0 -24.7	3.3DK 3.0 3.0 6.0	50.000	112.00		74.3*25

CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M30500	8DC11 DIESEL ALFIN	ME091050	8	142	153.10	88.1 -1.5 -13.0 25.2	3.3DK 3.0 3.0 4.0	50.000	112.00		76*25
M30501	8DC11-3V DIESEL ALFIN	ME090165	8	142	153.10	88.1 -13.2 25.4	3.3DK 3.0 3.0 4.0	50.000	112.00		75.8*25.4
M30860	8DC11 DIESEL ALFIN	ME091053	8	142	153.00	88.0 -13.0 -25.5	3.3DK 3.0 3.0 5.0	50.000	112.00		75.6*25.5
M32000	8DC11 ALFIN	ME091052		142.2	153.1		3.3K 3 3 4	50	112		
M30550	S6A 120T2 DIESEL ALFIN	32517-60400	6	145	162.00	99.8 -4.0 -20.2	4.5HK 3.0HK 6.0	55.000	112.00		105*21
M30551	S6A BLACK HEAD DIESEL ALFIN	32517-60200	6	145	161.80	99.8 -4.0 -20.2	3.5DK 2.0DK 4.0	55.000	112.00		
M31350	S6A alfin and with oil gallery	32517-60400	6	145	161.70	99.7 -20.3 -4.0	4.5HK 3.0HK 6.0	55.000	112.00		105*20.3
M30880	8M20 DIESEL ALFIN	ME160286	8	146	147.70	82.7	3.3DK 3.0 3.0 4.0	50.000	112.00		77*25
M31120	8M21 alfin and with oil gallery	ME163897 ME163823	8	150	147.80	82.7 -26.0 -15.0	3.3DK 3.0 3.0 4.0	50.000	112.00		71.5*26
M31121	8M21 alfin and with oil gallery	ME161300	8	150	147.80	82.7 -26.0 -15.0	3.3DK 3.0 3.0 4.0	50.000	112.00		
M31122	8M21 alfin and with oil gallery	ME163823	8	150	147.80	82.7 -15.5 -26.5	3.3DK 3.0 3.0 4.0	50.000	112.00		71.5*26.5

CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M31130	S6A2 alfin and with oil gallery	32517-91100	6	150	161.70	99.8 -20.0	4.5HK 3.0HK 6.0	58.000	14.00		110*20
M31131	S6A2 alfin and with oil gallery	32517-91101	6	150	161.80	99.8 -19.5	4.5HK 3.0HK 6.0	58.000	124.00		110*19.5
M31132	S6A2 alfin and with oil gallery	32617-00500	6	150	161.80	99.8 -21.0	3.0HK 2.5HK 5.0	58.000	124.00		101.8*21
M31133	S6A2 alfin and with oil gallery	00990	6	150	161.80	99.8 -19.0	3.0HK 2.5HK 5.0	58.000	124.00		100.5*19
M31360	S6A2 alfin and with oil gallery	32517-30200	6	150	154.30	92.3 -20.0	3.0HK 2.5HK 5.0	58.000	124.00		114*20
M31370	S6A2 alfin and with oil gallery	32517-20101	6	150	154.30	92.3 -21.5	3.0HK 2.5HK 5.0	58.000	124.00		116*21.5
M31380	S6R2F alfin and with oil gallery	37517-35200	6	160	185.00	120.0 -26.0 -2.2 -4.2	4.0DK 4.0DK 5.0	70.000	130.00		128*26
M31400	S6N S12N	37117-26100	6 12	160	185.10	120.0 -10.0 -23.5	3.7DK 3.7DK 6.0	65.000	133.00		121.9*23.5
M31401	S6N S12N	37117-44100	6 12	160	185.10	120.0 -10.0 -23.5	3.7DK 3.7DK 6.0	65.000	133.00		122*23.5
M31402	S6N S12A2 alfin and with oil gallery	37117-73200	6 12	160	185.00	120.0 -9.5 -23.8	3.7DK 3.7DK 6.0	65.000	133.00		122*23.8

CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
M31303	S6R2-NEW alfin and with oil gallery		6	170	184.90	119.9 -13.0 -28.0 -1.5 -4.5	3.7DK 3.7DK 5.0	70.000	142.00		130*28
M31304	S6R alfin and with oil gallery	25100	6	170	185.20	120.1 -13.1 -28.2	3.7DK 3.7DK 5.0	70.000	142.00		130*28.2
M31305	S6R alfin and with oil gallery	05500	6	170	185.00	120.0 -11.7 -28.2	3.0HK 3.7DK 4.0	70.000	142.00		130*28.2
M31306	S6R alfin and with oil gallery	00900	6	170	184.90	120.0 -8.1 -22.5	3.7DK 3.7DK 5.0	70.000	142.00		126*22.5
M31307	S6R alfin and with oil gallery	30101	6	170	185.00	120.0 -7.5 -22.8	3.7DK 3.7DK 5.0	70.000	142.00		130*22.8
M31308	S6R alfin and with oil gallery	05300	6	170	185.00	120.0 -13.0 -28.0	3.7DK 3.7DK 5.0	70.000	142.00		130*28
M31300	S6R2 alfin and with oil gallery	38C17-07700 37517-25100	6	170	184.90	119.9 -13.0 -28.0 -1.2 -2.6	3.7DK 3.7DK 5.0	70.000	142.00		130*28
M31301	S6R3 alfin and with oil gallery BLACK HEAD	38C17-05500	6	170	184.90	119.9 -12.8 -27.7 -3.0 -5.7	3.0HK 3.7DK 4.0	70.000	142.00		130*27.7
M31302	S6R2 alfin and with oil gallery	37517-20100	6	170	184.90	119.9 -7.5 -23.0 -1.5 -2.8	3.7DK 3.7DK 5.0	70.000	142.00		130*23
M32010	6D34 ALFIN OIL GALLERY			104	112.2		2.9k 2 4	36	88		
M31890	4HF1 STEEL IN	8-97176655-0- PS 8-97095585-0- PS		112	94.5		3 2.5 4	36	79		