

# Sourcing & Service

## KOMATSU

### Liner Kits & Spare Parts



- All manufacturers's numbers, names, symbols and description are used for reference purposes and it is not implied that any parts listed is the products of those manufacturers.
- Komatsu is a registered trademarks of Komatsu Ltd.

## Liner Kit For KOMATSU


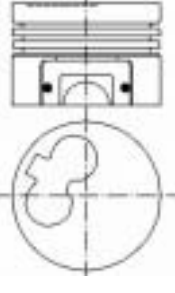
For better retrieve of necessary spare parts in engine rebuilding, We suggest our remarkable clients & engineers to apply the Liner Kit in gaining best fitting & tuning. The liner kit includes the following important & useful components:


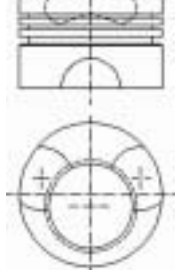
1. Piston Body
2. Piston Pin
3. Pin Bushing
4. Pin Retainer
5. Piston Ring
6. Cylinder Liner
7. Liner O-Ring & Seal (Wet Liner only).


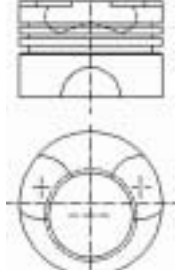


# Liner Kit For KOMATSU



<b>Engine</b> <b>4D94E</b> 4 cyl.,2940m <sup>3</sup> Crawler Dozer:D21A-8,D21P-8  <b>Remark</b> Piston : Al-fin. Liner : S/F.	<b>Bore</b> 94.0mm	<b>3A94F01</b> 	<b>3L94F01</b> <b>Cylinder Liner</b> TL 187.0mm OD 96.1mm	<b>3P94F01</b> 129901-22081 <b>Piston</b> TL 103.7mm CH 59.7mm <b>Piston Pin</b> OD 30.0mm TL 73.0mm	<b>3B94F01</b> 6201-31-3130 	<b>3R94F01</b> YM129901-22050 <b>Piston Ring</b> RN 2.0 HK 2.0 FM 3.0
--	-----------------------	---	--	---	---	--



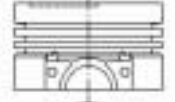



<b>Engine</b> <b>4D95L-1K,1L</b> 4 cyl.,3260m <sup>3</sup> Excavator:PC60-3,PC60-5,PC60U-5, PC75UU-1,PW60-3,PC60L-5,PC80-3  <b>Remark</b> Piston : Al-fin. Round Combustion Chamber 54mm Liner : Fully-Finished & Phosphated . Retainer#04065-03012 Gasket Cylinder Head:6204-11-1830	<b>Bore</b> 95.0mm	<b>3A95F04</b> KMKT0421210 	<b>3L95S01-FP</b> 6207-21-2110 6207-21-2120 6207-21-2121 <b>Cylinder Liner</b> TL 180.0mm OD 98.0mm FD 104.0mm FH 4.0mm	<b>3P95S01-A</b> 6204-31-2121 (Piston Body) <b>Piston</b> TL 94.1mm CH 51.3mm -18.8mm <b>Piston Pin</b> OD 30.0mm TL 74.0mm 6204-31-2410	<b>3B95S01</b> 6204-31-3130 	<b>3R95S01</b> 6204-31-2202 6204-31-2201/cyl. R18241 <b>Piston Ring</b> 2.0 2.0 FM 4.0
--	-----------------------	--	---	--	---	---


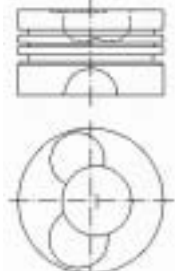




<b>Engine</b> <b>6D95L-1</b> 6 cyl.,4890m <sup>3</sup> Dozer:D31E-18,D31P-18,D31Q-18, D31S-18,D37E-2,D37E-P2 Excavator:PC100-3,PC100L-3,PC120-3, PW150-1 Loader:WA100-1,WA100-3,WA120-1  <b>Remark</b> Piston : Al-fin. Round Combustion Chamber 54mm Liner : Fully-Finished & Phosphated . Retainer#04065-03012 Gasket Cylinder Head:6206-11-1830	<b>Bore</b> 95.0mm	<b>3A95S01</b> KMKT0421210 	<b>3L95S01-FP</b> 6207-21-2110 6207-21-2120 6207-21-2121 <b>Cylinder Liner</b> TL 180.0mm OD 98.0mm FD 104.0mm FH 4.0mm	<b>3P95S01-A</b> 6204-31-2121 (Piston Body) <b>Piston</b> TL 94.1mm CH 51.3mm -18.8mm <b>Piston Pin</b> OD 30.0mm TL 74.0mm 6204-31-2410	<b>3B95S01</b> 6204-31-3130 	<b>3R95S01</b> 6204-31-2202 6204-31-2201/cyl. R18241 <b>Piston Ring</b> 2.0 2.0 FM 4.0
--	-----------------------	--	---	--	---	---


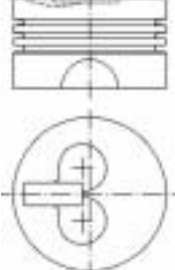




Suffix Code	<b>Piston</b> A=Alfin D=Head Anodizing M=MoS2 Coating N=Nitrided O=Oil Gallery T=Tin Plating TL=Total Length <b>CH</b> =Compression Height <b>Piston Pin</b> OD=Outer Diameter TL=Total Length <b>Liner</b> C=Chrome plating F=F/F IH=Induction Harden N=Nitrided P=Phosphated S=S/F U=Copper plating TL=Total Length OD=Outer Diameter FD=Flange Diameter FH=Flange Height
-------------	---

# Liner Kit For KOMATSU



<p><b>Engine</b> <b>4D95L-W-1</b></p> <p>Bore 95.0mm</p> <p>4 cyl.,3260m3 Dozer:D20P-7A,D20PL-7,D21A-7, D21AG-7,D21PG-7A,D21QG-7,D21S-7 Loader:WA40-1,WA70-1</p> <p><b>Remark</b> Piston : Al-fin. Liner : Fully-Finished &amp; Phosphated . Retainer#04065-03012 Gasket Cylinder Head:6204-11-1830</p>	<p><b>3A95F01</b> KMKT0411610</p> 	<p><b>3L95S01-FP</b> 6207-21-2110 6207-21-2120 6207-21-2121</p> <p><b>Cylinder Liner</b></p> <p>TL 180.0mm OD 98.0mm FD 104.0mm FH 4.0mm</p>	<p><b>3A95F01-A</b> 6204-32-2161 (Piston Body) 6202-32-2120</p> <p><b>Piston</b></p> <p>TL 94.1mm CH 51.1mm -19.5</p> <p><b>Piston Pin</b> OD 30.0mm TL 74.0mm 6204-31-2410</p> 	<p><b>3B95S01</b> 6204-31-3130</p> 	<p><b>3R95F01</b> 6202-32-2202/cyl. R18572</p> <p><b>Piston Ring</b></p> <p>2.2 H  2.0  FM 4.0 </p>
---	---	--	---	--	--


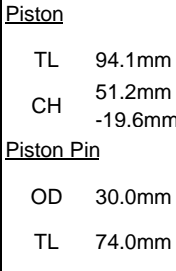
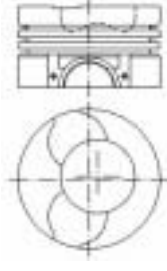
<p><b>Engine</b> <b>4D95S-1H,IJ</b></p> <p>Bore 95.0mm</p> <p>4 cyl.,3260m3 Dozer:D20P-7A,D20PG-7A,D20PL-7 D21A-7,D21AG-7,D21PG-7A,D21QG-7, D21S-7</p> <p><b>Remark</b> Piston : Al-fin. Round Combustion Chamber 51mm Liner : Fully-Finished &amp; Phosphated . Retainer#04065-03012 Gasket Cylinder Head:6205-11-1830</p>	<p><b>3A95F02</b> KMKT0211600</p> 	<p><b>3L95S01-FP</b> 6207-21-2110 6207-21-2120 6207-21-2121</p> <p><b>Cylinder Liner</b></p> <p>TL 180.0mm OD 98.0mm FD 104.0mm FH 4.0mm</p>	<p><b>3A95F02-A</b> 6202-33-2160 (Piston Body) 6204-32-2111</p> <p><b>Piston</b></p> <p>TL 104.3mm CH 61.3mm</p> <p><b>Piston Pin</b> OD 30.0mm TL 74.0mm 6204-31-2410</p> 	<p><b>3B95S01</b> 6204-31-3130</p> 	<p><b>3R95S01</b> 6204-31-2202 6204-31-2201/cyl. R18241</p> <p><b>Piston Ring</b></p> <p>2.0  2.0  FM 4.0 </p>
---	---	--	--	--	---


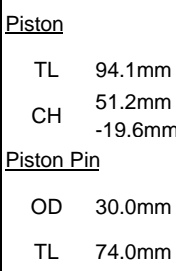
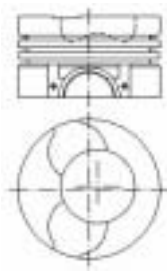
<p><b>Engine</b> <b>4D95S-W-1G-E</b></p> <p>Bore 95.0mm</p> <p>4 cyl.,3260m3 Dozer:D20P-6,D20P-6A,D20Q-6,D20S-6, D21P-6,D21P-6A,D20PL-6,D20PLL-6, D21PL-6,D21A-6,D21E-6,D21P-6B, D21S-6,D21S-6A</p> <p><b>Remark</b> Piston : Al-fin. Liner : Fully-Finished &amp; Phosphated . Retainer#04065-03012 Gasket Cylinder Head:6204-11-1830</p>	<p><b>3A95F03</b> KMKT 211400</p> 	<p><b>3L95S01-FP</b> 6207-21-2110 6207-21-2120 6207-21-2121</p> <p><b>Cylinder Liner</b></p> <p>TL 180.0mm OD 98.0mm FD 104.0mm FH 4.0mm</p>	<p><b>3A95F03-A</b> 6202-32-2140 (Piston Body) 6201-32-2121</p> <p><b>Piston</b></p> <p>TL 104.1mm CH 61.0mm -3.6</p> <p><b>Piston Pin</b> OD 30.0mm TL 74.0mm 6204-31-2410</p> 	<p><b>3B95S01</b> 6204-31-3130</p> 	<p><b>3R95F02</b> 6202-32-2300/cyl. R18571</p> <p><b>Piston Ring</b></p> <p>2.2 H  2.2  FM 4.0 </p>
--	---	--	---	--	--


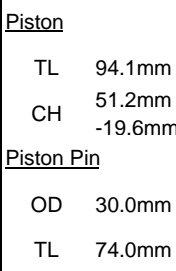
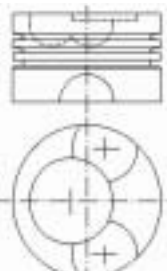
Suffix Code : **Piston** A=Alfin D=Head Anodizing M=MoS2 Coating N=Nitrided O=Oil Gallery T=Tin Plating TL=Total Length  
**CH**=Compression Height **Piston Pin** OD=Outer Diameter TL=Total Length **Liner** C=Chrome plating F=F/F IH=Induction Harden  
**N**=Nitrided **P**=Phosphated **S**=S/F **U**=Copper plating **TL**=Total Length **OD**=Outer Diameter **FD**=Flange Diameter **FH**=Flange Height

# Liner Kit For KOMATSU



<b>Engine</b> <b>S4D95L-1A,AB,AG</b> 4 cyl.,3260m³ Excavator:PC100-5,PC100-5C, PC120-5,PC120-5C,PC120-5M, PC120-5Z,PC130-5  <b>Remark</b> Piston : Al-fin.Round Combustion Chamber 56mm Liner : Fully-Finished & Phosphated . Retainer#04065-03012 Gasket Cylinder Head:6204-11-1830	<b>Bore</b> 95.0mm	<b>3A95F05</b> KMKT0711410	<b>3L95S01-FP</b> 6207-21-2110 6207-21-2120 6207-21-2121	<b>3P95S02-A</b> 6207-31-2141 (Piston Body)	<b>3B95S02</b> 6207-31-3130 6207-31-3530 6204-31-3130	<b>3R95S02</b> 6207-31-2500 6207-31-2501 SDK01-018ZZ
		 <b>Cylinder Liner</b> TL 180.0mm OD 98.0mm FD 104.0mm FH 4.0mm	 <b>Piston</b> TL 94.1mm CH 51.2mm -19.6mm  <b>Piston Pin</b> OD 30.0mm TL 74.0mm 6207-31-2420	 <b>Piston Ring</b> RN 2.5 K RN2.2 H FM 4.0		


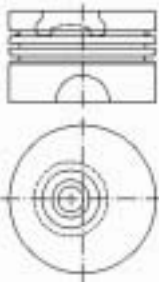
<b>Engine</b> <b>S6D95L-1</b> <b>S6D95-5</b> 6 cyl.,4890m³ Excavator PC150-5,PC150LC-5, PC200-5C,PC200-5,PC200LC-5, PC200-5T,PC200-5Z  <b>Remark</b> Piston : Al-fin.Round Combustion Chamber 56mm Liner : Fully-Finished & Phosphated . Retainer#04065-03012 Gasket Cylinder Head:6206-11-1830	<b>Bore</b> 95.0mm	<b>3A95S02</b> KMKT0711410	<b>3L95S01-FP</b> 6207-21-2110 6207-21-2120 6207-21-2121	<b>3P95S02-A</b> 6207-31-2141 (Piston Body)	<b>3B95S02</b> 6207-31-3130 6207-31-3530 6204-31-3130	<b>3R95S02</b> 6207-31-2500 SDK01-018ZZ
		 <b>Cylinder Liner</b> TL 180.0mm OD 98.0mm FD 104.0mm FH 4.0mm	 <b>Piston</b> TL 94.1mm CH 51.2mm -19.6mm  <b>Piston Pin</b> OD 30.0mm TL 74.0mm 6207-31-2420	 <b>Piston Ring</b> RN 2.5 K RN2.2 H FM 4.0		


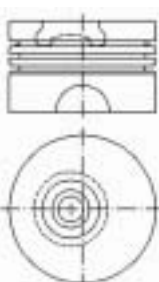
<b>Engine</b> <b>SA6D95L-1MM</b> <b>S6D95-6</b> 6 cyl.,4890m³ Excavator:PC200-6 ,PC200-6A, PC200-6H-A,PC200-6Z,PC200LC-6, PC200LC-6A,PC200LC-6H, PC200LC-6H-A,PC200LC-6Z,PC210-6  <b>Remark</b> Piston : Al-fin.Round Combustion Chamber 56mm Liner : Fully-Finished & Phosphated . Retainer#04065-03012 Gasket Cylinder Head:6206-11-1830	<b>Bore</b> 95.0mm	<b>3A95S03</b> KMKT0711800	<b>3L95S01-FP</b> 6207-21-2110 6207-21-2120 6207-21-2121	<b>3P95S03-A</b> 6207-31-2180 (Piston Body)	<b>3B95S02</b> 6207-31-3530 6207-31-3130	<b>3R95S03</b> 6209-31-2400/Cyl. SDK04-023ZZ
		 <b>Cylinder Liner</b> TL 180.0mm OD 98.0mm FD 104.0mm FH 4.0mm	 <b>Piston</b> TL 94.1mm CH 51.2mm -19.6mm  <b>Piston Pin</b> OD 30.0mm TL 74.0mm 6207-31-2420	 <b>Piston Ring</b> RN 2.5 K RN 2.2 K FM 4.0		


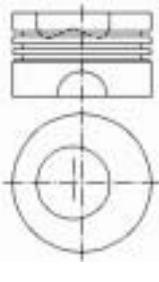
Suffix Code : **Piston** A=Alfin D=Head Anodizing M=MoS2 Coating N=Nitrided O=Oil Gallery T=Tin Plating TL=Total Length  
**CH**=Compression Height **Piston Pin** OD=Outer Diameter TL=Total Length **Liner** C=Chrome plating F=F/F IH=Induction Harden  
**N**=Nitrided **P**=Phosphated **S**=S/F **U**=Copper plating **TL**=Total Length **OD**=Outer Diameter **FD**=Flange Diameter **FH**=Flange Height

# Liner Kit For KOMATSU



Engine	Bore	3A02F01	3L02S01-S	3P02S01-A	3B02S01	3R02S01
<b>S4D102E-1</b> 4 cyl., Excavator:PC60-7,PC60-7B,PC100-6, PC100-6Z,PC100L-6,PC120-6, PC120-6Z,PC120-LC-6,PC128US-1, PC128UU-1,PC128US-2,PC128UU-2, PC130-6K,PC138USLL-2 Dozer:D31E-20,D31P-20A,D37E-5, D37P-5A,D38E-1,D38P-1,D38E-1A, D38P-1A,D39E-1,D39P-1,D39E-1A, D39P-1A	102.0MM	KMKT3511100	6736-29-2110	6735-31-2111 (Piston Body) 6735-31-2140 (Piston Kit)	6732-31-3131	6738-31-2030 R42815
<b>Remark</b> Piston : Al-fin.Round combustion Chamber 51mm. Liner : Semi-Finished Retainer#6732-31-2420 Gasket Cylinder Head:6732-11-1151			<b>Cylinder Liner</b> TL 200.0 OD 104.5	<b>Piston</b> TL 105.4mm CH 71.6mm -22.1mm <b>Piston Pin</b> OD 40.0mm TL 83.0mm 6731-31-2410		<b>Piston Ring</b> RN 2.85 K 2.4 FM 4.0


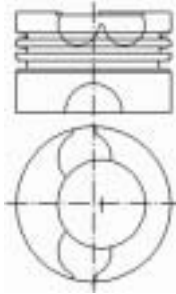
Engine	Bore	3A02S01	3L02S01-S	3P02S01-A	3B02S01	3R02S01
<b>S6D102E-1AB</b> <b>SA6D102E-1AB</b> 6 cyl.,5900m3 Dozer:D41A-6/E-6/P-6/E-6K Excavator:PC200-6/6A/6B/6H-A/6Z, PC200CA-6/6-C/1/6-U1, PC200LC-6/6H/6Z,PC200LL-6, PC210-6,PC220-6,PC228US-1T, PC230-6,PC240-6K,PC250-6 Loader:WA180-3,WA250-3	102.0MM	KMKT3511100	6736-29-2110	6735-31-2111 (Piston Body) 6735-31-2140	6732-31-3131	6738-31-2030 R42815
<b>Remark</b> Piston : Al-fin.Round combustion Chamber 51mm. Liner : Semi-Finished Retainer#6732-31-2420 Gasket Cylinder Head:6206-11-1830			<b>Cylinder Liner</b> TL 200.0 OD 104.5	<b>Piston</b> TL 105.4mm CH 71.6mm -22.1mm <b>Piston Pin</b> OD 40.0mm TL 83.0mm 6731-31-2410		<b>Piston Ring</b> RN 2.85 K 2.4 FM 4.0


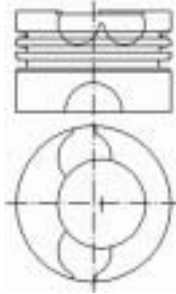
Engine	Bore	3A05F01	3L05F01-FP	3P05F01	3B05F01	3R05F01
<b>4D105-3C</b> 4 cyl., 4330m3 Dozer:D31A-16,D31P-16,D31P-16A, D31PL-16,D31PLL-16,D31Q-16, D31S-16	105.0MM	KMKT3021100	6130-22-2310	6130-32-2110	6130-31-3130	6130-32-2202 6130-32-2302/cyl. 6130-31-2202 6130-32-2301/cyl.
<b>Remark</b> Piston : Round Combustion Chamber 60mm Liner : Fully-Finished & Phosphated . Retainer#6130-31-2510 Liner O-ring#6130-21-2220,6130-21- 2230 Gasket Cylinder Head:6131-11-1812			<b>Cylinder Liner</b> TL 223.0mm OD 118.0mm FD 125.5mm FH 10.0mm +1.0	<b>Piston</b> TL 107.5mm CH 69.0mm <b>Piston Pin</b> OD 38.0mm TL 88.0mm 6130-31-2410		<b>Piston Ring</b> 3.0 2.5 FX 5.0 R18090


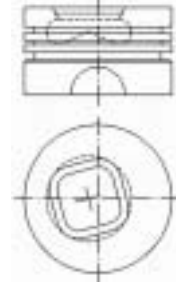
Suffix Code	<b>Piston</b> A=Alfin D=Head Anodizing M=MoS2 Coating N=Nitrided O=Oil Gallery T=Tin Plating TL=Total Length <b>CH</b> =Compression Height <b>Piston Pin</b> OD=Outer Diameter TL=Total Length <b>Liner</b> C=Chrome plating F=F/F IH=Induction Harden <b>N</b> =Nitrided <b>P</b> =Phosphated <b>S</b> =S/F <b>U</b> =Copper plating <b>TL</b> =Total Length <b>OD</b> =Outer Diameter <b>FD</b> =Flange Diameter <b>FH</b> =Flange Height
-------------	---

# Liner Kit For KOMATSU



Engine	Bore	3A05F02	3L05F02-FP	3P05F02	3B05F02	3R05F02
<b>4D105-5H,5J,5T</b>	105.0MM	KODKT0801	6137-22-2210 6136-21-2210	6136-32-2110	6136-32-3130	6136-31-2030/cyl. 6136-31-2010 R18530
4 cyl., 4330m3 Dozer:D31A-17,D31E-17,D31P-17/A, D31Q/S			<u>Cylinder Liner</u>	<u>Piston</u>		<u>Piston Ring</u>
<u>Remark</u> Piston : Round Combustion Chamber 58mm Liner : Fully-Finished & Phosphated . Retainer#04065-04018 Liner O-ring#6136-21-2230,6136-21- 2240 Liner Seal#6136-21-2220 Gasket Cylinder Head:6135-12-1811			TL 223.0mm OD 118.7mm FD 127mm FH 10.0mm +1.0	TL 107.7mm CH 69.2mm -22.8mm		RN 3.0 2.5 FX 5.0


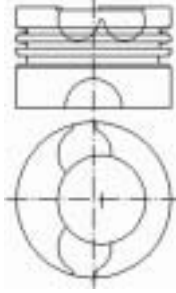



Engine	Bore	3A05F03	3L05F02-FP	3P05F03-A	3B05F02	3R05F03
<b>S4D105-5A/B</b>	105.0MM	KMKT3721100	6137-22-2210 6136-21-2210	6137-32-2110 (Piston Body) 6137-32-2010 (Piston Kit)	6136-32-3130	6137-31-2202 6137-31-2032/Cyl. R18260
4 cyl., 4330m <sup>3</sup> Excavator:PC100-1,PC100-2,PC120- 2,PW100-1			<u>Cylinder Liner</u>	<u>Piston</u>		<u>Piston Ring</u>
<u>Remark</u> Piston : Al-fin.Round Combustion Chamber 59mm Liner : Fully-Finished & Phosphated . Retainer#04065-04018 Liner O-ring#6136-21-2230,6136-21- 2240 Liner Seal#6136-21-2220 Gasket Cylinder Head:6135-12-1811			TL 223.0mm OD 118.7mm FD 127mm FH 10.0mm +1.0	TL 107.7mm CH 69.2mm -22.2mm		RN 3.0 K 2.5 H FX 5.0


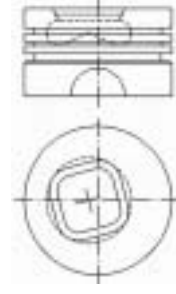



Engine	Bore	3A05S01	3L05F02-FP	3P05S03	3B05S01	3R05F02
<b>6D105-1</b>	105.0MM	KODKT1301	6137-22-2210 6136-21-2210	6136-31-2112 (Piston Body) 6136-31-2012 (Piston Kit)	6136-31-3130	6136-31-2030/cyl. 6136-31-2010 R18530
6 cyl., 6490m <sup>3</sup> Dozer:D40A-3/AM-3,D40F-3,D40P-3/PF- 3A/PL-3/PLL-3,D41A-3/A-3A/A- 3C,D41E-3/P-3/Q-3/S-3 PC200- 1,PC200-2/LC-2 Excavator:PC200-1,PC200-2/LC-2 Grader:GD405A-1			<u>Cylinder Liner</u>	<u>Piston</u>		<u>Piston Ring</u>
<u>Remark</u> Piston : Rectangle Combustion Chamber 49mm Liner : Fully-Finished & Phosphated . Retainer#04065-04018 Liner O-ring#6136-21-2230,6136-21- 2240 Liner Seal#6136-21-2220 Gasket Cylinder Head:6137-12-1811			TL 223.0mm OD 118.7mm FD 127mm FH 10.0mm +1.0	TL 107.5mm CH 69.0mm -22.6mm		RN 3.0 2.5 FX 5.0






Suffix Code	<p><u>Piston</u> A=Alfin D=Head Anodizing M=MoS2 Coating N=Nitrided O=Oil Gallery T=Tin Plating TL=Total Length  <u>CH</u>=Compression Height <u>Piston Pin</u> OD=Outer Diameter TL=Total Length <u>Liner</u> C=Chrome plating F=F/F IH=Induction Harden  N=Nitrided P=Phosphated S=S/F U=Copper plating TL=Total Length OD=Outer Diameter FD=Flange Diameter FH=Flange Height</p>
-------------	---

# Liner Kit For KOMATSU



Engine	Bore	3A05S02	3L05F02-FP	3P05S01-A	3B05F02	3R05S01
<b>S6D105-1</b>	105.0MM	KODKT1801	6137-22-2210 6136-21-2210	6137-32-2130 (Piston Body) 6137-32-2030 (Piston Kit)	6136-32-3130	6137-31-2040 R18070
6 cyl., 6490m <sup>3</sup> Graders:GD525A-1/A-1B/A-1C,GD515A-1,GD611A-1,GD621A-1/R-1,GD655A-5,GD661A-1 Loader:WA250-1,WA300-1/1A,WA320-1,WA320-1R			<u>Cylinder Liner</u>	<u>Piston</u>		<u>Piston Ring</u>
<u>Remark</u> Piston : Al-fin.Round Combustion Chamber 60mm Liner : Fully-Finished & Phosphated . Retainer#04065-04018 Liner O-ring#6136-21-2230,6136-21-2240 Liner Seal#6136-21-2220 Gasket Cylinder Head:6136-11-1813			TL 223.0mm OD 118.7mm FD 127mm FH 10.0mm +1.0	TL 107.7mm CH 69.2mm -23.7mm <u>Piston Pin</u> OD 40.0mm TL 86.0mm 6137-31-2410		RN 3.0 K  2.5 H  FM 5.0 

Engine	Bore	3A05S03	3L05F02-FP	3P05S02-A	3B05F02	3R05S01
<b>S6D105-5</b>	105.0MM	KMKT3710200	6137-22-2210 6136-21-2210	6137-31-2020	6136-31-3130 6136-32-3130	6137-31-2040 R18070
6 cyl., 6490m <sup>3</sup> Excavator:PC200-3/LC-3/NLC-3,PC210-3/LC-3,PC220-3/LC-3/NLC-3,PC240-3K/LC-3K/NLC-3K,PF55L-1,PW210-1			<u>Cylinder Liner</u>	<u>Piston</u>		<u>Piston Ring</u>
<u>Remark</u> Piston : Al-fin. Rectangle combustion Chamber 54mm. Liner : Fully-Finished & Phosphated . Retainer#04065-04018 Liner O-ring#6136-21-2230,6136-21-2240 Liner Seal#6136-21-2220			TL 223.0mm OD 118.7mm FD 127mm FH 10.0mm +1.0	TL 107.5mm CH 69.0mm -22.7mm <u>Piston Pin</u> OD 40.0mm TL 86.0mm 6137-31-2410		RN 3.0 K  2.5 H  FM 5.0 


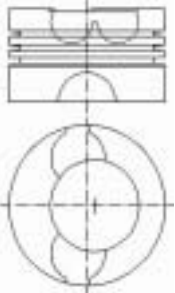



Engine	Bore	3A08S01	3L08S01-FP	3P08S01-A	3B08S01	3R08S01
<b>SA6D108-1</b>	108.0MM	KMKT2211100	6222-21-2110 6222-23-2231	6222-31-2110	6221-31-3130	6221-31-2200 R18990
6 cyl., Excavator:PC300-5/LC-5, PC300-5K/LC-5K/NLC-5K, PC300-5T,PC300LC-5,PC300LC-5T, PC360LC-5 Loader:WA420-3,WA420-3X/3X-R			<u>Cylinder Liner</u>	<u>Piston</u>		<u>Piston Ring</u>
<u>Remark</u> Piston : Al-fin.Round Combustion Chamber 66mm Liner : Fully-Finished & Phosphated . Retainer#04065-04518 Gasket Cylinder Head:6221-17-1810			TL 219.5mm OD 111.5mm FD 120.0mm FH 5.0mm +1.0	TL 113.8mm CH 66.7mm -21.5mm <u>Piston Pin</u> OD 45.0mm TL 85.0mm 6221-31-2410		2.5 K  2.53 K  FM 4.0 


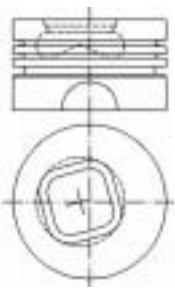



Suffix Code	<p><u>Piston</u> A=Alfin D=Head Anodizing M=MoS2 Coating N=Nitrided O=Oil Gallery T=Tin Plating TL=Total Length</p> <p><u>CH</u>=Compression Height <u>Piston Pin</u> OD=Outer Diameter TL=Total Length <u>Liner</u> C=Chrome plating F=F/F IH=Induction Harden</p> <p>N=Nitrided P=Phosphated S=S/F U=Copper plating TL=Total Length OD=Outer Diameter FD=Flange Diameter FH=Flange Height</p>
-------------	---


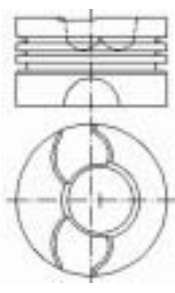





# Liner Kit For KOMATSU



<b>Engine</b> <b>SAA6D108E-2A</b> 6 cyl., Excavator:PC300-6/6Z,PC300LC-6/6Z, ,PC340LC-6K,PC340NLC-6K ,PC350-6/LC-6,PC380LC-6K ,PC380LC-6K-J  <b>Remark</b> Piston : Al-fin & Oil GalleryRound Combustion Chamber ?mm Liner : Fully-Finished & Phosphated . Retainer#04065-04518 Gasket Cylinder Head:6221-17-1810	<b>Bore</b> 108.0MM	<b>3A08S02</b> KMKT2211100  	<b>3L08S01-FP</b> 6222-21-2110 6222-23-2231  <b>Cylinder Liner</b> TL 219.5mm OD 111.5mm FD 120.0mm FH 5.0mm +1.0	<b>3P08S02-AO</b> 6222-33-2110  <b>Piston</b> TL 113.8mm CH 66.7mm -26.0mm  <b>Piston Pin</b> OD 45.0mm TL 85.0mm 6221-31-2410	<b>3B08S01</b> 6221-31-3130  	<b>3R08S01</b> 6221-31-2200 R18990  <b>Piston Ring</b> 2.5 K  2.53 K  FM 4.0 
--	------------------------	--	--	---	---	---



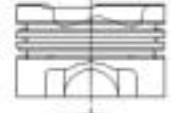

<b>Engine</b> <b>S6D110-1C</b> <b>S6D110-1G</b> 6 cyl.,7130m3 Loader:WA380-1, WA400/420-1  <b>Remark</b> Piston : Al-fin. Rectangle Combustion Chamber 62mm Liner : Fully-finished & Phosphated. Retainer#04065-04018	<b>Bore</b> 110.0MM	<b>3A10S01</b> KMKT3811100  	<b>3L10S01-FP</b> 6138-21-2211  <b>Cylinder Liner</b> TL 225.0mm OD 115.0mm FD 120.0mm FH 5.0mm +1.0	<b>3P10S01-A</b> 6138-31-2110  <b>Piston</b> TL 116.0mm CH 69.0mm  <b>Piston Pin</b> OD 40.0mm TL 90.0mm 6138-31-2410	<b>3B10S01</b> 6138-31-3133  	<b>3R10S01</b> 6138-32-2200 R18180  <b>Piston Ring</b> RN 3.0 K  2.5 H  FM 5.0 
--	------------------------	--	--	---	---	---

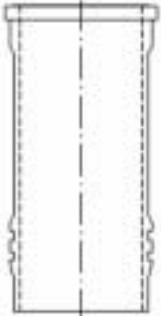
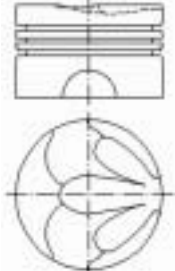

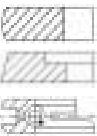
<b>Engine</b> <b>S6D110-1C</b> <b>1G/1N/1P</b> 6 cyl.,7130m3 Wheel Loader:WA380-1, WA400/420-1  <b>Remark</b> Piston : Al-fin.Round Combustion Chamber 62mm Liner : Fully-finished & Phosphated. Pin#6138-31-2410 Retainer#04065-04018	<b>Bore</b> 110.0MM	<b>3A10S02</b> KMKT3821100  	<b>3L10S01-FP</b> 6138-21-2211  <b>Cylinder Liner</b> TL 225.0mm OD 115.0mm FD 120.0mm FH 5.0mm +1.0	<b>3P10S02-A</b> 6138-32-2110  <b>Piston</b> TL 116.2mm CH 69.2mm -20.4mm  <b>Piston Pin</b> OD 40.0mm TL 90.0mm 6138-31-2410	<b>3B10S01</b> 6138-31-3133  	<b>3R10S01</b> 6138-32-2200 R18180  <b>Piston Ring</b> RN 3.0 K  2.5 H  FM 5.0 
--	------------------------	--	--	--	---	---



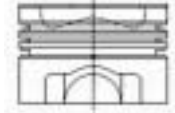
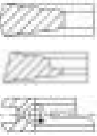
Suffix Code :	Piston A=Alfin D=Head Anodizing M=MoS2 Coating N=Nitrided O=Oil Gallery T=Tin Plating TL=Total Length CH=Compression Height Piston Pin OD=Outer Diameter TL=Total Length Liner C=Chrome plating F=F/F IH=Induction Harden N=Nitrided P=Phosphated S=S/F U=Copper plating TL=Total Length OD=Outer Diameter FD=Flange Diameter FH=Flange Height
---------------	--

# Liner Kit For KOMATSU



<p><u>Engine</u> <b>SA6D110-1J</b> <b>1Q/1R/1U/1W</b> 6 cyl.,7130m3 Dozer:D66S-1 Loader:WA380-1,WA400-1,WA420-1</p> <p><u>Remark</u> Piston : Al-fin.Round Combustion Chamber 66mm Liner : Fully-finished &amp; Phosphated. Retainer#04065-04018 Gasket Cylinder Head:6138-19-1811</p>	<p><u>Bore</u> 110.0MM</p>	<p><b>3A10S03</b> KMKT3821200</p> 	<p><b>3L10S01-FP</b> 6138-21-2211 6138-21-2220</p> <p><u>Cylinder Liner</u> TL 225.0mm OD 115.0mm FD 120.0mm FH 5.0mm +1.0</p>	<p><b>3P10S03-A</b> 6138-32-2120 (Piston Body)</p> <p><u>Piston</u> TL 116.2mm CH 69.2mm -22.0mm</p> <p><u>Piston Pin</u> OD 40.0mm TL 90.0mm 6138-31-2410</p> 	<p><b>3B10S01</b> 6138-31-3133</p> 	<p><b>3R10S01</b> 6138-32-2200 R18180</p> <p><u>Piston Ring</u> RN 3.0 K 2.5 H FM 5.0</p> 
--	--------------------------------	---	--	--	--	---


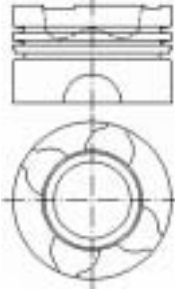
<p><u>Engine</u> <b>4D120</b> 4 cyl.,7240m3 Bull-Dozer:D55S-3</p> <p><u>Remark</u> Piston : Al-fin &amp; Tin Plated. Liner : Fully-finished &amp; Phosphated.</p>	<p><u>Bore</u> 120.0MM</p>	<p><b>3A20F01</b> KODKT0201</p> 	<p><b>3L20F01-FP</b> 6110-21-2212</p> <p><u>Cylinder Liner</u> TL 293.0mm OD 140.0mm FD 150.0mm FH 13.0mm +1.0</p>	<p><b>3P20F01</b> 6110-33-2132</p> <p><u>Piston</u> TL 135.0mm CH 90.0mm</p> <p><u>Piston Pin</u> OD 44.0mm TL 102.0mm</p> 	<p><b>3B30F01</b> 6110-23-1442 6110-33-3120</p> 	<p><b>3R20F01</b> 6110-30-2303 6110-30-2403/cyl. 6110-30-2302 R18900</p> <p><u>Piston Ring</u> RN 3.5 2.5 FX 5.5</p> 
---	--------------------------------	---	--	--	---	--


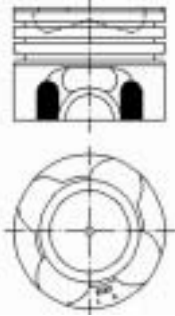
<p><u>Engine</u> <b>6D125-1</b> 6 cyl.,11040m3 Dozer : D50A-17,D50P/P-17/PL17, D53A-17/P17,D58E-1/E1B,D58P-1/P1B, D60A-8/P-8/S-8,D65A-8/E-8,D65E-12, D65P-8/S-8,D68E-1,D68P-1, D70-LE/D70LE-12</p> <p><u>Remark</u> Piston :Al-fin.Round Combustion Chamber 75mm Liner : AB1 Nitrided &amp; Phosphated. Retainer#04065-04018 Liner O-ring#6150-21-2230,6150-21-2240 Liner Seal#6150-21-2250 Gasket Cylinder Head:6150-17-1813</p>	<p><u>Bore</u> 125.0MM</p>	<p><b>3A25S01</b> KMKT5021110</p> 	<p><b>3L25S01-NP</b> 6150-21-2221 6151-22-2220</p> <p><u>Cylinder Liner</u> TL 256.5mm OD 141.4mm FD 153.0mm FH 10.0mm +2.0</p>	<p><b>3P25S01-A</b> 6150-31-2112 (Piston Body) 6150-31-2012 (Piston Kit)</p> <p><u>Piston</u> TL 131.2mm CH 80.2mm</p> <p><u>Piston Pin</u> OD 48.0mm TL 104.0mm 6150-31-2410</p> 	<p><b>3B25S01</b> 6150-31-3130</p> 	<p><b>3R25S01</b> 6150-31-2033 /cyl. R18211</p> <p><u>Piston Ring</u> RN 2.4 RN 2.4 FX 4.0</p> 
---	--------------------------------	---	---	---	--	--



Suffix Code : Piston A=Alfin D=Head Anodizing M=MoS2 Coating N=Nitrided O=Oil Gallery T=Tin Plating TL=Total Length  
CH=Compression Height Piston Pin OD=Outer Diameter TL=Total Length Liner C=Chrome plating F=F/F IH=Induction Harden  
N=Nitrided P=Phosphated S=S/F U=Copper plating TL=Total Length OD=Outer Diameter FD=Flange Diameter FH=Flange Height

# Liner Kit For KOMATSU



Engine	Bore	3A25S02	3L25S01-NP	3P25S02-A	3B25S01	3R25S01
<b>S6D125-1</b>	125.0MM	KMKT5111710	6150-21-2221 6151-22-2220	6151-31-2171 (Piston Body) 6151-31-2071 (Piston kit)	6151-31-3230 6151-31-3130 (Trapezium)	6150-31-2033 /cyl. R18211
6 cyl.,11040m <sup>3</sup> Dozers:D83E-1,D83P-1,D85A-21, D85A-21B,D85E-21,D85P-21 Excavators:PC300-3,PC300LC-3, PC360LC-3			<u>Cylinder Liner</u> TL 256.5mm OD 141.4mm FD 153.0mm FH 10.0mm +2.0	<u>Piston</u> TL 131.0 CH 80.1 <u>Piston Pin</u> OD 48.0mm TL 104.0mm 6151-31-2420		<u>Piston</u> Rina RN 2.4 RN 2.4 FX 4.0
<u>Remark</u> Piston :Al-fin.Round Combustion Chamber 75mm Liner : AB1 Nitrided & Phosphated. Retainer#04065-04018 Liner O-ring#6150-21-2230,6150-21- 2240 Liner Seal#6150-21-2250 Gasket Cylinder Head:6150-17-1813						



Engine	Bore	3A25S03	3L25S01-NP	3P25S03-I	3B25S01	3R25S01
<b>S6D125</b>	125.0MM	KMKT5111120	6150-21-2221 6151-22-2220	6151-31-2112	6150-31-3130	6150-31-2033 /cyl. R18211
6 cyl.,11040m <sup>3</sup>			<u>Cylinder Liner</u> TL 256.5mm OD 141.4mm FD 153.0mm FH 10.0mm +2.0	<u>Piston</u> TL 122.3mm CH 80.3mm <u>Piston Pin</u> OD 48.0mm TL 99.0mm 6151-31-2410		<u>Piston</u> Rina RN 2.4 RN 2.4 FX 4.0
<u>Remark</u> <b>Iron Piston</b> :Round Combustion Chamber 75mm Liner : AB1 Nitrided & Phosphated. Retainer#04065-04818 Liner O-ring#6150-21-2230,6150-21- 2240 Liner Seal#6150-21-2250						



Engine	Bore	3A25S04	3L25S01-NP	3P25S04-I	3B25S01	3R25S01
<b>S6D125</b> <b>New</b>	125.0MM	KMKT5115110	6150-21-2221 6151-22-2220	6151-31-2511	6150-31-3130	6150-31-2033 /cyl. R18211
6 cyl.,11040m <sup>3</sup>			<u>Cylinder Liner</u> TL 256.5mm OD 141.4mm FD 153.0mm FH 10.0mm +2.0	<u>Piston</u> TL 117.3mm CH 80.3mm <u>Piston Pin</u> OD 48.0mm TL 99.0mm 6151-31-2410		<u>Piston</u> Rina RN 2.4 RN 2.4 FX 4.0
<u>Remark</u> <b>Iron Piston</b> :Round Combustion Chamber 75mm Liner :AB1 Nitrided & Phosphated. Retainer#04065-04818 Liner O-ring#6150-21-2230,6150-21- 2240 Liner Seal#6150-21-2250						


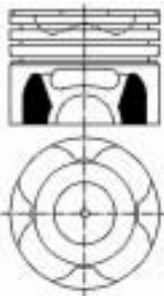
Suffix Code	<u>Piston</u> A=Alfin D=Head Anodizing M=MoS2 Coating N=Nitrided O=Oil Gallery T=Tin Plating TL=Total Length CH=Compression Height <u>Piston Pin</u> OD=Outer Diameter TL=Total Length <u>Liner</u> C=Chrome plating F=F/F IH=Induction Harden N=Nitrided P=Phosphated S=S/F U=Copper plating TL=Total Length OD=Outer Diameter FD=Flange Diameter FH=Flange Height
-------------	---

# Liner Kit For KOMATSU



Engine	Bore	3A25S05	3L25S01-NP	3P25S05-I	3B25S01	3R25S01
<b>S6D125E-2</b> <b>SA6D125E-2 , SA6D125E-3B-7</b> <b>SAA6D125E-3</b> 6 cyl.,11040m <sup>3</sup> Dozer:D50A-17,D50P/P17/PL17,D53A-17/P17,D58E-1/E1B,D58P-1/P1B,D60A-8/P-8/S-8,D65A-8/E-8,D65E-12,D65P-8/S-8,D68E-1/P-1,D70-LE	125.0MM	KMKT5215100	6150-21-2221 6151-22-2220	6152-32-2510	6150-31-3130	6150-31-2033 /cyl. R18211
<b>Remark</b> <b>Iron Piston</b> :Round Combustion Chamber 63mm Liner : AB1 Nitrided & Phosphated. Retainer#04065-04818 Liner O-ring#6150-21-2230,6150-21-2240 Liner Seal#6150-21-2250			<u>Cylinder Liner</u> TL 256.5mm OD 141.4mm FD 153.0mm FH 10.0mm +2.0	<u>Piston</u> TL 117.3mm CH 80.3mm <u>Piston Pin</u> OD 48.0mm TL 99.0mm 6151-31-2410		<u>Piston Ring</u> RN 2.4 RN 2.4 FX 4.0



Engine	Bore	3A30F01	3L30F01	3P30F01	3B30F01	3R30F01
<b>4D130-1</b> 4 cyl.,8490m <sup>3</sup> Dozer:D50A-16,D50S-16,D50P-16,D53A-16/P-16,D53S-16,D53S-17	130.0MM	KMKT1421110	6115-21-2211	6114-31-2111	6110-23-1442 6110-33-3120	6114-30-2303 6114-30-2403/cyl. R18400
<b>Remark</b> Piston :Round Combustion Chamber 63mm Liner : Retainer#6110-31-2120 Liner O-ring#6610-21-2221,6610-21-2250 Liner Seal#6610-21-2240 Gasket Cylinder Head:6114-11-1811			<u>Cylinder Liner</u> TL 293.0mm OD 146.0mm FD 156.0mm FH 13.0mm +1.0	<u>Piston</u> TL 135.0mm CH 90.0mm -6.9mm <u>Piston Pin</u> OD 44.0mm TL 102.0mm 6114-31-2410		<u>Piston Ring</u> RN 3.5 2.5 FX 5.5



Engine	Bore	3A40S01	3L40S01-FP	3P40S01-INO	3B40S01	3R40S01
<b>S6D140</b> 6 cyl.,15200m <sup>3</sup> Excavator:PC650-3 Bulldozer:D135A-2 ,D155AX-3 Wheel Loader:WA500-1	140.0MM	KMKT1121110	6211-21-2210 6211-22-2220	6211-31-2111	6211-31-3130	6211-31-2031 6211-31-2032/cyl. R18970
<b>Iron Piston</b> : Oil Gallery & Nitriding. Round Combustion Chamber 92mm Liner : Fully-Finished & Phosphated . Retainer#04065-05220 Liner O-ring#6210-21-2230,6210-21-2240 Liner Seal#6210-21-2270			<u>Cylinder Liner</u> TL 293.0mm OD 146.0mm FD 156.0mm FH 13.0mm +1.0	<u>Piston</u> TL 130.3mm CH 85.3mm -26.8mm <u>Piston Pin</u> OD 52.0mm TL 110.0mm 6211-31-2410		<u>Piston Ring</u> RN 2.4K RN 2.4 FM 4.0

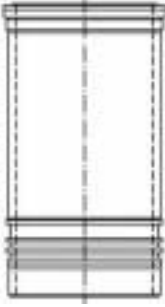
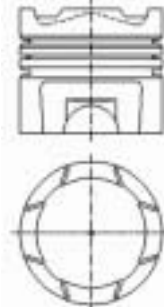
Suffix Code	<p><u>Piston</u> A=Alfin D=Head Anodizing M=MoS2 Coating N=Nitrided O=Oil Gallery T=Tin Plating TL=Total Length  <u>CH</u>=Compression Height <u>Piston Pin</u> OD=Outer Diameter TL=Total Length <u>Liner</u> C=Chrome plating F=F/F IH=Induction Harden  N=Nitrided P=Phosphated S=S/F U=Copper plating TL=Total Length OD=Outer Diameter FD=Flange Diameter FH=Flange Height</p>
-------------	---

# Liner Kit For KOMATSU



Engine	Bore	3A40S02	3L40S01-FP	3P40S02-INO	3B40S01	3R40S01
<b>SA6D140-1</b> <b>SA12V140-1</b> 6 cyl., 15200m <sup>3</sup> [SA6D140-1] Excavator: C650-3/SE-3/5/E-5/LC-5/SE-5, PC750-5/SE-5, PC1600-1 Dumper: HD325-5/6/6W [SA12V140-1] Dozer: D475A-2 Loader: WA800-2/2LC/3/3LC, WA900-1/1L/1LC/3/3LC Dumper: HD785-3/5, HD985-3/5	140.0MM	KMKT1211700	6211-21-2210 6211-22-2220	6212-31-2170 6211-31-2410	6211-31-3130	6211-31-2031 6211-31-2032/cyl. R18970
<b>Iron Piston</b> : Oil Gallery & Nitriding. Round Combustion Chamber 92mm Liner : Fully-Finished & Phosphated . Retainer#04065-05220 Liner O-ring#6210-21-2230,6210-21-2240 Liner Seal#6210-21-2270		<b>Cylinder Liner</b> TL 293.0mm OD 146.0mm FD 156.0mm FH 13.0mm +1.0		<b>Piston</b> TL 125.3mm CH 85.3mm -28.4mm <b>Piston Pin</b> OD 52.0mm TL 110.0mm 6211-31-2410		
		<b>Piston Ring</b> RN 2.4K RN 2.4 FM 4.0				

Engine	Bore	3A40S03	3L40S01-FP	3P40S03-INO	3B40S01	3R40S01
<b>S6D140</b> 6 cyl., 15200m <sup>3</sup> Excavator: PC650-3 Bulldozer: D135A-2 , D155AX-3 Wheel Loader: WA500-1	140.0MM	KMKT1211510	6211-21-2210 6211-22-2220	6212-31-2151 6212-31-2130	6211-31-3130	6211-31-2031 6211-31-2032/cyl. R18970
<b>Iron Piston</b> : Oil Gallery & Nitriding. Round Combustion Chamber 78mm Liner : Fully-Finished & Phosphated . Retainer#04065-05220 Liner O-ring#6210-21-2230,6210-21-2240 Liner Seal#6210-21-2270		<b>Cylinder Liner</b> TL 293.0mm OD 146.0mm FD 156.0mm FH 13.0mm +1.0		<b>Piston</b> TL 125.3mm CH 85.3mm -31.3mm <b>Piston Pin</b> OD 52.0mm TL 110.0mm 6211-31-2410		
		<b>Piston Ring</b> RN 2.4K RN 2.4 FM 4.0				

Engine	Bore	3A55S01	3L55S01-FNP	3P55S01-A	3B55S01	3R55S01
<b>S6D155-4</b> 6 cyl., 19260m <sup>3</sup> Dozer: D150A-1, D155A-1, D155A-2 D155S-1, D155W-1, D355A-3	155.0MM	KMKT2711400	6128-21-2216	6127-31-2140 (Piston Body) 6127-31-2030 (Piston kit)	6127-31-3131	6128-31-2060 6128-31-2070/cyl. R18370
<b>Remark</b> Piston : Al-fin , Round Combustion Chamber 131mm Liner : AB1 Nitrided & Phosphated. Retainer #6120-31-2120 Liner O-ring#6127-21-2221,6127-21-2241 Liner Seal#6127-21-2252 Gasket Cylinder Head:6127-11-1087		<b>Cylinder Liner</b> TL 327.0mm OD 176.0mm FD 184.0mm FH 14.0mm		<b>Piston</b> TL 167.5mm CH 102.5mm <b>Piston Pin</b> OD 60.0mm TL 130.0mm 6127-31-2410		
		<b>Piston Ring</b> RN 3.68 K RN 3.548 K FX 4.737				

**Piston** A=Alfin D=Head Anodizing M=MoS2 Coating N=Nitrided O=Oil Gallery T=Tin Plating TL=Total Length  
 Suffix Code **CH**=Compression Height **Piston Pin** **OD**=Outer Diameter **TL**=Total Length **Liner** **C**=Chrome plating **F**=F/F **IH**=Induction Harden  
**N**=Nitrided **P**=Phosphated **S**=S/F **U**=Copper plating **TL**=Total Length **OD**=Outer Diameter **FD**=Flange Diameter **FH**=Flange Height

# Liner Kit For KOMATSU



Engine	Bore	3A55S02	3L55S01-FNP	3P55S02	3B55S01	3R55S01
<b>SA6D155-4</b>	155.0MM	KMKT2811400	6128-21-2216	6128-31-2140 (Piston Body) 6128-31-2050 (Piston Assy)	6127-31-3131	6128-31-2060 6128-31-2070/cyl. R18370
6 cyl.,19260m³ Dozer:D355A-3,D355A-5			<u>Cylinder Liner</u>	<u>Piston</u>		<u>Piston Ring</u>
<u>Remark</u> Piston : Round Combustion Chamber 124mm Liner :AB1 Nitrided & Phosphated. Retainer #6120-31-2120 Liner O-ring#6127-21-2221,6127-21-2241 Liner Seal#6127-21-2252 Gasket Cylinder Head:6127-11-1087			TL 327.0mm	TL 170.0		RN 3.68 K
			OD 176.0mm	CH 105.0		RN 3.548 K
			FD 184.0mm	<u>Piston Pin</u>		FX 4.737
			FH 14.0mm	OD 60.0mm		
				TL 130.0mm		
				6127-31-2410		



Engine	Bore	3A70S01	3L70S01-FN	3P70S01-ADO	3B70S01	3R70S01
<b>SA8V170-1</b>	170.0MM	KMKT6411100	6162-23-2210 6162-23-2250 6162-25-2210	6164-31-2110	6162-33-3131	6162-33-2060 R64020
8 cyl. Dozer:D475A-1(SA8V170-1A) Dumper:HD785-2 (SA8V170-1B) Loader:WA800-1(SA8V170-1C)			<u>Cylinder Liner</u>	<u>Piston</u>		<u>Piston Ring</u>
<u>Remark</u> Piston :Al-fin,Oil Gallery,Head Anodized ,Round Combustion Chamber 122mm Liner : Nitrided Retainer #6162-33-2420 Liner O-ring#6162-23-2220,6162-23-2240, Liner Seal#6162-23-2250 Gasket Cylinder Head:6164-11-1814			TL 342.0mm	TL 195.6mm		RN 3.7K
			OD 190.3mm	CH 120.6mm -22.1mm		RN 3.55K
			FD 206.0mm	<u>Piston Pin</u>		RN 4.75
			FH 14.0mm +2.0	OD 68.0mm		
				TL 142.0mm		
				6162-33-2410		


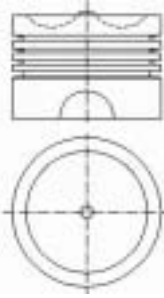
Engine	Bore	3A70S02	3L70S01-FN	3P70S02-AD	3B70S01	3R70S01
<b>S6D170-1</b>	170.0MM	KMKT6231200	6162-23-2210 6162-23-2250 6162-25-2210	6162-33-2120	6162-33-3131	6162-33-2060 R64020
6 cyl. Dozer:D275A-2(S6D170-1L/1LW) Loader:WA600-1(S6D170-1D),WA600-1L (S6D170-1),WD600-1(S6D170-1G) Excavators:PC650-1(S6D170-1A)			<u>Cylinder Liner</u>	<u>Piston</u>		<u>Piston Ring</u>
<u>Remark</u> Piston : Alfin & Head Anodized ,Round Combustion Chamber 112mm Liner :Nitrided Retainer #6162-33-2420 Liner O-ring#6162-23-2220,6162-23-2240 Liner Seal#6162-23-2250 Gasket Cylinder Head:6162-13-1812			TL 342.0mm	TL 195.6mm		RN 3.7K
			OD 190.3mm	CH 120.6mm -23.6mm		RN 3.55K
			FD 206.0mm	<u>Piston Pin</u>		RN 4.75
			FH 14.0mm +2.0	OD 68.0mm		
				TL 142.0mm		
				6162-33-2410		



Suffix Code	<u>Piston</u> A=Alfin D=Head Anodizing M=MoS2 Coating N=Nitrided O=Oil Gallery T=Tin Plating TL=Total Length <u>CH</u> =Compression Height <u>Piston Pin</u> OD=Outer Diameter TL=Total Length <u>Liner</u> C=Chrome plating F=F/F IH=Induction Harden N=Nitrided P=Phosphated S=S/F U=Copper plating TL=Total Length OD=Outer Diameter FD=Flange Diameter FH=Flange Height
-------------	---

# Liner Kit For KOMATSU



Engine	Bore	3A70S03	3L70S01-FN	3P70S03-AI	3B70S01	3R70S01
<b>SA6D170E-2</b> <b>SAA6D170E-2A</b> <b>SA12V170-1</b>	170.0MM	KMKTK6251200	6162-23-2210 6162-23-2250 6162-25-2210	6162-35-2120	6162-33-3131	6162-33-2060 R64020
6 cyl. Bull-Dozer: D275A-2, D375A-3, D375A/3AD/3D, D575A-3 (SA12V170-1) Loader: WA600-3/3C/3D, WA700-1L, WA700-3/3D/3L Excavator: PC1000-1/LC-1/SE-1/SP-1, PC1100-6/LC-6 Dumper: HD645-5, HD605-5 (SAA6D170E-2A) <b>Iron Piston</b> : Round Combustion Chamber 118mm Liner : Nitrided Retainer #6162-33-2420 Liner O-ring #6162-23-2220, 6162-23-2240 Liner Seal #6162-23-2250 Gasket Cylinder Head: 6162-13-1812			<u>Cylinder Liner</u> TL 342.0mm OD 190.3mm FD 206.0mm FH 14.0mm +2.0	<u>Piston</u> TL 176.0mm CH 121.0mm -24.0mm <u>Piston Pin</u> OD 68.0mm TL 126.0mm 6161-31-2410		<u>Piston Ring</u> RN 3.7K RN 3.55K RN 4.75


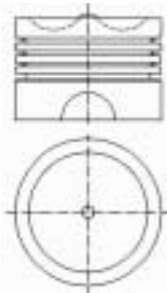




Engine	Bore	3A31S01	3L31S01-FNP	3P31S01-A	3B31S01	3R31S01
<b>NH220-C1</b>	130.18MM	KODKT1601	6610-21-2213	6620-31-2110 (Piston Body) 6620-31-2010 (Piston Body)	6620-31-3120	6620-31-2030/cyl. 6620-31-2020 R18320
6 cyl., 12170m <sup>3</sup> Dozer: D60A-6/E-6/P-6/PL-6/S-6/A-7/E-7/P-7/PL-7/S-7, D65A-6/E-6/P-6/S-6, D65E-7/P-7/S-7, D65S-6, D68E-1A/P-1A, D75S-2/3, D80A-12, D85A-12  Piston : Round Combustion Chamber 99mm Liner : AB1 Nitrided & Phosphated. Retainer #6610-31-2130 Liner O-ring #6610-21-2221, 6610-21-2250 Liner Seal #6610-21-2240			<u>Cylinder Liner</u> TL 303.5mm OD 146.0mm FD 156.0mm FH 11.0mm +2.0	<u>Piston</u> TL 158.5mm CH 101.5mm <u>Piston Pin</u> OD 50.8mm TL 110.0mm 6620-31-2410		<u>Piston Ring</u> RN 3.78K RN 3.61K RN 3.61 RN 6.12

Engine	Bore	3A39S01	3L39S01-FNP	3P39S01-A	3B39S01	3R39S01
<b>NT855-1</b>	139.70MM	KMKTK1121100	6710-21-2210	3048808	6710-31-3120	6710-31-2033/cyl. 6710-31-2023 R18720
6 cyl.,  Piston : Top & 2nd Ring Grooves Al-fin, Round Combustion Chamber 97.5mm Liner : AB1 Nitrided & Phosphated. Retainer #6610-31-2130 Liner O-ring #6710-21-2230, 6712-21-2220 Liner Seal #6712-21-2240			<u>Cylinder Liner</u> TL 288.0mm OD 155.5mm FD 167.0mm FH 9.0mm +2.0	<u>Piston</u> TL 155.0mm CH 105.8mm <u>Piston Pin</u> OD 50.8mm TL 119.0mm 6710-31-2410		<u>Piston Ring</u> RN 3.595 RN 2.878 RN 2.878 FX 4.75

Suffix Code	<p><u>Piston</u> A=Alfin D=Head Anodizing M=MoS2 Coating N=Nitrided O=Oil Gallery T=Tin Plating TL=Total Length  <u>CH</u>=Compression Height <u>Piston Pin</u> OD=Outer Diameter TL=Total Length <u>Liner</u> C=Chrome plating F=F/F IH=Induction Harden  N=Nitrided P=Phosphated S=S/F U=Copper plating TL=Total Length OD=Outer Diameter FD=Flange Diameter FH=Flange Height</p>
-------------	---

# Liner Kit For KOMATSU



Engine	Bore	3A39S02	3L39S01-NP	3P39S02-A	3B39S01	3R39S01
<b>NT855</b>	139.70MM	KMKT2154200	6710-21-2210	215420	6710-31-3120	6710-31-2033/cyl. 6710-31-2023 R18720
6 cyl.,						
Piston :Al-fin,Round Combustion Chamber 105mm Liner : AB1 Nitrided & Phosphated. Retainer #6610-31-2130 Liner O-ring#6710-21-2230,6712-21-2220 Liner Seal#6712-21-2240						
			<u>Cylinder Liner</u> TL 288.0mm OD 155.5mm FD 167.0mm FH 9.0mm +2.0	<u>Piston</u> TL 152.8mm CH 95.8mm <u>Piston Pin</u> OD 50.8mm TL 119.0mm 6710-31-2410		<u>Piston Ring</u> RN 3.595  RN 2.878  RN 2.878  FX 4.75 



## Piston Ring For KOMATSU



# Piston Ring Set for KOMATSU



Engine Type	CC	Vehicle Model Chassis Type	Cyl. No.	Position	Dia	(DXBXT)	Material	Surface Treatment	Set Type	RIK No.	O/E Part No.
<b>2D92</b>	1300	Bulldozer D20	2	1 2 0	92	92X2.868X4 92X 3 X 4 92X6X3.1	RN		FX	18620	6140-31-2020 1ST=KEYSTONE
<b>4D92</b>	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
<b>4D94</b>	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.
<b>4D94E</b>			4	1 2 0	94	94X2X3.6 94X2X4 94X3X2	RN		FM		6209-21-2400
<b>4D95</b>	3260	Bulldozer	4	1 2 0	95	95X2X 4 95X2X 4 95 X4 X2.5			FM	18240	6204-31-2200/cyl.
<b>SA1D95</b>		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.)
<b>S4D95</b>	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
<b>SA1D95</b>		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
<b>S6D95</b>	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
<b>S6D95L</b>		Bulldozer	6	1 2 0	95	95X2.45X3.7 95X2.2X4 95X4X2.5	RN RN		FM	18562	6209-31-2400
<b>SA1D95</b>			4 6	1 2 0	95	95X2.5X3.7 95X2.2X4 95X4X2.5	RN		FM	18391	6207-31-2500
<b>4D95</b>	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/cyl. 1 ST= HALF KEYSTONE
<b>1D95L</b>		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.) 1 ST= HALF KEYSTONE
<b>6BT SA6D102</b>			6	1 2 0	102	102X2.85X4.2 102X2.35X4.22 102X4X3.2	RN		FX	42815	6738-31-2030
<b>4D105</b>	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 61 30-32-2301/cyl.
<b>S4D105</b>	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. 1 ST=KEYSTONE
<b>4D105</b>	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
<b>6D105</b>	6490	Bulldozer	6	1 2 0	105	105X3X4.2 105X 2.5X4.5 105 X 5X 3.6	RN		FX	18530	6136-31-2010 6136-31-2030/cyl.
<b>S6D105</b>	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. 1 ST=KEYSTONE
<b>S6D105</b>	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. 1 ST=KEYSTONE

# Piston Ring Set for KOMATSU



Engine Type	CC	Vehicle Model Chassis Type	Cyl. No.	Position	Dia	(DXBXT)	Material	Surface Treatment	Set Type	RIK No.	O/E Part No.
<b>S6D105</b>	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. 1 ST=KEYSTONE
<b>6D108</b>		Bulldozer	6	1 2 0	108	108X2.43X4.3 108X2.5X4.4 108X4X2.5	RN RN		FM	18990	6221-31-2200
<b>SA6D110 6D110</b>	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. 1 ST=KEYSTONE
<b>S6D110</b>	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 1 ST=KEYSTONE
<b>6CT</b>			6	1 2 0	114	114X3.35X4.6 114X2.88X4.6 114X4X3.2	RN RN		FX		
<b>4D115</b>	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
<b>6D115</b>	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
<b>4D120</b>	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.
<b>S4D120 4D120</b>	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.
<b>6D125</b>	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.
<b>1D125</b>	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
<b>1D125</b>		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=KEYSTONE
<b>1D125</b>		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
<b>6D125</b>	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
<b>S4D130 4D130</b>	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.
<b>NRT06</b>	12170	Bulldozer	6	1 2 3 0	130.18	130.18X3.78X4.87 130.18X3.61X4.82 130.18X3.61X4.82 130.18X6.056X3.9	RN RN		FE	18310	6685-31-2020 6085-31-2030/cyl. 1st,2nd=KEYSTONE
<b>NH220</b>	12170	Bulldozer	6	1 2 3 0	130.18	130.18X3.78X4.87 130.18X3.61X4.82 130.18X3.61X4.82 130.18X6.056X3.9	RN RN RN RN		FO	18320	6620-31-2020 6620-31-2030/cyl. 1st,2nd=KEYSTONE
<b>NT-855</b>		Bulldozer	6	1 2 3 0	139.7	139.7 X 139.7X2.878X5.18 139.7X2.878X5.18 139.7 X4.75 X 3.96	RN RN RN		FX	18720	6710-31-2023 6710-31-2033/cyl. 1ST=KEYSTONE
<b>6D140</b>	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

# 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.
<b>6M140</b>	15200		6	1 2 0	140	140X2.4X5.4 140X2.4X 5.4 140X4X 3	RN RN		FM	18075	6212-31-2040  1ST=KEYSTONE
<b>S4D155</b>	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
<b>4D155</b>	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
<b>4D155</b>	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
<b>6D155</b>	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
<b>6D155</b>	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
<b>S6D155 SA6D155</b>	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=KEYSTONE
<b>6D170</b>		Bulldozer	6	1 2 0	170	170X3.7X6.7 170X3.55X6.6 170X4.75X4	RN RN RN		FX	64020	6162-33-2060

**Engine Valve/Guide/Seat For KOMATSU**



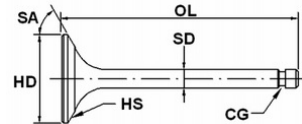
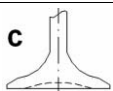
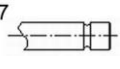
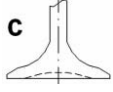
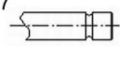
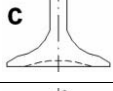

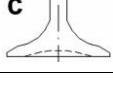
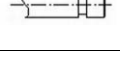
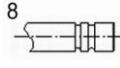
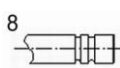
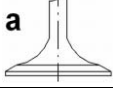
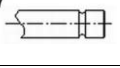
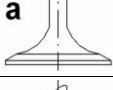
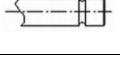
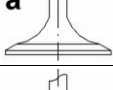

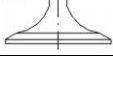
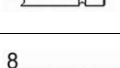
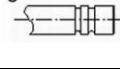
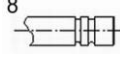
# Engine Valve for KOMATSU



Engine Code	Vehicle Model Chassis Type	O.E. Part NO.	IN EX						
				HD	OL	SD	SA	HS	CG
<b>4D92</b> <b>4D94</b>		6140-41-4111	IN	40.0	134.0	9.0	45°		
		6140-42-4210 6140-41-4211	EX	35.0	134.0	9.0	45°		
<b>4D95-1AA/1BB</b> <b>4D95-1K/1L</b> <b>4D95L-1GG/W/BW</b> <b>4D95L-E-2A</b> <b>4D95-L-W-1</b> <b>4D95S-1H/1J</b> <b>4D95S-W-1G-E</b> <b>6D95L-1</b> <b>6D95L-1AF-1</b> <b>S4D95LE-3A-2</b>	S=Turbo Charge Excavator:PC60-6,PC120-3,PC100/120-5,PC200-5,PC200-6 Bull-Dozer:D31E,S18,D31P,S20 Wheel Loader:WA180-1	6207-41-4110 6204-41-4110	IN	44.0	128.0	8.0	45°		
		6204-41-4210	EX	38.0	128.0	8.0	45°		
<b>S4D95L-1A/1B/1C</b> <b>S4D95L-1K</b> <b>S6D95L-1</b> <b>S6D95L-1MM</b> <b>S6D95L-1NN/1PP</b> <b>SA6D95L-1</b> <b>SA6D95LE-1A/1B/1C</b>	S=Turbo Charge A=After cooled Excavator:PC60-6,PC120-3,PC100/120-5,PC200-5,PC220-5,PC200-6,PC220-6 Bull-Dozer:D31E,S18,D31P,S20 Wheel Loader:WA180-1	6209-41-4110	IN	44.0	128.0	8.0	60°		
		6209-41-4210	EX	38.0	128.0	8.0	45°		
<b>S4D102E-1</b> <b>S6D102E-1AA</b> <b>S6D102E-1AB</b> <b>SA4D102E-1AB</b> <b>SA6D102E-1AA</b> <b>SA6D102E-1AB</b> <b>SA6D102E-1AC</b> <b>SAA4D102E-2B</b> <b>SAA6D102E-2</b>	S=Turbo Charge A=After cooled Excavator:PC100/120-6,PC200-6,PC220-6	6736-41-4110	IN						
		6736-41-4210	EX						
<b>4D105-3C</b> <b>S4D105-1</b> <b>S4D105-2</b> <b>S4D105-3</b>	Bull-Dozer:D40/45A,P,S-1	6130-41-4131 6131-42-4210 6130-41-4121	IN	46.0	150.5	10.0	45°		
		6130-41-4210	EX	40.0	150.5	10.0	45°		
<b>4D105-5H/5J/5T</b> <b>6D105-1</b> <b>S4D105-5A</b> <b>S4D105-5B</b> <b>S6D105-1</b>	Excavator:PC200/220-3 Bull-Dozer:D40/45A,P,S-1,D41A,P,S-3 Wheel Loader:WA200-1,WA250-1	6136-41-4110 6138-41-4110	IN	46.1	145.5	9.95	60°		
		6136-41-4210 6136-41-4211	EX	40.1	145.5	9.92	45°		
<b>SA6D108-1</b>	Excavator:PC300-5 Bull-Dozer:D57S 1B	6221-41-4110	IN	49.5	148.5	8.95	60°		
		6221-41-4211/10 Stem Chromed	EX	44.1	148.5	8.93	45°		

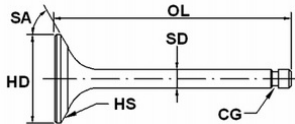
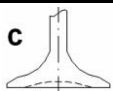
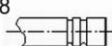
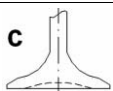

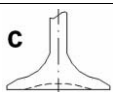

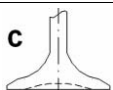

# Engine Valve for KOMATSU



Engine Code	Vehicle Model Chassis Type	O.E. Part NO.	IN EX						
				HD	OL	SD	SA	HS	CG
<b>S6D110-1</b> <b>SA6D110-1</b>	Excavator:PC280-3 Wheel Loader:WA350-1B,WA380-1,WA400-1	6138-42-4110	IN	47.0	148.5	9.0			
		6136-42-4211	EX	41.0	148.5	9.0			
<b>S4D120</b> <b>4D120</b>	Bull-Dozer:D55S-3 7240cc	6110-41-4110 6110-43-4110	IN	53.0	172.0	11.0	45°		
		6110-41-4210 6110-43-4210	EX	49.0	173.0	11.0	45°		
<b>6D125-1</b> <b>S6D125-1</b> <b>SA6D125-1</b>	S=Turbo Charge A=After cooled Bull Dozer : D75A-1/S5 , D65EX/PX-12, D83,D85 Excavator : PC300	6150-41-4111	IN	45.0	169.5	9.0	60°		
		6150-41-4210	EX	44.0	169.5	9.0	45°		
<b>6D125E-2</b> <b>S6D125E-2</b> <b>SA6D125E-2</b> <b>SA6D125E-3B-7</b> <b>SAA6D125E-3</b>		6150-42-4110	IN						
		6150-42-4210	EX						
<b>4D130-1</b>	Bull-Dozer:D53A-16,D53S-17, D57S-1 8490cc(4cyls.)	6114-41-4110	IN	53.0	172.0	11.0	45°		
		6114-41-4210	EX	49.0	173.0	11.0	45°		
<b>S6D140-1</b> <b>SA12V140-1</b> <b>SA6D140-1</b> <b>SDA12V140-1</b>	Excavator:PC650-3,PC750-5/6, PC1600-1 Bull-Dozer:D135A-2,D155AX-3, D465A-2,D4751-3 Wheel Loader:WA500-1, WA800-2	6215-41-4110 Nitrided	IN	52.0	169.3	9.95	60°		
		6215-41-4212	EX	49.65	169.3	9.90	60°		
<b>4D155</b> <b>6D155</b> <b>S6D155-4</b> <b>SA6D155-4</b>	Bull-Dozer:D150,D155A-1, D155S-1,D355A-1 19260cc(6 cyls.)	6127-41-4112 6127-41-4113 Stem Chromed	IN	56.0	212.5	10.9	60°		
		6127-41-4214 6127-41-4212	EX	52.9	212.5	10.9	45°		
<b>SA6D170-1</b> <b>SA8V170-1</b> <b>SA12V170-1</b>	Bull-Dozer:D375A-1 Wheel Loader:WA600	6162-43-4110	IN	57.0	196.5	12.0	60°		
		6162-43-4210 6164-41-4210 6164-41-4211	EX	56.0	196.5	12.0	45°		

# Engine Valve for KOMATSU



Engine Code	Vehicle Model Chassis Type	O.E. Part NO.	IN EX						
				HD	OL	SD	SA	HS	CG
<b>NH220-C1</b>	Bull-Dozer:D80A-12,D85A-12 12170cc(6 cyls.)	6610-41-4110	IN	44.2	179.3	10.2	60°		
		6610-41-4210	EX	44.2	179.3	10.2	60°		
<b>NH250 NT855-1 NTA855-1</b>	Bull-Dozer:D80A,E18,D85A,E18	6712-41-4110	IN	47.6	179.5	11.5	60°		
		6710-41-4210	EX	47.6	179.5	11.5	60°		



# Valve Guide for KOMATSU



Engine Code	Vehicle Model Chassis Type	O.E. Part NO.	Inlet Exhaust	Remark
<b>2D92 . 4D92</b>	D20A . D21A	6140-19-1310		
<b>4D94 . 6D94</b>		6142-19-1310		
<b>4D95-1AA/1BB 4D95-1K/1L 4D95L-1GG/W/BW 4D95L-E-2A 4D95-L-W-1 4D95S-1H/1J 4D95S-W-1G-E 6D95L-1 6D95L-1AF-1 S4D95LE-3A-2 S4D95L-1A/1B/1C S4D95L-1K S6D95L-1 S6D95L-1MM S6D95L-1NN/1PP SA6D95L-1 SA6D95LE-1A/1B/1C</b>	S=Turbo Charge A=After cooled Excavator:PC60-6,PC120-3,PC100, PC120-5,PC200-5,PC220-5, PC200-6,PC220-6 Bull-Dozer:D31E,S18,D31P,S20 Wheel Loader:WA180-1	6204-19-1310 (6204-19-1311) (6204-19-1312)	IN & EX	Suit for the valve: 6207-41-4110(IN) 6204-41-4110(IN) 6209-41-4110(IN) 6204-41-4210(EX) 6209-41-4210(EX)
<b>S4D102E-1 S6D102E-1AA S6D102E-1AB SA4D102E-1AB SA6D102E-1AA SA6D102E-1AB SA6D102E-1AC SAA4D102E-2B SAA6D102E-2</b>	S=Turbo Charge A=After cooled Excavator:PC100/120-6,PC200-6, PC220-6	6736-19-1310 (Thick Wall)	IN	Suit for the valve: 6736-41-4110
		6736-19-1410 (Thick Wall) 6736-18-1310 (Thin Wall)	EX	Suit for the valve: 6736-41-4210
<b>4D105-3C S4D105-1 S4D105-2 S4D105-3</b>	Excavator:PC200/220-3 Bull-Dozer:D40/45A,P,S-1,D41A,P,S-3 Wheel Loader:WA200-1,WA250-1	6130-19-1310	IN & EX	Suit for the valve: 6130-41-4131 6131-42-4210 6130-41-4210(EX)
<b>4D105-5H/5J/5T 6D105-1 S4D105-5A S4D105-5B S6D105-1</b>	Excavator:PC200/220-3 Bull-Dozer:D40/45A,P,S-1,D41A,P,S-3 Wheel Loader:WA200-1, WA250-1	6136-19-1331	IN & EX	Suit for the valve: 6136-41-4110(IN) 6136-41-4210 6136-41-4211
<b>4D105-5H/5T 6D105-1 S6D105-1</b>	Excavator:PC200/220-3 Bull-Dozer:D40/45A,P,S-1,D41A,P,S-3 Wheel Loader:WA200-1, WA250-1	6136-19-1430	IN & EX	Suit for the valve: 6136-42-4110(IN) 6136-42-4211
<b>S6D108-1 SA6D108-1 SAA6D108E-2A</b>	Excavator:PC300-5 Bull-Dozer:D57S 1B	6221-19-1311	IN & EX	Suit for the valve: 6221-41-4110(IN) 6211-41-4110(IN) 6221-43-4110(IN) 6221-41-4211/10 6211-41-4211 6221-43-4210
<b>S6D110-1 SA6D110-1</b>	Excavator:PC280-3 Wheel Loader:WA350-1B,WA380-1, WA400-1	6136-19-1430	IN & EX	Suit for the valve: 6138-42-4110(IN) 6136-42-4211
<b>S4D120 4D120</b>	Bull-Dozer:D55S-3 7240cc	6110-13-1311	IN & EX	Suit for the valve: 6110-41-4110 6110-43-4110(IN) 6110-41-4210 6110-43-4210(EX)

# Valve Guide for KOMATSU



Engine Code	Vehicle Model Chassis Type	O.E. Part NO.	Inlet Exhaust	Remark
<b>6D125-1</b> <b>S6D125-1</b> <b>SA6D125-1</b>	S=Turbo Charge A=After cooled Bull Dozer : D75A-1/S5 , D65EX/PX-12, D83,D85 Excavator : PC300	6150-12-1341	IN	Suit for the valve: 6150-41-4111(IN) 6150-41-4210
		6150-12-1351	EX	
<b>4D130-1</b>	Bull-Dozer:D53A-16,D53S-17.D57S-1 8490cc(4cyls.)	6110-13-1311	IN & EX	Suit for the valve: 6114-41-4110(IN) 6114-41-4210
<b>S6D140-1</b> <b>SA12V140-1</b> <b>SA6D140-1</b> <b>SDA12V140-1</b>	Excavator:PC650-3,PC750-5/6,PC1600-1 Bull-Dozer:D135A-2,D155AX-3, D465A-2,D4751-3	6212-16-1440	IN & EX	Suit for the valve: 6215-41-4110(IN) 6215-41-4212
<b>4D155</b> <b>6D155</b> <b>S6D155-4</b> <b>SA6D155-4</b>	Bull-Dozer:D150,D155A-1,D155S-1, D355A-1 19260cc(6 cyls.)	6127-11-1341	IN & EX	Suit for the valve: 6127-41-4112(IN) 6127-41-4113(IN) 6127-41-4214 6127-41-4212
<b>SA6D170-1</b> <b>SA8V170-1</b> <b>SA12V170-1</b>	Bull-Dozer:D375A-1 Wheel Loader:WA600	6162-16-1341	IN & EX	Suit for the valve: 6162-43-4110(IN) 6162-43-4210 6164-41-4210 6164-41-4211
<b>6D170</b>	Bull-Dozer:D375A-1 Wheel Loader:WA600	6062-13-1341(OLD)	IN & EX	
<b>NH220-C1</b>	Bull-Dozer:D80A-12,D85A-12 12170cc(6 cyls.)	6610-11-1310 6610-11-1311	IN & EX	Suit for the valve: 6610-41-4210(EX)
<b>NH250</b> <b>NT855-1</b> <b>NTA855-1</b>	Bull-Dozer:D80A,E18,D85A,E18	6710-11-1311	IN & EX	Suit for the valve: 6712-41-4110(IN) 6710-41-4210(EX)

# Valve Seat for KOMATSU



Engine Code	Vehicle Model Chassis Type	O.E. Part NO.	Inlet Exhaust	Remark
<b>4D95-1AA/1BB</b> <b>4D95-1K/1L</b> <b>4D95L-1GG/W/BW</b> <b>4D95L-E-2A</b> <b>4D95-L-W-1</b> <b>4D95S-1H/1J</b> <b>4D95S-W-1G-E</b> <b>6D95L-1</b> <b>6D95L-1AF-1</b> <b>S4D95LE-3A-2</b>	S=Turbo Charge Excavator:PC60-6,PC120-3,PC100, PC120-5,PC200-5,PC200-6 Bull-Dozer:D31E,S18,D31P,S20 Wheel Loader:WA180-1	6207-11-1430	IN	Suit for the valve: 6207-41-4110 6204-41-4110
		6204-11-1440	EX	Suit for the valve: 6204-41-4210
<b>S4D95L-1A/1B/1C</b> <b>S4D95L-1K</b> <b>S6D95L-1</b> <b>S6D95L-1MM</b> <b>S6D95L-1NN/1PP</b> <b>SA6D95L-1</b> <b>SA6D95LE-1A/1B/1C</b>	S=Turbo Charge A=After cooled Excavator:PC60-6,PC120-3,PC100, PC120-5,PC200-5,PC220-5, PC200-6,PC220-6 Bull-Dozer:D31E,S18,D31P,S20 Wheel Loader:WA180-1	6209-11-1430	IN	Suit for the valve: 6209-41-4110
		6207-11-1440	EX	Suit for the valve: 6209-41-4210
<b>S4D102E-1</b> <b>S6D102E-1AA</b> <b>S6D102E-1AB</b> <b>SA4D102E-1AB</b> <b>SA6D102E-1AA</b> <b>SA6D102E-1AB</b> <b>SA6D102E-1AC</b> <b>SAA4D102E-2B</b> <b>SAA6D102E-2</b>	S=Turbo Charge A=After cooled Excavator:PC100/120-6,PC200-6 ,PC220-6	6732-11-1180	IN	Suit for the valve: 6736-41-4110
		6732-11-1170	EX	Suit for the valve: 6736-41-4210
<b>4D105-3C</b> <b>S4D105-1</b> <b>S4D105-2</b> <b>S4D105-3</b>	Bull-Dozer:D40/45A,P,S-1	6131-12-1310	IN	Suit for the valve: 6130-41-4131 6131-42-4210
		6130-11-1323	EX	6130-41-4210(EX)
<b>4D105-5H/5J/5T</b> <b>6D105-1</b> <b>S4D105-5A</b> <b>S4D105-5B</b> <b>S6D105-1</b>	Excavator:PC200/220-3 Bull-Dozer:D40/45A,P,S-1,D41A,P,S-3 Wheel Loader:WA200-1,WA250-1	6136-11-1311	IN	Suit for the valve: 6136-41-4110(IN) 6136-41-4210
		6134-11-1320	EX	6136-41-4211
<b>4D105-5H/5T</b> <b>6D105-1</b> <b>S6D105-1</b>	Excavator:PC300-5 Bull-Dozer:D57S 1B	6136-12-1310	IN	Suit for the valve: 6136-42-4110(IN) 6136-42-4211
		6136-12-1320	EX	6136-42-4211
<b>S6D108-1</b> <b>SA6D108-1</b> <b>SAA6D108E-2A</b>	Excavator:PC300-5 Bull-Dozer:D57S 1B	6221-13-1360	IN	Suit for the valve: 6221-41-4110(IN) 6211-41-4110(IN) 6221-43-4110(IN) 6221-41-4211/10
		6221-11-1320	EX	6211-41-4211 6221-43-4210
<b>S6D110-1</b> <b>SA6D110-1</b>	Excavator:PC280-3 Wheel Loader:WA350-1B, WA380-1,WA400-1	6138-12-1310	IN	Suit for the valve: 6138-42-4110(IN) 6136-42-4211
		6136-12-1320	EX	6136-42-4211
<b>6D125-1</b> <b>S6D125-1</b> <b>SA6D125-1</b>	S=Turbo Charge A=After cooled Bull Dozer : D75A-1/S5 , D65EX/PX- 12, D83,D85 Excavator : PC300	6151-11-1330	IN	Suit for the valve: 6150-41-4111(IN) 6150-41-4210
		6150-11-1320	EX	6150-41-4210
<b>4D130-1</b>	Bull-Dozer:D53A-16,D53S-17.D57S-1 8490cc(4cyls.)	6114-11-1180	IN	Suit for the valve: 6114-41-4110(IN) 6114-41-4210
		6110-13-1311	EX	6114-41-4210

# Valve Seat for KOMATSU



Engine Code	Vehicle Model Chassis Type	O.E. Part NO.	Inlet Exhaust	Remark
<b>S6D140-1</b> <b>SA12V140-1</b> <b>SA6D140-1</b> <b>SDA12V140-1</b>	Excavator:PC650-3,PC750-5/6,PC1600-1 Bull-Dozer:D135A-2,D155AX-3,D465A-2,D4751-3 Wheel Loader:WA500-1,WA800-2	6210-11-1330	IN	Suit for the valve: 6215-41-4110(IN) 6215-41-4212
		6210-11-1321	EX	
<b>4D155</b> <b>6D155</b> <b>S6D155-4</b> <b>SA6D155-4</b>	Bull-Dozer:D150,D155A-1,D155S-1,D355A-1 19260cc(6 cyls.)	6127-11-1335	IN	Suit for the valve: 6127-41-4112(IN) 6127-41-4113(IN) 6127-41-4214 6127-41-4212
		6127-11-1325	EX	
<b>SA6D170-1</b> <b>SA8V170-1</b> <b>SA12V170-1</b>	Bull-Dozer:D375A-1 Wheel Loader:WA600	6162-15-1370	IN	Suit for the valve: 6162-43-4110(IN) 6162-43-4210 6164-41-4210 6164-41-4211
		6162-13-1322	EX	
<b>NH220-C1</b>	Bull-Dozer:D80A-12,D85A-12 12170cc(6 cyls.)			Suit for the valve: 6610-41-4210(EX)
		6610-11-1220	EX	
<b>NH250</b> <b>NT855-1</b> <b>NTA855-1</b>	Bull-Dozer:D80A,E18,D85A,E18	6711-11-1120	IN	Suit for the valve: 6712-41-4110(IN) 6710-41-4210(EX)
		6710-11-1120	EX	



**S6D155**  
Valve Spring  
6127-41-4410

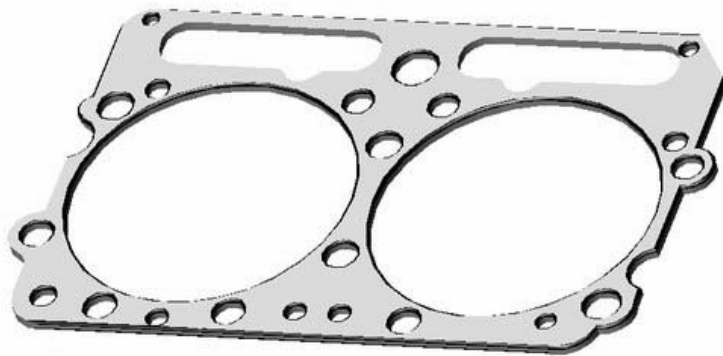


**S6D110**  
Valve Spring  
6136-42-4410





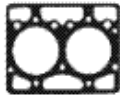






**S6D105**  
Valve Spring  
6136-41-4410

**Gasket Set For KOMATSU**












# Gasket & Full Set for KOMATSU



Engine	Description	Full Set	Head Set	Cylinder Head Gasket
<b>2D92</b>	TRACTOR	<b>400010</b> 6141-K1-8000 + 6141-K2-8000	<b>410010</b> 6141-K1-8000	<b>42001</b> 6141-12-1810 
<b>4D92</b>	TRACTOR	<b>400050</b> 6141-K1-8000 + 6141-K2-8000	<b>410050</b> 6141-K1-8000	<b>42005</b> 6141-11-1813 
<b>2D94</b>	TRACTOR	<b>400020</b> 6142-K1-1200 + 6142-K2-1200	<b>410020</b> 6142-K1-1200	<b>42002</b> 6142-12-1810 
<b>3D94</b>	3D94	<b>400030</b> 6143-K1-8000 + 6143-K2-8000	<b>410030</b> 6143-K1-8000	<b>42003</b> 6143-11-1810 
<b>4D94</b>	TRACTOR	<b>400060</b> 6144-K1-0501 + 6144-K2-0501	<b>410060</b> 6144-K1-0501	<b>42006</b> 6144-11-1810 6143-11-1811 
<b>3D95</b>	3D95	<b>400040</b> 6201-K1-2000 + 6201-K2-2000	<b>410040</b> 6201-K1-2000	<b>42004</b> 6201-11-1810 φ96.0 
<b>4D95</b>	TRACTOR	<b>400080</b> 6205-K1-2100 + 6205-K2-2100	<b>410080</b> 6205-K1-2100	<b>42008</b> 6204-11-181? φ96.5 
<b>4D95</b>	TRACTOR (G)	<b>400070</b> 6204-K1-2100 + 6204-K2-2100	<b>410070</b> 6204-K1-2100	<b>42007</b> 6204-11-1810 6204-11-1830 φ96.5 
<b>4D95L</b>	TRACTOR	<b>400220</b> 6202-K1-1000 + 6202-K2-1100	<b>410220</b> 6202-K1-1000	<b>42022</b> 6202-10-1830 

# Gasket & Full Set for KOMATSU








Engine	Description	Full Set	Head Set	Cylinder Head Gasket
<b>6D95</b>	TRACTOR	<b>400090</b> 6207-K1-2100 + 6207-K2-2100	<b>410090</b> 6207-K1-2100	<b>42009</b> 6205-12-1812 6206-11-1821 φ96.5 
<b>6D95</b>	TRACTOR	<b>400100</b> 6206-K1-2100 + 6206-K2-2100	<b>410100</b> 6206-K1-2100	<b>42010</b> 6206-11-1810 φ96.5 
<b>6D95</b>	TRACTOR	<b>400110</b> 6207-K1-2002/2004 + 6207-K2-2002/2004	<b>410110</b> 6207-K1-2002/2004	<b>42011</b> 6206-11-1830 
<b>6D95</b>	TRACTOR	<b>400111</b> 6207-K1-9901 + 6207-K2-9901	<b>410111</b> 6207-K1-9901	<b>42011</b> 
<b>6D102</b>	TRACTOR	<b>400250</b> 6735-K1-1110 + 6735-K2-1110	<b>410250</b> 6735-K1-1110	<b>42025</b> 6735-11-1812 
<b>4D105-1</b>	TRACTOR	<b>400120</b> 6130-K1-2001 + 6130-K2-2001	<b>410120</b> 6130-K1-2001	<b>42012</b> 6131-11-1811 φ113.0 
<b>4D105-3</b>	TRACTOR	<b>400121</b> 6131-K1-4000 + 6131-K2-4000	<b>410121</b> 6131-K1-4000	<b>42012</b> 
<b>4D105-5</b>	TRACTOR	<b>400130</b> 6134-K1-5000 + 6134-K2-5000	<b>410130</b> 6134-K1-5000	<b>42013</b> 6134-11-1810 φ113.0 
<b>6D105</b>	6D105	<b>400140</b> 6137-K1-3012 + 6137-K2-3005	<b>410140</b> 6137-K1-3012	<b>42014</b> 6137-11-1810 6136-11-1821 φ113.0 




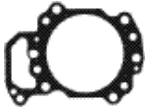


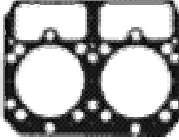

# Gasket & Full Set for KOMATSU



Engine	Description	Full Set	Head Set	Cylinder Head Gasket
6D108	6D108	<b>400150</b> 6221-K1-3000 + 6221-K2-3000	<b>410150</b> 6221-K1-3000	<b>42015</b> 6221-17-1811 
6D108	6D108	<b>400151</b> 6222-K1-3001 + 6222-K2-3001	<b>410151</b> 6222-K1-3001	<b>42015</b> ▲
6D108	6D108	<b>400152</b> 6222-K1-9900 + 6222-K2-9900	<b>410152</b> 6222-K1-9900	<b>42015</b> ▲
6D110	6D110	<b>400160</b> 6138-K1-0102 + 6138-K2-0102	<b>410160</b> 6138-K1-0102	<b>42016</b> 6138-19-1811 
6D110	TRACTOR	<b>400161</b> 6138-K1-9901 + 6138-K2-9901	<b>410161</b> 6138-K1-9901	<b>42016</b> ▲
6D110	TRACTOR	<b>400250</b> 6136-K1-9901 + 6136-K2-9901	<b>410250</b> 6136-K1-9901	<b>42025</b> 6137-12-1811 
4D120	TRACTOR	<b>400230</b> 6110-K1-0001 + 6110-K2-0005	<b>410230</b> 6110-K1-0001	<b>42023</b> 6110-13-1811 
6D125	TRACTOR PC300	<b>400170</b> 6151-K1-3000 + 6151-K2-3000	<b>410170</b> 6151-K1-3000	<b>42017</b> 6150-17-1812 6pcs/SET 
6D125	TRACTOR PC300	<b>400171</b> 6151-K1-5000 + 6151-K2-5000	<b>410171</b> 6151-K1-5000	<b>42017</b> ▲

# Gasket & Full Set for KOMATSU



Engine	Description	Full Set	Head Set	Cylinder Head Gasket
<b>6D125</b>	TRACTOR PC400-3 24V	<b>400180</b> 6155-K1-9900 + 6155-K2-9900	<b>410180</b> 6155-K1-9900	<b>42018</b> 6151-17-1853 6151-12-1810 6pcs/SET 
<b>6D125</b>	TRACTOR	<b>400260</b> 6151-K1-9901 + 6151-K2-9901	<b>410260</b> 6151-K1-9901	<b>42026</b> 6150-17-1813 6pcs/SET 
<b>4D130</b>	TRACTOR	<b>400240</b> 6114-K1-2101 + 6114-K2-2003	<b>410240</b> 6114-K1-2101	<b>42024</b> 6114-11-1811 
<b>6D140</b>	TRACTOR	<b>400190</b> 6211-K1-0100 + 6211-K2-0102	<b>410190</b> 6211-K1-0100	<b>42019</b> 6210-17-1813 6pcs/SET 
<b>6D140</b>	TRACTOR	<b>400191</b> 6212-K1-9901 + 6212-K2-9901	<b>410191</b> 6212-K1-9901	<b>42019</b> ▲
<b>6D155</b>	TRACTOR	<b>400200</b> 6128-K1-0024 + 6128-K2-1025 6128-K2-1037	<b>410200</b> 6128-K1-0024	<b>42020</b> 6127-11-1817 6127-11-1087 3pcs/SET 
<b>6D155</b>	TRACTOR	<b>400201</b> 6128-K1-9901 + 6128-K2-9901	<b>410201</b> 6128-K1-9901	<b>42020</b> ▲
<b>6D170</b>	TRACTOR	<b>400210</b> 6162-K1-5000 + 6162-K2-5000	<b>410210</b> 6162-K1-5000	<b>42021</b> 6162-13-1812 6pcs/SET 

## Engine Bearing For KOMATSU



# Engine Bearing for KOMATSU



ENGINE CODE	No. Of Cyl.	c.c.	Bore & Stroke	Main Bearing Set	Thrust Washer Set	Con-Rod Bearing Set	Camshaft Bearing Set	Piston Pin Balancer, Pump Driveshaft Bushing Set
				O/E No.	O/E No.	O/E No.	O/E No.	O/E No.
<b>2D92</b> <b>2D92-1</b>	2	1300	92X98	<b>M862K</b> 6140-21-8010 6140-21-8020	<b>T856L</b> 6140-21-8050	<b>R862K</b> 6140-31-3040 6140-31-3410		<b>P862L</b> 6140-31-3131
<b>2D94-1</b> <b>2D94-2</b>	2	1470	94X102	6141-21-8010 6142-21-8010				
<b>3D94-2</b>	3	2210	94X102	<b>M863K</b> 6141-21-8010 6142-21-8010	<b>T856L</b> 6140-219-8050	<b>R863K</b> 6140-31-3040 6140-31-3410	<b>C856L1</b> 6142-22-1410.NO.1 6142-22-1420.NO.2 6142-22-1430.NO.3	<b>P863L</b> 6140-31-3131
<b>3D95S-W-1</b>	3	2020	95X95	<b>M886K</b> 6201-21-8010	<b>T888L</b> 6204-21-8050	<b>R886K</b> 6204-31-3400	<b>C888L</b> 6204-21-1410 NO.1-3	<b>P886L</b> 6204-31-3130
<b>4D92</b> <b>4D92-1</b>	4	2610	92X98	<b>M856K</b> 6140-21-8000 6140-21-8010 6140-21-8020 6141-21-8000 6141-21-8010	<b>T856L</b> 6140-21-8050	<b>R856K</b> 6140-31-3040 6140-31-3410	<b>C856L1</b> 6142-22-1410(1) 6142-22-1420(2) 6142-22-1430(3)	<b>P856L</b> 6140-31-3131
<b>4D94</b>	4	2940	94X106	<b>M857K</b> 6142-22-8010 6144-21-8010				
<b>4D95L-W-1</b> <b>4D95S-W-1</b>	4 4	3260 2690	95X119 95X95	<b>M888K</b> 6204-21-8010	<b>T888L</b> 6204-21-8500	<b>R888K</b> 6204-31-3410 6204-31-3400	<b>C888L</b> 6204-21-1410 NO.1-3	<b>P888L</b> 6201-31-3130
<b>6D95L-1</b> <b>S6D95L-1</b>	6	4890	95X115	<b>M890K</b> 9204-21-8100	<b>T888L</b> 6204-21-8050	<b>R890K</b> 6204-31-3400 6204-31-3410 6207-31-3300 R891K 6207-31-3600	<b>C890L</b> 6204-21-1410 NO.1 6204-21-1420 NO.2-4	<b>P890L</b> 6204-31-3130 P891L 6206-31-3150
<b>4D105-5</b> <b>S4D105-5(T)</b>	4	4330	105X125	<b>M859K</b> 6134-21-8000 6134-21-8010 <b>M860A</b> 6134-22-8000 6136-22-8010	<b>T865K</b> 6134-21-8050 6136-21-8060	<b>R859K</b> 6136-31-3040 6136-31-3410 <b>R860K</b> 6138-31-3040 6138-31-3410	<b>C859L</b> 6136-21-1410 NO.1-3	<b>P859L</b> 6136-31-3130

# Engine Bearing for KOMATSU



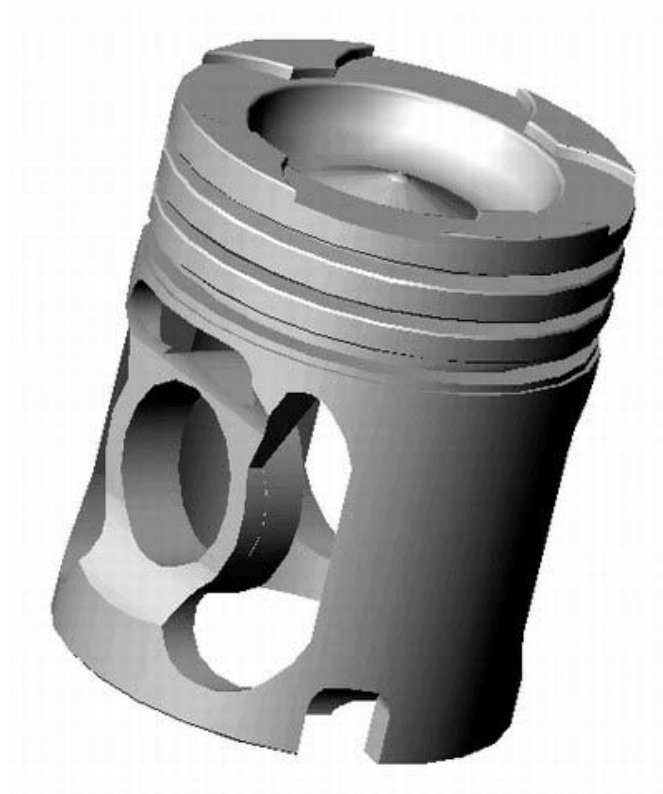
ENGINE CODE	No. Of Cyl.	c.c.	Bore & Stroke	Main Bearing Set	Thrust Washer Set	Con-Rod Bearing Set	Camshaft Bearing Set	Piston Pin Balancer, Pump Driveshaft Bushing Set
				O/E No.	O/E No.	O/E No.	O/E No.	O/E No.
<b>4D120-11</b> <b>S4D120-11</b> <b>4D130-1</b> <b>S4D130-1</b> <b>S4D130-1(T)</b>	4	7240	120X160	<b>M852K</b> 6110-20-8070 6110-20-8010 6110-20-8011 6110-20-8400(R) 6110-20-8800(F) 6110-20-8900(I) 6114-20-8010 6112-23-8070 6112-23-8000 6112-23-8400(R) 6112-23-8800(F) 6112-23-8900(I)		<b>R852K</b> 6110-31-3414 6110-31-3400 6110-30-3500 6112-30-3500 6112-30-3410 6112-33-3410 6114-30-3500 6114-31-3400 6114-31-3410		
<b>4D155-4</b> <b>S4D155-4</b>	4	12840	155X170	<b>M875K</b> 6125-21-8081 6125-21-8071 6125-21-8070 6125-21-8000 6127-21-8011 6127-21-8022		<b>R875K</b> 6127-31-3042 6127-31-3040		<b>PP878LX4</b> 6127-31-3131 6127-31-3130
<b>6D105-1</b> <b>S6D105-1</b> <b>S6D105-1(T)</b> <b>6D110-1</b> <b>S6D110-1(T)</b> <b>SA6D110-1(T)</b>	6 6	6490 7130	105X125 110X125	<b>M865K</b> 6136-21-8000 6136-21-8010  <b>M866A</b> 6136-22-8000 6136-22-8010	<b>T865L</b> 6136-21-8050	<b>R865K</b> 6136-31-3040 6136-21-3040 6136-31-3410  <b>R868A</b> 6136-32-3040  <b>R866K</b> 6138-31-3040	<b>C865L</b> 6136-21-1400 NO.1-4	<b>P866L</b> 6136-31-3130  <b>P865L</b> 6136-32-3130
<b>6D125-1</b> <b>S6D125-1(T)</b> <b>SA6D125-1(T.A)</b>	6	11040	125X150	<b>M892K</b> 6150-21-8000 6150-21-8010	<b>T892L</b> 6150-21-8050	<b>R892K</b> 6150-31-3040 6150-31-3440  <b>R893K</b> 6151-31-3040	<b>C892L</b> 6150-21-1490 NO.1-7	<b>P892L</b> 6150-31-3130
<b>S6D140-1(T)</b> <b>SA6D140-1(T.A)</b>	6	15200	140X165	<b>M895K</b> 6210-21-8000 6210-21-8010	<b>T895L</b> 6210-21-8050	<b>R895K</b> 6210-31-3040 6210-31-3041		

# Engine Bearing for KOMATSU



ENGINE CODE	No. Of Cyl.	c.c.	Bore & Stroke	Main Bearing Set	Thrust Washer Set	Con-Rod Bearing Set	Camshaft Bearing Set	Piston Pin Balancer, Pump Driveshaft Bushing Set
				O/E No.	O/E No.	O/E No.	O/E No.	O/E No.
<b>6D155-4</b> <b>S6D155-4</b> <b>S6D155-4(T)</b> <b>S6D155-4(T.A)</b> <b>SA6D155-4</b> <b>SA6D155-4(T.A)</b>	6	19260	155X170	<b>M878K</b> 6127-21-8071 6127-21-8002 6127-21-8001 6127-21-8011 6127-21-8022		<b>R878K</b> 6127-31-3042 6127-21-3041	<b>C878L</b> 6127-21-1410 NO.1 6127-21-1420 NO.2-6	<b>PP878LX6</b> 6127-31-3131 6127-31-3130 <b>B878L</b> 6127-21-1490
<b>S6D170-1(T)</b> <b>SA6D170-1(T.A)</b>	6	23150	171X170	<b>M897K</b> 6162-23-8000 6162-23-8010		<b>R897K</b> 6162-33-3040	<b>C897L</b> 6162-23-1490 NO.1-7	<b>P897L</b> 6162-33-3130
<b>NH220-B</b> <b>NH220-B1</b> <b>NH-220-C1</b> <b>(6D130)</b> <b>NTC-743-B</b> <b>NTC-743-B(T)</b> <b>NTC-743-C</b> <b>NTC-743-C(T)</b>	6	12170	130.2X 152.4	<b>M880K</b> 6610-21-8070 6610-21-8010 6610-21-8020(F) 6610-21-8030(I) 6610-21-8040(R)	<b>TP880AX2</b> 6610-21-8051 6610-21-8060	<b>R880K</b> 6610-31-3040 6610-31-3041	<b>C880L</b> 6610-21-1040 6610-21-1410 NO.1 6610-21-1420 NO.2-7	<b>P880L</b> 6610-31-3120 6620-31-3120
<b>NRTO-6-B</b> <b>NRTO-6-C1</b> <b>NTO-6-B</b> <b>NTO-6-B(T)</b>	6	12170	130.2X 152.4	<b>M880K</b> 6610-21-8070 6610-21-8010 6610-21-8020(F) 6610-21-8030(I) 6610-21-8040(R)	<b>TP880AX2</b> 6610-21-8051 6610-21-8050	<b>R880K</b> 6610-31-3040 6610-31-3041	<b>C880L</b> 6610-21-1040 6610-21-1410 NO.1 6610-21-1420 NO.2-7	
<b>N855C</b> <b>NT855C(T)</b> <b>NTA855</b> <b>NTA855C</b> <b>NTA855C(T.A)</b>	6	14140	139.7X 152.4	<b>M880K</b> 6710-21-8000 6710-21-8070 6710-21-8010(F) 6710-21-8020(I) 6710-21-8030(R)	<b>TP880AX2</b> 6710-21-8050	<b>R881K</b> 6710-31-3041	<b>C880L</b> 6610-21-1040 6610-21-1410 NO.1 6610-21-1420 NO.2-7	<b>P881L</b> 6710-31-3120

## Iron Piston For KOMATSU





Oil Gallery

**S6D125**  
6151-31-2112  
Total Height 122.3mm, Combustion Chamber 75mm, Weight 2700g



Oil Gallery

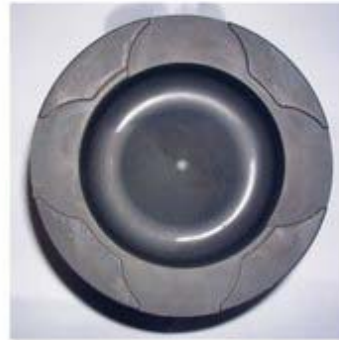
**S6D125**  
6151-31-2511  
Total Height 117.3mm, Combustion Chamber 75mm, Weight 2500g



Oil Gallery

**S6D125-E2, SA6D125-E2, SAA6D125E-3**  
6152-32-2510  
Total Height 117.3mm, Combustion Chamber 63mm, Weight 2750g





*Oil Gallery*

**S6D140**  
6211-31-2111  
Total Height 130.2mm, Combustion Chamber 92mm



*Oil Gallery*

**S6D140**  
6212-31-2151  
Total Height 125.2mm, Combustion Chamber 78mm



*Oil Gallery*

**SA6D140-1, SA12V140-1**  
6212-31-2170  
Total Height 125.2mm, Combustion Chamber 92mm

**IRON PISTON FOR KOMATSU S6D170** All Pistons With Nitriding Heat-Treatment



*Oil Gallery*

**S6D170-1, SAA6D170E-2A, SA12V170-1**  
6162-35-2120  
Total Height 176.0mm, Combustion Chamber 118mm

**KOMATSU**



SA6D108  
PC300-6  
OEM No.  
EIC#7101



S6D108  
PC300-5  
OEM No.  
EIC#7102



S6D125  
PC400-5 ,PC300-3  
OEM No.  
EIC#7103



S6D95L  
PC200-6  
OEM No.  
EIC#7104



S6D105  
PC200-3  
OEM No.  
EIC#7105



S6D96L-1U  
PC200-5  
PC120-3  
OEM No.  
EIC#7106



4D95L-1K  
PC60-5  
PC40-5  
OEM No.  
EIC#7107



3D84-1G  
PC30-5  
OEM No.  
EIC#7108



SA6D125  
PC400-6  
OEM No.  
EIC#7109



S6D95L-1MM  
PC200-6(3 ver.)  
America  
OEM No.  
EIC#7110



6D95L-1AA  
D31-18  
OEM No.  
EIC#7201



4D105-5  
D31-17  
OEM No.  
EIC#7202



4D105-3  
D31-16  
OEM No.  
EIC#7203



4D105  
D30-15  
OEM No.  
EIC#7204



4D94  
D20-5  
PC40-3  
OEM No.  
EIC#7205

**KOMATSU**



**4D92  
D20-3  
OEM No.  
EIC#7206**



**4D95L  
D20-6  
OEM No.  
EIC#7207**



**S6D110  
WA540  
OEM No.  
EIC#7208**



**S6D105  
PC220-6  
WA530  
OEM No.  
EIC#7209**



**S6D105  
PC220-3  
OEM No.  
EIC#7210**



**S4D105  
D40  
OEM No.  
EIC#7211**



**SA6D140-1A  
WA500  
OEM No.  
EIC#7212**

**YANMAR**



**4D95S  
Forklift type 11  
OEM No.  
EIC#7301**



**4D94E  
Forklift Type 12  
OEM No.  
EIC#7302**



**3TN-100  
OEM No.  
EIC#7401**



**3TN-84  
OEM No.  
EIC#7402**



**3T84  
OEM No.  
EIC#7403**



**4D84, 4TN84  
Pc45  
PC40-7  
OEM No.  
EIC#7404**



**3TN68  
OEM No.  
EIC#7405**

**YANMAR**



**3TNA-68**  
OEM No.  
EIC#7406

**3TNE68**  
OEM No.  
EIC#7407

**S4TNE-88 B1**  
OEM No.  
EIC#7408

**3TN66,3TN68SJ**  
OEM No.  
EIC#7409

**CUMMINS**



**Cummins  
One Groove**  
OEM No.  
EIC#7501



**Cummins  
2 Groove**  
OEM No.  
EIC#7502



**Cummins  
60-3  
60-6**  
OEM No.  
EIC#7503



**Cummins  
V8-65CV**  
OEM No.  
EIC#7504



**Cummins  
6CTA83  
Kawasaki**  
OEM No.  
EIC#7505

**PERKINS**



**Perkins  
Ford  
Skid-Steer-Loader**  
OEM No.  
EIC#7506



**Daewoo  
340 Trailer**  
OEM No.  
EIC#7601



**Daewoo  
340 Bus**  
OEM No.  
EIC#7602



**Daewoo  
Forklift**  
OEM No.  
EIC#7603

## TURBOCHARGER FOR KOMATSU



### PC200-3 Excavator

Engine model: S6D105B-1A  
Turbocharger Model T04B-59.  
Application Type KOMATSU PC200-3 (S6D105B-1A)  
OEM No. 6137-82-8200 / 465044-0261



### PC200-5 Excavator

Engine model: S6D95  
Turbocharger Model T04B59.  
Application Type KOMATSU PC200-5 (S6D95)  
OEM No. 6207-81-8210 / 465044-0251



### PC300-5 Excavator

Engine model: SA6D108  
Turbocharger Model T04E08.  
Application Type KOMATSU PC300-5 (SA6D108)  
OEM No. 6222-81-8210 / 466704-0203



### PC300-6 Excavator

Engine model: SA6D108  
Application Type KOMATSU PC300-6 (SA6D108)  
OEM No. 466670-0013



**ENGIMAX INDUSTRIAL CORP.**

#5, Lane 48, Tatung Road, Wufeng, Taichung, 41343 Taiwan R.O.C.

Tel: 886-4-2330-4735 Fax: 886-4-2330-7182

Email: john.mingyang@gmail.com

john.npic@gmail.com

<http://www.engimax.url.tw>

