
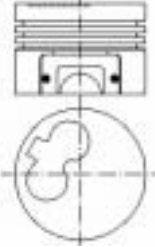
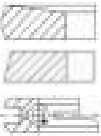

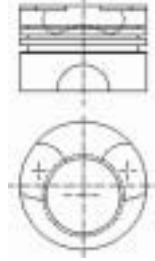
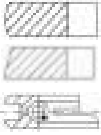

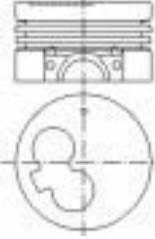
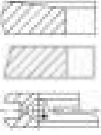

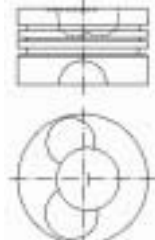
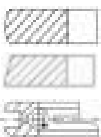


# Liner Kit For KOMATSU


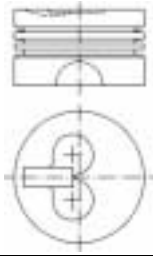




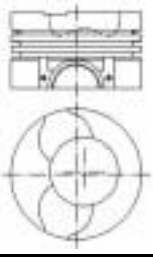




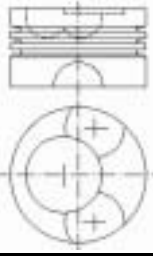




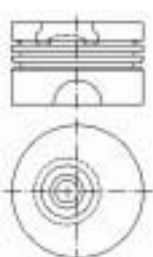





Engine Type & Vehicle Model	Liner kit	Cylinder Liner	Piston	Pin Bushing	Piston Ring
<b>4D94E Ø94.0</b>  4 cyl.,2940m <sup>3</sup> Crawler Dozer:D21A-8,D21P-8  Piston : Al-fin. Liner :	<b>KOA94F01</b>  	<b>KOL94F01</b>  Total Length Exterior Dia. Flange Dia. Flange Height	<b>KOP94F01</b> 129901-22081  Total Length 103.7 Comp. Height 59.7 Pin Dia. 30.0 Pin Length 73.0	<b>KOB94F01</b> 6201-31-3130  	<b>KOR94F01</b> YM129901-22050  RN 2.0 HK 2.0 FM 3.0 
<b>6D95L-1 Ø95.0</b> <b>4D95L-1K,1L</b>  4 cyl.,3260m <sup>3</sup> ,Excavator PC60-6 6 cyl.,4890m <sup>3</sup> ,Excavator PC120-3, Bull-Dozer D31E,S-18,D31P,S-20  Piston : Al-fin. Round Combustion Chamber 54mm Liner : Fully-Finished & Phosphated .	<b>KOA95S01</b> KMKT0421210  	<b>KOL95S01-FP</b> 6207-21-2110 6207-21-2120  TL 180.0 OD 98.0 FD 104.0 FH 4.0	<b>KOP95S01-A</b> 6204-31-2121  TL 94.1 CH 51.1 -19.5 PD 30.0 PL 74.0	<b>KOB95S01</b> 6204-31-3130  	<b>KOR95S01</b> 6204-31-2202 6204-31-2201/cyl. R18241  2.0 2.0 FM 4.0 
<b>4D95L-W-1 Ø95.0</b>  4 cyl.,3260m <sup>3</sup> Wheel Loader:WA70-1  Piston : Al-fin. Liner : Fully-Finished & Phosphated .	<b>KOA95F01</b> KMKT0411610  	<b>KOL95S01-FP</b> 6207-21-2110 6207-21-2120  TL 180.0 OD 98.0 FD 104.0 FH 4.0	<b>KOP95F01-A</b> 6204-32-2161 6202-32-2120  TL 94.1 CH 51.1 -19.5 PD 30.0 PL 74.0	<b>KOB95S01</b> 6204-31-3130  	<b>KOR95F01</b> 6202-32-2202/cyl. R18572  2.2 H 2.0 FM 4.0 
<b>4D95S-1H,IJ Ø95.0</b>  4 cyl.,3260m <sup>3</sup> Crawler Dozer:D20  Piston : Al-fin. Round Combustion Chamber 51mm Liner : Fully-Finished & Phosphated .	<b>KOA95F02</b> KMKT0211600  	<b>KOL95S01-FP</b> 6207-21-2110 6207-21-2120  TL 180.0 OD 98.0 FD 104.0 FH 4.0	<b>KOA95F02-A</b> 6202-33-2160 6204-32-2111  TL 104.3 CH 61.3 PD 30.0 PL 74.0	<b>KOB95S01</b> 6204-31-3130  	<b>KOR95S01</b> 6204-31-2202 6204-31-2201/cyl. R18241  2.0 2.0 FM 4.0 

Suffix Code : Piston **A**=Alfin **D**=Head Anodizing **M**=MoS2 Coating **N**=Nitrided **O**=Oil Gallery **T**=Tin Plating  
 Liner **C**=Chrome plating **F**=F/F **IH**=Induction Harden **N**=Nitrided **P**=Phosphated **S**=S/F **U**=Copper plating

# Liner Kit For KOMATSU


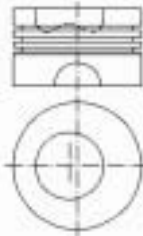









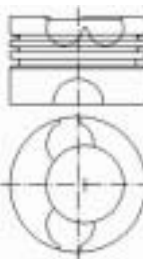




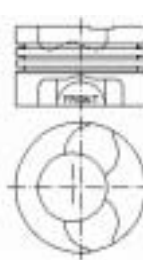





Engine Type & Vehicle Model	Liner kit	Cylinder Liner	Piston	Pin Bushing	Piston Ring
<b>4D95S-W-1G-E Ø95.0</b>  4 cyl.,3260m3 Crawler Dozer:D20  Piston : Al-fin. Liner : Fully-Finished & Phosphated .	<b>KOA95F03</b> KMKT 211400  	<b>KOL95S01-FP</b> 6207-21-2110 6207-21-2120  TL 180.0 OD 98.0 FD 104.0 FH 4.0	<b>KOA95F03-A</b> 6202-32-2140 6201-32-2121  TL 104.1 CH 61.0 PD 30.0 PL 74.0	<b>KOB95S01</b> 6204-31-3130  	<b>KOR95F02</b> 6202-32-2300/cyl. R18571  2.2 H  2.2  FM 4.0 
<b>S6D95-5 Ø95.0</b> <b>S6D95L-1</b> <b>S4D95L-1A,AB,AG</b>  6 cyl.,4890m3 Excavator PC150-5 & PC150LC-5, PC200-5C,PC200-5& PC200LC-5, PC200-5T,PC200-5Z Piston : Al-fin.Round Combustion Chamber 56mm Liner : Fully-Finished & Phosphated .	<b>KOA95S02</b> KMKT0711410  	<b>KOL95S01-FP</b> 6207-21-2110 6207-21-2120  TL 180.0 OD 98.0 FD 104.0 FH 4.0	<b>KOP95S02-A</b> 6207-31-2141 6207-31-2120  TL 94.1 CH 51.1 PD 30.0 PL 74.0	<b>KOB95S02</b> 6207-31-3130 6207-31-3530 6204-31-3130  	<b>KOR95S02</b> 6207-31-2500 SDK01-018ZZ  RN 2.5 K  RN2.2 H  FM 4.0 
<b>S6D95-6 Ø95.0</b> <b>S6D95L-1MM</b>  6 cyl.,4890m3 Excavator PC200-6 Wheel Loader WA180-1  S=Turbo Charge Piston : Al-fin. Liner : Fully-Finished & Phosphated .	<b>KOA95S03</b> KMKT0711800  	<b>KOL95S01-FP</b> 6207-21-2110 6207-21-2120  TL 180.0 OD 98.0 FD 104.0 FH 4.0	<b>KOP95S03-A</b> 6207-31-2180  TL 94.1 CH 51.1 PD 30.0 PL 74.0	<b>KOB95S02</b> 6207-31-3130 6207-31-3530  	<b>KOR95S03</b> 6209-31-2400 SDK04-023ZZ  RN 2.5 K  RN 2.2 K  FM 4.0 
<b>S4D102E-1 Ø102.0</b> <b>S6D102E-1AA</b> <b>SA6D102E-1AB</b>  6 cyl.,5900m3 Excavator PC210-6 Bull-Dozer D41E-6,D41P-6 S=Turbo Charge , A=After Cooled Piston : Al-fin.Round combustion Chamber 51mm.	<b>KOA02S01</b> KMKT3511100  	<b>KOL02S01-FP</b> 6736-29-2110  TL 200.0 OD 104.5	<b>KOP02S01-A</b> 6735-31-2110 6735-31-2111(body) 6735-31-2140(Assv.)  TL 105.1 CH 71.6 PD 40.0 PL 83.0	<b>KOB02S01</b> 6732-31-3131  	<b>KOR02S01</b> 6738-31-2030 R42815  RN 2.85 K  2.4  FM 4.0 

Suffix Code : Piston **A**=Alfin **D**=Head Anodizing **M**=MoS2 Coating **N**=Nitrided **O**=Oil Gallery **T**=Tin Plating  
 Liner **C**=Chrome plating **F**=F/F **IH**=Induction Harden **N**=Nitrided **P**=Phosphated **S**=S/F **U**=Copper plating

# Liner Kit For KOMATSU


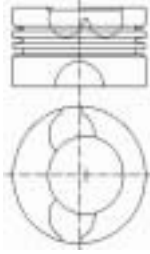




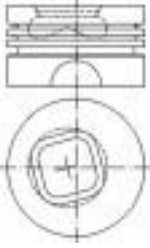









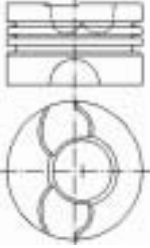





Engine Type & Vehicle Model	Liner kit	Cylinder Liner	Piston	Pin Bushing	Piston Ring
<b>4D105-3C Ø105.0</b>  4 cyl., 4330m <sup>3</sup> Bull-Dozer:D40/45A,P,S-1  Piston : Al-fin. Round Combustion Chamber 61mm Liner : Fully-Finished & Phosphated .	<b>KOA05F01</b> KMKT3021100  	<b>KOL05F01-FP</b> 6130-22-2310  TL 223.0 OD 118.0 FD 125.5 FH 10.0	<b>KOP05F01-A</b> 6130-32-2110  TL 107.5 CH 69.0 PD 38.0 PL 88.0	<b>KOB05F01</b> 6130-31-3130  	<b>KOR05F01</b> 6130-32-2202 6130-32-2302/cyl. 6130-31-2202 6130-32-2301/cyl. 3.0  2.5  FX 5.0  R18090
<b>4D105-5 Ø105.0</b> <b>6D105-1</b> 6 cyl., 6490m <sup>3</sup> Bull-Dozer:D41A, E, P, Q & S Wheel Loader: WA200-1 Excavators:PC150-1,PC150LC-1, PC200-1,PC200-2,PC200LC-2 Graders:GD405A-1,GD505A-2 Piston : Al-fin.Rectangle Combustion Chamber 58mm Liner : Fully-Finished & Phosphated .	<b>KOA05F02</b> KODKT0801 <b>KOA05S01</b> KODKT1301  	<b>KOL05F02-FP</b> 6137-22-2210 6136-21-2210  TL 223.0 OD 118.7 FD 127 FH 10.0	<b>KOP05F02-A</b> 6136-31-2112 6136-31-2010  TL 107.5 CH 69.0 PD 40.0 PL 83.0	<b>KOB05F02</b> 6136-31-3130 6136-32-3130  	<b>KOR05F02</b> 6136-31-2030/cyl. 6136-31-2010 R18530 RN 3.0  2.5  FX 5.0 
<b>S6D105-1 Ø105.0</b>  6 cyl., 6490m <sup>3</sup> Excavators:PC220-2 ,PC220LC-2 Graders:GD505A-2 S=Turbo Charge Piston : Al-fin.Round Combustion Chamber 60mm Liner : Fully-Finished & Phosphated .	<b>KOA05S02</b> KODKT1801  	<b>KOL05F02-FP</b> 6137-22-2210 6136-21-2210  TL 223.0 OD 118.7 FD 127 FH 10.0	<b>KOP05S01-A</b> 6137-32-2130 6137-32-2110 6137-32-2010  TL 107.7 CH 69.2 PD 40.0 PL 85.0	<b>KOB05F02</b> 6136-31-3130 6136-32-3130  	<b>KOR05S01</b> 6137-31-2040 R18070 RN 3.0 K  2.5 H  FM 5.0 
<b>S6D105-5 Ø105.0</b>  6 cyl., 6490m <sup>3</sup>  S=Turbo Charge Piston : Al-fin. Round combustion Chamber 58mm. Liner : Fully-Finished & Phosphated .	<b>KOA05S03</b> KMKT3710200  	<b>KOL05F02-FP</b> 6137-22-2210 6136-21-2210  TL 223.0 OD 118.7 FD 127 FH 10.0	<b>KOP05S02-A</b> 6137-31-2020  TL 107.7 CH 69.2 PD 40.0 PL 85.0	<b>KOB05F02</b> 6136-31-3130 6136-32-3130  	<b>KOR05S01</b> 6137-31-2040 R18070 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  
 Liner **C**=Chrome plating **F**=F/F **IH**=Induction Harden **N**=Nitrided **P**=Phosphated **S**=S/F **U**=Copper plating

# Liner Kit For KOMATSU

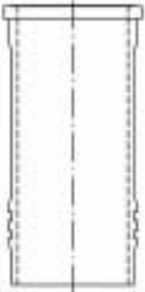















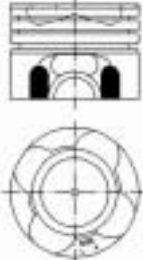





Engine Type & Vehicle Model	Liner kit	Cylinder Liner	Piston	Pin Bushing	Piston Ring
<b>S6D108-1 Ø108.0</b> <b>SA6D108-1</b>  6 cyl., Bull Dozer: D57S 1B Excavator: PC300-5  S=Turbo Charge Piston : Al-fin.Round Combustion Chamber 66mm Liner : Fully-Finished & Phosphated .	<b>KOA08S01</b> KMKT2211100  	<b>KOL08S01</b> 6222-21-2110 6222-23-2231  TL 219.5 OD 111.5 FD 120.0 FH 5.0	<b>KOP08S01-A</b> 6222-31-2110  TL 114.0 CH 67.5 PD 45.0 PL 85.0	<b>KOB08S01</b> 6221-31-3130  	<b>KOR08S01</b> 6221-31-2200 R18990  2.5 K  2.53 K  FM 4.0 
<b>S6D110-1C Ø110.0</b> <b>S6D110-1G</b>  6 cyl.,7130m3 Wheel Loader:WA380-1, WA400/420-1  S=Turbo Charge Piston : Al-fin. Rectangle Combustion Chamber 62mm Liner : Phosphated	<b>KOA10S01</b> KMKT3811100  	<b>KOL10S01-FP</b> 6138-21-2211  TL 225.0 OD 115.0 FD 120.0 FH 5.0	<b>KOP10S01-A</b> 6138-31-2110  TL 116.0 CH 69.0 PD 40.0 PL 90.0	<b>KOB10S01</b> 6138-31-3133  	<b>KOR10S01</b> 6138-32-2200 R18180  RN 3.0 K  2.5 H  FM 5.0 
<b>S6D110-1C Ø110.0</b> <b>1G/1N/1P</b>  6 cyl.,7130m3 Wheel Loader:WA380-1, WA400/420-1  S=Turbo Charge Piston : Al-fin.Round Combustion Chamber 62mm Liner : Phosphated	<b>KOA10S02</b> KMKT3821100  	<b>KOL10S01-FP</b> 6138-21-2211  TL 225.0 OD 115.0 FD 120.0 FH 5.0	<b>KOP10S02-A</b> 6138-32-2110  TL 116.2 CH 69.2 PD 40.0 PL 90.0	<b>KOB10S01</b> 6138-31-3133  	<b>KOR10S01</b> 6138-32-2200 R18180  RN 3.0 K  2.5 H  FM 5.0 
<b>S6D110-1J Ø110.0</b> <b>1Q/1R/1U/1W</b>  6 cyl.,7130m3 Dozers:D66S-1 Wheel Loader:WA380-1,WA400/420-1  S=Turbo Charge Piston : Al-fin.Round Combustion Chamber 66mm Liner : Phosphated	<b>KOA10S03</b> KMKT3821200  	<b>KOL10S01-FP</b> 6138-21-2211  TL 225.0 OD 115.0 FD 120.0 FH 5.0	<b>KOP10S03-A</b> 6138-32-2120  TL 116.2 CH 69.2 PD 40.0 PL 90.0	<b>KOB10S01</b> 6138-31-3133  	<b>KOR10S01</b> 6138-32-2200 R18180  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  
 Liner **C**=Chrome plating **F**=F/F **IH**=Induction Harden **N**=Nitrided **P**=Phosphated **S**=S/F **U**=Copper plating

# Liner Kit For KOMATSU


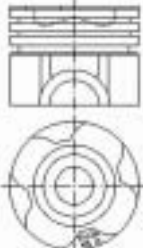




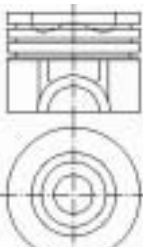



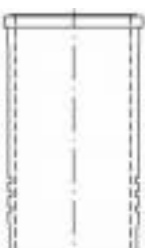
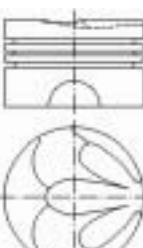




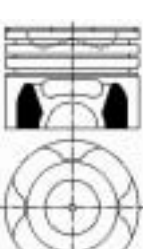





Engine Type & Vehicle Model	Liner kit	Cylinder Liner	Piston	Pin Bushing	Piston Ring
<b>4D120 Ø120.0</b> 4 cyl.,7240m3 Bull-Dozer:D55S-3  Piston : Al-fin & Tin Plated. Liner :	<b>KOA20F01</b> KODKT0201  	<b>KOL20F01</b> 6110-21-2212  TL 293.0 OD 140.0 FD 150.0 FH 13.0	<b>KOP20F01</b> 6110-33-2132  TL 135.0 CH 90.0 PD 44.0 PL 102.0	<b>KOB30F01</b> 6110-23-1442 6110-33-3120  	<b>KOR20F01</b> 6110-30-2303 6110-30-2403/cyl. 6110-30-2302 R18900 RN 3.5  2.5  FX 5.5 
<b>6D125-1 Ø125.0</b> 6 cyl.,11040m3 Dozers : D50P-17,D50PL-17,D53A-17,D53P-17 ,D58P-1, D58P-1B,D65E-12,D68P-1,D70LE Graders: GD605A-3,GD623A-1,GD655A-3  Piston :Al-fin.Round Combustion Chamber 75mm Liner : AB1 Nitrided & Phosphated.	<b>KOA25S01</b> KMKT5021110  	<b>KOL25S01-NP</b> 6150-21-2221 6151-22-2220  TL 256.5 OD 141.4 FD 153.0 FH 10.0	<b>KOP25S01-A</b> 6150-31-2112 (Piston Body) 6150-31-2012 (Piston Assy)  TL 131.2 CH 80.2 PD 48.0 PL 104.0	<b>KOB25S01</b> 6150-31-3130  	<b>KOR25S01</b> 6150-31-2033 /cyl. R18211  RN 2.4  RN 2.4  FX 4.0 
<b>S6D125-1 Ø125.0</b> 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  Piston :Al-fin.Round Combustion Chamber 75mm Liner : AB1 Nitrided & Phosphated.	<b>KOA25S02</b> KMKT5111710  	<b>KOL25S01-NP</b> 6150-21-2221 6151-22-2220  TL 256.5 OD 141.4 FD 153.0 FH 10.0	<b>KOP25S02-A</b> 6151-31-2171 (Piston Body) 6151-31-2060 (Piston Assy)  TL 131.0 CH 80.1 PD 48.0 PL 104.0	<b>KOB25S01</b> 6150-31-3130 6151-31-3130 (Trapezium)  	<b>KOR25S01</b> 6150-31-2033 /cyl. R18211  RN 2.4  RN 2.4  FX 4.0 
<b>S6D125 Ø125.0</b> 6 cyl.,11040m <sup>3</sup>  Iron Piston :Round Combustion Chamber 75mm Liner : AB1 Nitrided & Phosphated.	<b>KOA25S03</b> KMKT5111120  	<b>KOL25S01-NP</b> 6150-21-2221 6151-22-2220  TL 256.5 OD 141.4 FD 153.0 FH 10.0	<b>KOP25S03-I</b> 6151-31-2112  TL 122.3 CH 80.3 PD 48.0 PL 99.0	<b>KOB25S01</b> 6150-31-3130  	<b>KOR25S01</b> 6150-31-2033 /cyl. R18211  RN 2.4  RN 2.4  FX 4.0 

Suffix Code : Piston **A**=Alfin **D**=Head Anodizing **M**=MoS2 Coating **N**=Nitrided **O**=Oil Gallery **T**=Tin Plating  
 Liner **C**=Chrome plating **F**=F/F **IH**=Induction Harden **N**=Nitrided **P**=Phosphated **S**=S/F **U**=Copper plating

# Liner Kit For KOMATSU







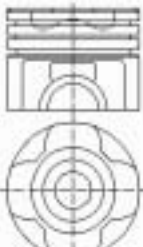



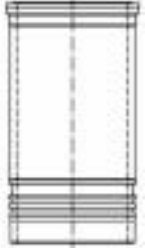
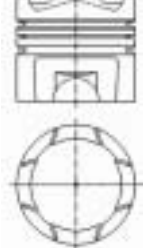



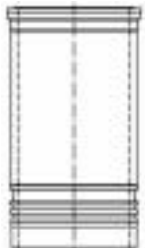






Engine Type & Vehicle Model	Liner kit	Cylinder Liner	Piston	Pin Bushing	Piston Ring
<b>S6D125 Ø125.0</b> <b>New</b> 6 cyl.,11040m <sup>3</sup>  <b>Iron Piston</b> :Round Combustion Chamber 75mm Liner :AB1 Nitrided & Phosphated.	<b>KOA25S04</b> KMKT5115110  	<b>KOL25S01-NP</b> 6150-21-2221 6151-22-2220  TL 256.5 OD 141.4 FD 153.0 FH 10.0	<b>KOP25S04-I</b> 6151-31-2511  TL 117.3 CH 80.3 PD 48.0 PL 99.0	<b>KOB25S01</b> 6150-31-3130  	<b>KOR25S01</b> 6150-31-2033 /cyl. R18211  RN 2.4  RN 2.4  FX 4.0 
<b>S6D125E-2 Ø125.0</b> <b>SA6D125E-2 , SA6D125E-3B-7 , SAA6D125E-3</b> 6 cyl.,11040m <sup>3</sup>  <b>Iron Piston</b> :Round Combustion Chamber 63mm Liner : AB1 Nitrided & Phosphated.	<b>KOA25S05</b> KMKT5215100  	<b>KOL25S01-NP</b> 6150-21-2221 6151-22-2220  TL 256.5 OD 141.4 FD 153.0 FH 10.0	<b>KOP25S05-I</b> 6152-32-2510  TL 117.3 CH 80.3 PD 48.0 PL 99.0	<b>KOB25S01</b> 6150-31-3130  	<b>KOR25S01</b> 6150-31-2033 /cyl. R18211  RN 2.4  RN 2.4  FX 4.0 
<b>4D130-1 Ø130.0</b> 4 cyl.,8490m <sup>3</sup> Dozer:D50-16, D50A-16, D50F-16, D50P-16, D53A-16, D53P-16,D53S-16,D53S-17,D57S-1 Graders:GD500R Piston :Round Combustion Chamber 63mm Liner :	<b>KOA30F01</b> KMKT1421110  	<b>KOL30F01</b> 6115-21-2211  TL 293.0 OD 146.0 FD 156.0 FH 13.0	<b>KOP30F01</b> 6114-31-2111  TL 135.0 CH 90.0 PD 44.0 PL 102.0	<b>KOB30F01</b> 6110-23-1442 6110-33-3120  	<b>KOR30F01</b> 6114-30-2303 6114-30-2403/cyl. R18400  RN 3.5  2.5  FX 5.5 
<b>S6D140 Ø140</b>  6 cyl.,15200m <sup>3</sup> Excavator:PC650-3 Bulldozer:D135A-2 ,D155AX-3 Wheel Loader:WA500-1 <b>Iron Piston</b> : Oil Gallery & Nitriding. Round Combustion Chamber 92mm Liner : Fully-Finished & Phosphated .	<b>KOA40S01</b> KMKT1121110  	<b>KOL40S01-FP</b> 6211-21-2210  TL 283.0 OD 158.0 FD 170.5 FH 11.0	<b>KOP40S01-INO</b> 6211-31-2111  TL 130.2 CH 85.2 PD 52.0 PL 110.0	<b>KOB40S01</b> 6211-31-3130  	<b>KOR40S01</b> 6211-31-2031 6211-31-2032/cyl. R18970  RN 2.4K  RN 2.4  FM 4.0 

Suffix Code : Piston **A**=Alfin **D**=Head Anodizing **M**=MoS2 Coating **N**=Nitrided **O**=Oil Gallery **T**=Tin Plating  
 Liner **C**=Chrome plating **F**=F/F **IH**=Induction Harden **N**=Nitrided **P**=Phosphated **S**=S/F **U**=Copper plating

# Liner Kit For KOMATSU


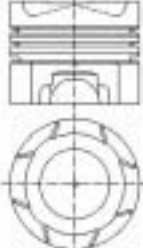








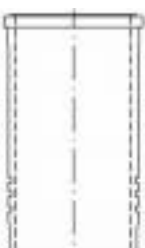
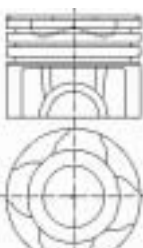



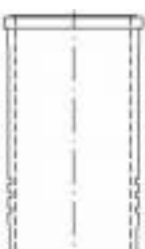
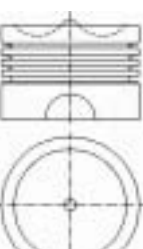






Engine Type & Vehicle Model	Liner kit	Cylinder Liner	Piston	Pin Bushing	Piston Ring
<b>SA6D140-1 Ø140</b> <b>SA12V140-1</b> 6 cyl.,15200m <sup>3</sup> [SA6D140-1] Excavator:PC750-5,PC1600-1 [SA12V140-1]Bulldozer:D475A-2,D475A-3 Wheel Loader:WA800-2  <b>Iron Piston</b> : Oil Gallery & Nitriding. Round Combustion Chamber 92mm Liner : Fully-Finished & Phosphated .	<b>KOA40S02</b> KMKT1211700  	<b>KOL40S01-FP</b> 6211-21-2210  TL 283.0 OD 158.0 FD 170.5 FH 11.0	<b>KOP40S02-INO</b> 6212-31-2170  TL 125.2 CH 85.2 PD 52.0 PL 110.0	<b>KOB40S01</b> 6211-31-3130  	<b>KOR40S01</b> 6211-31-2031 6211-31-2032/cyl. R18970  RN 2.4K  RN 2.4  FM 4.0 
<b>S6D140 Ø140</b>  6 cyl.,15200m <sup>3</sup> Excavator:PC650-3 Bulldozer:D135A-2 ,D155AX-3 Wheel Loader:WA500-1  <b>Iron Piston</b> : Oil Gallery & Nitriding. Round Combustion Chamber 78mm Liner : Fully-Finished & Phosphated .	<b>KOA40S03</b> KMKT1211510  	<b>KOL40S01-FP</b> 6211-21-2210  TL 283.0 OD 158.0 FD 170.5 FH 11.0	<b>KOP40S03-INO</b> 6212-31-2151  TL 125.2 CH 85.2 PD 52.0 PL 110.0	<b>KOB40S01</b> 6211-31-3130  	<b>KOR40S01</b> 6211-31-2031 6211-31-2032/cyl. R18970  RN 2.4K  RN 2.4  FM 4.0 
<b>S6D155-4 Ø155.0</b>  6 cyl.,19260m <sup>3</sup> Bull-Dozer:D150,D155A-1,D155A-2 D155S-1,D155W-1,D355A-3,D355C3  Piston :Al-fin , Round Combustion Chamber 131mm Liner : AB1 Nitrided & Phosphated.	<b>KOA55S01</b> KMKT2711400  	<b>KOL55S01-NP</b> 6128-21-2216  TL 327.0 OD 176.0 FD 184.0 FH 14.0	<b>KOP55S01-A</b> 6127-31-2140 (Piston Body) 6127-31-2030 (Piston Assy)  TL 167.5 CH 102.5 PD 60.0 PL 130.0	<b>KOB55S01</b> 6127-31-3131  	<b>KOR55S01</b> 6128-31-2060 6128-31-2070/cyl. R18370  RN 3.68 K  RN 3.548 K  FX 4.737 
<b>SA6D155-4 Ø155.0</b>  6 cyl.,19260m <sup>3</sup> Bull-Dozer:D150,D155A-1, D155S-1,D355A-1,D355A3,D355A-5  Piston : Round Combustion Chamber 124mm Liner :AB1 Nitrided & Phosphated.	<b>KOA55S02</b> KMKT2811400  	<b>KOL55S01-NP</b> 6128-21-2216  TL 327.0 OD 176.0 FD 184.0 FH 14.0	<b>KOP55S02</b> 6128-31-2140 (Piston Body) 6128-31-2050 (Piston Assy)  TL 170.0 CH 105.0 PD 60.0 PL 130.0	<b>KOB55S01</b> 6127-31-3131  	<b>KOR55S01</b> 6128-31-2060 6128-31-2070/cyl. R18370  RN 3.68 K  RN 3.548 K  FX 4.737 

Suffix Code : Piston **A**=Alfin **D**=Head Anodizing **M**=MoS2 Coating **N**=Nitrided **O**=Oil Gallery **T**=Tin Plating  
 Liner **C**=Chrome plating **F**=F/F **IH**=Induction Harden **N**=Nitrided **P**=Phosphated **S**=S/F **U**=Copper plating

# Liner Kit For KOMATSU




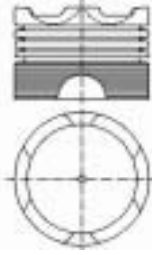





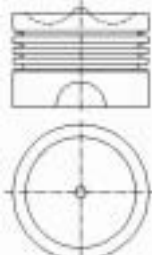



Engine Type & Vehicle Model	Liner kit	Cylinder Liner	Piston	Pin Bushing	Piston Ring
<b>S6D170 Ø170.0</b> <b>SA8V170-1</b> 6 cyl. Bull-Dozer:D375A-1 Wheel Loader:WA600  Piston :Al-fin,Oil Gallery,Head Anodized ,Round Combustion Chamber 122mm Liner : Nitrided	<b>KOA70S01</b> KMKT6411100  	<b>KOL70S01</b> 6162-23-2210 6162-23-2250  TL 342.0 OD 190.3 FD 206.0 FH 14.0	<b>KOP70S01-A</b> 6164-31-2110  TL 195.5 CH 120.5 PD 68.0 PL 142.0	<b>KOB70S01</b> 6162-33-3131  	<b>KOR70S01</b> 6162-33-2060 R64020  RN 3.7K  RN 3.55K  RN 4.75 
<b>S6D170-1 Ø170.0</b> 6 cyl. Bull-Dozer:D275A-2,D375A-1 Wheel Loader:WA600-1,WA600-1L Excavators:PC650-1 Piston : Round Combustion Chamber 112mm Liner :Nitrided	<b>KOA70S02</b> KMKT6231200  	<b>KOL70S01</b> 6162-23-2210 6162-25-2210  TL 342.0 OD 190.3 FD 206.0 FH 14.0	<b>KOP70S02-A</b> 6162-33-2120  TL 195.5 CH 120.5 PD 68.0 PL 142.0	<b>KOB70S01</b> 6162-33-3131  	<b>KOR70S01</b> 6162-33-2060 R64020  RN 3.7K  RN 3.55K  RN 4.75 
<b>S6D170-1 Ø170.0</b> <b>SAA6D170E-2A</b> <b>SA12V170-1</b> 6 cyl.Bull-Dozer:D375A-1 Wheel Loader:WA600  Iron Piston : Round Combustion Chamber 118mm Liner :Nitrided	<b>KOA70S03</b> KMKT6251200  	<b>KOL70S01</b> 6162-23-2210 6162-25-2210  TL 342.0 OD 190.3 FD 206.0 FH 14.0	<b>KOP70S03-AI</b> 6162-35-2120  TL 176.0 CH 120.8 PD 68.0 PL 126.0	<b>KOB70S01</b> 6162-33-3131  	<b>KOR70S01</b> 6162-33-2060 R64020  RN 3.7K  RN 3.55K  RN 4.75 
<b>NH220-C1 Ø130.18</b> 6 cyl.,12170m <sup>3</sup> Bull-Dozer:D80A-12,D85A-12  Piston : Round Combustion Chamber 99mm Liner : AB1 Nitrided & Phosphated.	<b>KOA31S01</b> KODKT1601  	<b>KOL31S01-NP</b> 6610-21-2213  TL 303.5 OD 146.0 FD 156.0 FH 11.0	<b>KOP31S01-A</b> 6620-31-2110 (Piston Body) 6620-31-2010 (Piston Body)  TL 158.5 CH 101.5 PD 50.8 PL 110.0	<b>KOB31S01</b> 6620-31-3120  	<b>KOR31S01</b> 6620-31-2030/cyl. 6620-31-2020 R18320  RN 3.78K  RN 3.61K  RN 3.61  RN 6.12 

Suffix Code : Piston **A**=Alfin **D**=Head Anodizing **M**=MoS2 Coating **N**=Nitrided **O**=Oil Gallery **T**=Tin Plating  
 Liner **C**=Chrome plating **F**=F/F **IH**=Induction Harden **N**=Nitrided **P**=Phosphated **S**=S/F **U**=Copper plating



# Liner Kit For KOMATSU



Engine Type & Vehicle Model	Liner kit	Cylinder Liner	Piston	Pin Bushing	Piston Ring
<b>NT855-1    Ø139.7</b>  6 cyl.,  Piston :Top & 2nd Ring Grooves Al-fin, Round Combustion Chamber 97.5mm Liner : AB1 Nitrided & Phosphated.	<b>KOA39S01</b> KMKT1121100  	<b>KOL39S01-NP</b> 6710-21-2210  TL    288.0 OD    155.5 FD    167.0 FH    9.0	<b>KOP39S01-A</b> 6711-31-2110 (Piston Body) 6711-31-2010 (Piston Body)  TL    155.0 CH    105.8 PD    50.8 PL    119.0	<b>KOB39S01</b> 6710-31-3120  	<b>KOR39S01</b> 6710-31-2033/cyl. 6710-31-2023 R18720  RN 3.595  RN 2.878  RN 2.878  FX 4.75 
<b>NT855            Ø139.7</b>  6 cyl.,  Piston :Al-fin, Round Combustion Chamber 105mm Liner : AB1 Nitrided & Phosphated.	<b>KOA39S02</b> KMKT2154200  	<b>KOL39S01-NP</b> 6710-21-2210  TL    288.0 OD    155.5 FD    167.0 FH    9.0	<b>KOP39S02-A</b> 215420  TL    152.8 CH    95.8 PD    50.8 PL    119.0	<b>KOB39S01</b> 6710-31-3120  	<b>KOR39S01</b> 6710-31-2033/cyl. 6710-31-2023 R18720  RN 3.595  RN 2.878  RN 2.878  FX 4.75 