

Sourcing & Service

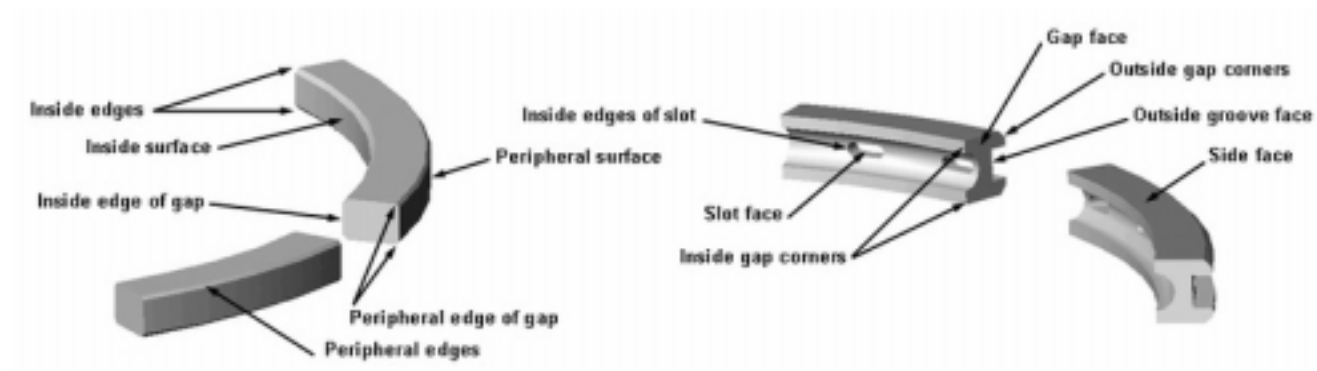
KOMATSU

Piston Ring Sets



■ Piston Ring Details, Identification and Location

Nomenclature of edges, inside and peripheral surfaces and side face



Cross-section configurations

► Rectangular ring



► Napier ring



► Barrel-faced



► Scraper ring



► Taper-faced



► Slotted oil control ring



► Keystone ring



► Coil spring loaded oil control ring



► Half keystone ring



► Expander / segment oil control ring



Piston Ring For KOMATSU



Piston Ring Set for KOMATSU



Engine Type	CC	Vehicle Model Chassis Type	Cyl. No.	Posi- tion	Dia	(DXBXT)	Material	Surface Treatment	Set Type	RIK No.	O/E Part No.
2D92	1300	• Bulldozer D20	2	1 2 0	92	92X2.868X4 92X 3 X 4 92X6X3.1	RN		FX	18620	6140-31-2020 1st=Keystone
4D92	2610	• Bulldozer	4	1 2 0	92	92X2.868X4 92X3 X 4 92 X 6X3.1	RN		FX	18630	6141-31-2020 6140-31-2040/cyl. 1st=Keystone
4D94	2940	• Bulldozer	4	1 2 0	94	94X2.9X3.8 94X2.5X4.1 94 X5X3.1	RN		FX	18410	6142-32-2020 6142-32-2030/cyl.
4D94E			4	1 2 0	94	94X2X3.6 94X2X4 94X3X2	RN		FM		6209-21-2400
4D95	3260	• Bulldozer	4	1 2 0	95	95X2X 4 95X2X 4 95 X4 X2.5			FM	18240	6204-31-2200/cyl.
SA1D95		• Bulldozer		1 2 0	95	95 X2 X4 95 X 2X 4 95 X 4 X 2.5			FM	18241	6204-31-2201/cyl. 6204-31-2202 (4cyl. 6cyl.)
S4D95	3260	• Bulldozer	4	1 2 0	95	95 X2.2X 4 95 X 2 X 4 95 X 4 X 2.5			FM	18280	6202-32-2200/cyl. 1st=Keystone
SA1D95		• Bulldozer		1 2 0	95	95 X2.5X 3.7 95 X2.2X 4 95 X 4 X 2.5	RN		FM	18390	6207-31- 2400/cyl. (4cyl. 6cyl.) 1st,2nd=Keystone
S6D95	4890	• Bulldozer	6	1 2 0	95	95 X2.5X 3.7 95 x 2 X 4 95 X 4 X 2.5	RN		FM	18550	6207-31-2200/cyl. 1st=Keystone
S6D95L		• Bulldozer	6	1 2 0	95	95X2.45X3.7 95X2.2X4 95X4X2.5	RN RN		FM	18562	6209-31-2400 1st,2nd=Key Stone
SA1D95			4 6	1 2 0	95	95X2.5X3.7 95X2.2X4 95X4X2.5	RN		FM	18391	6207-31-2500 1st=Keystone 2nd=Half Keystone
4D95	4890	• Bulldozer	4	1 2 0	95	95 X2.2X 4 95 X2.2X 4 95 X 4 X 2.5			FM	18571	6202-32-2300/cyt. 1st=Half Keyston
1D95L		• Bulldozer		1 2 0	95	95 X2.2X4 95 X 2 X 4 95 X 4 X 2.5			FM	18572	6202-32-2202/cyl. (4cyl. 6cyl.) 1st=Half Keyston
6CT			6	1 2 0	102	102X2.85X4.2 102X2.35X4.22 102X4X3.2	RN		FX	42815	6738-31-2030
4D105	4330	• Bulldozer	4	1 2 0	105	105 X 3 X 4.5 105 x 2.5 x 4.5 105 X 5 x 3.6			FX	18090	6130-32-2202 6130-32-2302/cyl. 6130-31-2202 6l 30-32-2301/cyl.
S4D105	4330	• Bulldozer	4	1 2 0	105	105 X 3 X4.25 105 X 2.5 X 4.5 105X 5 X 3.6	RN		FX	18040 (18050) (18030) (18650)	6131-31-2201 6131-31-2301/cyl. 6130-31-2201 6130-31- 2301/cyl. 6131-32-2201 6131-32-2301/cyl. 6131-32-2302/cyl. 1st=Keystone
4D105	4330	• Bulldozer	4	1 2 0	105	105 X 3 X 4.5 105 X 2.5 X 4.5 105 X 5 X 3.6			FX	18740	6130-31-2200 1st=Keystone
6D105	6490	• Bulldozer	6	1 2 0	105	105X3X4.2 105X 2.5X4.5 105 X5X 3.6	RN		FX	18530	6136-31-2010 6136-31-2030/cyl.
S6D105	6490	• Bulldozer	6	1 2 0	105	105 X 3 X 4.3 105 X2.5 X 4.5 105X 5X3.6	RN		FX	18260	6137-31-2202 6137-31-2032/cyl. 1st=Keystone
S6D105	6490	• Bulldozer	6	1 2 0	105	105 X 3 X 4.3 105 X 2.5 X 4.5 105X 5 X 3	RN		FM	18070	6137-31-2040/cyl. 1st=Keystone

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S6D105	6490	• Bulldozer	6	1 2 0	105	105 X 3 X 4.3 105 X 2.5 X 4.5 105 X 5 X 3.6	RN		FX	18190	6137-31-2030/cyl. 1st=Keystone
6D108		• Bulldozer	6	1 2 0	108	108X2.43X4.3 108X2.5X4.4 108X4X2.5	RN RN		FM	18990	6221-31-2200
SA6D110 6D110	7130	• Bulldozer	6	1 2 0	110	110 X 3 x 4.6 110 X2.5X4.6 110 X 5 X 3.6	RN		FX	18350	6138-31-2020 6138-31-2200/cyl. 1st=Keystone
S6D110	7130	• Bulldozer	6	1 2 0	110	110X 3 X4.4 110 X 2.5X 4.6 110X 5X 3	RN		FM	18180	6138-32-2200 1st=Keystone
6CT			6	1 2 0	114	114X3.35X4.6 114X2.88X4.6 114X4X3.2	RN RN		FX		
4D115	5810	• Bulldozer	4	1 2 3 0	115	115X 3 X4 115X 3 X4 115 X 3 X4 115X 5 X4			FO	18840	6100-30-2201
6D115	8720	• Bulldozer	6	1 2 3 0	115	115X 3 X4 115X 3 X4 115 X 3 X4 115X 5 X4	RN		FO	18830	6101-30-2202
4D120	7240	• Bulldozer	4	1 2 3 0 0	120	120 X 4 X 4.2 120X 4 X4.2 120 X 4 X 4.2 120 X 5.5 X 4.2 120 X 5.5 X 4.2			FO	18820	6110-30-2200 6110-30-2040/cyl.
S4D120 4D120	7240	• Bulldozer	4	1 2 0	120	120 X3.5 X 4.8 120 X 2.5 X 5 120X 5.5 X 3.9	RN		FX	18900 (18510) (18520)	6110-30-2303 6110-30-2403/cyl. 6110-30-2302 6110-30-2402/cyl. 6113-30-2301 6113-30-2401/cyl.
6D125	11040	• Bulldozer	6	1 2 0	125	125 X2.4X 5 125 X 2.4 X 5 125 X 3 X 3.3	RN RN RN		FX	18940	6150-31-2030/cyl.
1D125	11040	• Bulldozer		1 2 0	125	125 X 2.4 X 5 125 X2.4X 5 125 X 4 X 3.4	RN RN		FX	18210	6150-31-2032/cyl. {4cyl. 6cyl.} 1st=Keystone
1D125		• Bulldozer		1 2 0	125	125 X2.4X 5 125X2.4X 5 125 X 4 X 3.4	RN RN		FX	18211	6150-31-2033/cyl. (4cyl. 6cyl.) 1st,2nd=Key Stone
1D125		• Bulldozer		1 2 0	125	125 X2.4X 5 125X 2 X 5 125 X 3 X 3.3	RN RN RN		FX	18950	6150-31-2030/cyl. (4cyl. 6cyl.) 1st=Keystone
6D125	11040	• Bulldozer	6	1 2 0	125	125 X2.4X 5 125 X 2 X 5.1 125 X 3 X 3.3	RN RN RN		FX	18960	6151-31-2031/cyl. 1st=Keystone
S4D130 4D130	8490	• Bulldozer	4	1 2 0	130	130 X3.5X 5 130 X 2.5 X 5.4 130 X5.5X 4.3	RN		FX	18400	6114-30-2303 6114-30-2403/cyl.
NRT06	12170	• Bulldozer	6	1 2 3 0	130.18	130.18X3.78X4.8 130.18X3.61X4.8 130.18X3.61X4.8 130.18X6.056X3.	RN RN		FE	18310	6685-31-2020 6085-31-2030/cyl. 1st,2nd=Key Stone
NH220	12170	• Bulldozer	6	1 2 3 0	130.18	130.18X3.78X4.8 130.18X3.61X4.8 130.18X3.61X4.8 130.18X6.056X3.	RN RN RN RN		FO	18320	6620-31-2020 6620-31-2030/cyl. 1st,2nd=Key Stone
NT-855		• Bulldozer	6	1 2 3 0	139.7	139.7 X 139.7X2.878X5.1 139.7X2.878X5.1 139.7 X4.75 X	RN RN RN		FX	18720	6710-31-2023 6710-31-2033/cyl. 1st=Keystone
6D140	15200	• Bulldozer	6	1 2 0	140	140 X2.4X 5.4 140X2.4X5.4 140 X 4 X 2.5	RN RN		FM	18970	6211-31-2031 6211-31-2032/cyl. 1st=Keystone

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6M140	15200		6	1 2 0	140	140X2.4X5.4 140X2.4X 5.4 140X4X 3	RN RN		FM	18075	6212-31-2040 1st=Keystone
S4D155	12840	• Bulldozer	4	1 2 0	155	155 X3.68X6.06 155 X3.548X6.06 155X4.737X3.95	RN RN		FX	18200	6125-31-2030 1st=Keystone
4D155	12840	• Bulldozer	4	1 2 0	155	155 X4X6.4 155X3.5X6.2 155 X6 X 4.6	RN RN		FX	18160	6127-31-2020 1st=Keystone
4D155	12840	• Bulldozer	4	1 2 0 0	155	155X4X 6.4 155X3.5 X6.2 155 X 6 X4.6 155 X5X 6.2	RN RN		FX	18230	6125-31-2022 1st=Keystone
6D155	19260	• Bulldozer	6	1 2 0 0	155	155 X 4 X 6.4 155 X3.5X 6.2 155 X 6X 4.6 155 X5 X6.2	RN RN		FX	18270 (18790)	6128-31-2023 6128-31-2033/cyl. 6128-31-2022 6128-31-2032/cyl. 1st=Keystone
6D155	19260	• Bulldozer	6	1 2 0	155	155 X 4 X 6.4 155 X3.5X 6.2 155 X 6X 4.6	RN RN		FX	18780	6128-31-2020 6128-31-2030/cyl. 1st=Keystone
S6D155 SA6D155	19260	• Bulldozer	6	1 2 0	155	155X3.68X6.06 155X3.548X6.06 155X4.737X3.95	RN RN		FX	18370	6128-31-2060 6128-31-2070/cyl. 1st,2nd=Key Stone
6D170		• Bulldozer	6	1 2 0	170	170X3.7X6.7 170X3.55X6.6 170X4.75X4	RN RN RN		FX	64020	6162-33-2060 1st,2nd=Key Stone



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