



GRINDLAY TECH

PISTON RINGS

CATALOGUE 2011



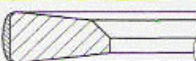
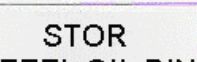
EUROPEAN & AMERICAN RANGE



GRINDLAY TECH

PISTON RINGS

RING TYPES

 C	 CRTFIS	 NIB
 CR	 CRRTFIS	 NTF
 CIB	 CRHK	 SOR
 CRIB	 CRFK	 PSL
 CRIS	 CRFKIB	 BSOR
 CTF	 CRFKIS	 BPSL
 CRTF	 CFK	 CHSL-B
 CTFIB	 CRFK	 DB-SOR
 CRTFIB	 CRFK	 DB-PSL
 CRRTFIB	 CRFKIF	 STOR
 CTFIS	 N	 TPOR

MATERIALS :-

1. GCI - Grey Cast Iron
2. SGI - Spheroidal Graphite Iron
3. S - Steel



GRINDLAYS

PISTON RINGS

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ALFA ROMEO

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Motor	1290	Giulietta Sprint, Spider, Giulia 1300/TI/ GT Junior	G-AL-RO-001	4	1	74.00	1.50	CRIB NTF TPOR	SGI / S GCI S
					2	74.00	1.75		
					3	74.00	4.00		
Motor	1290	Giulietta Sprint, Veloce, Giulia 1300 TI/GT Junior	G-AL-RO-002	4	1	74.00	2.00	CRIB NTF TPOR	GCI GCI S
					2	74.00	2.00		
					3	74.00	4.00		
Motor 195.22	1567	75 1.6, 75 1.6 IE, Giulietta 1.6, K1 1600	G-AL-RO-003	4	1	78.00	1.50	CRIB N BPSL	SGI / S GCI GCI
					2	78.00	1.75		
					3	78.00	3.50		
Motor 105.20, 105.14, 105.26, Motor 116.00	1570	Giulia 1600 Alfetta 1600, Giulietta1600	G-AL-RO-004	4	1	78.00	1.50	CRIB N BPSL	SGI / S GCI GCI
					2	78.00	1.75		
					3	78.00	4.00		
Dieselmotor 4.108	1760	Giulia, F 11, F 12, A 11, A 12	G-AL-RO-005	4	1	79.37	5/64"	CRIB CIB CIB N CHSL-B	GCI GCI GCI GCI GCI
					2	79.37	1/16"		
					3	79.37	1/16"		
					4	79.37	1/8"		
					5	79.37	3/16"		
Motor	1800	75	G-AL-RO-006	4	1	80.00	1.50	CRIB NTF TPOR	SGI / S GCI S
					2	80.00	1.50		
					3	80.00	3.50		
Motor 1.8ie Motor 2.0	1779 1996	75 1.8 IE 90 2.0 IE V6, Alfa 6-GTV	G-AL-RO-007	4 V6	1	80.00	1.50	CRIB NTF TPOR	SGI / S GCI GCI
					2	80.00	1.75		
					3	80.00	3.50		



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Motor 105.48	1779	1750, Sprint Berline	G-AL-RO-008	4	1	80.00	1.50	CRIB	SGI / S
Motor 105.35	1779	Veloce GT			2	80.00	1.75	NTF	GCI
Motor 195.23	1779	Alfetta, Giulietta, 90			3	80.00	4.00	TPOR	S
Motor 105.38	1779	75							
Motor 105.48	1779	Alfetta							
Motor 105.48	1779	1750							
Motor 301	1186	Alfasud							
Motor 301.04	1186	Super 1.2							
Motor 1351	1351	Alfasud Ti							
Motor 1351	1351	Arna33							
Motor 1351	1351	Arna Sprint 33							
Dieselmotor AR32302-186.230	1910	147 JTD	G-AL-RO-009	4	1	82.00	2.00	CR	SGI / S
Dieselmotor 430.0-M724HT.19.t		156 JTD			2	82.00	2.00	NTF	GCI
					3	82.00	3.00	CHSL-B	GCI
Dieselmotor 839, A600	1910	156 JTD, 166 JTD	G-AL-RO-010	5	1	82.00	2.50	CR	SGI / S
					2	82.00	2.00	NTF	GCI
					3	82.00	2.00	BPSL	GCI
Motor 116 747	1370	145, 146, 147, 156	G-AL-RO-011	4	1	82.00	1.20	C	SGI / S
	1598				2	82.00	1.20	NTF	GCI
Motor 676.01, M654-DA.15.T	1698				3	82.00	2.00	TPOR	S
Motor 372.03, M654-FA.15.T									
Motor M 659	1370	145 1.4 16V	G-AL-RO-012	4	1	82.00	1.50	CRIB	SGI / S
AA.14.T	1370	Twin Spark			2	82.00	1.50	NTF	GCI
Motor M	1598	146 1.4 16V			3	82.00	3.00	TPOR	S
659AA.14.T	1598	Twin Spark							
BIS Motor M	1598	145 1.6 16V							
654BA.15.T	1598	Twin Spark							
		146 1.6 16V							
		Twin Spark							
		155 1.6 16V							



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PISTON RINGS

Motor M 654 BA.15.T BIS Motor M 646BA.15.T Motor M 654 CA.15.T Motor M 646LA.17.T Motor M 646LA.17.T BIS Motor M 646GA.17.T Motor M 646VA.17.T	1598 1747 1747 1747 1747	Twin Spark 156 1.6 16V Twin Spark 145 1.8 16V Twin Spark 146 1.8 16V Twin Spark 155 1.8 16V Twin Spark 156 1.8 16V Twin Spark							
Motor 323.10, 363.01 Motor M647 SA.19.V	1970	147, 156, 166 GTV 2.0 T. Spark	G-AL-RO-013	4	1 2 3	83.00 83.00 83.00	1.20 1.20 2.00	CIB NTF TPOR	SGI / S GCI S
Motor M 647DA.19.T- 672(930A5) Motor M 647DA.19.T BIS-672 (930 A5) Motor M 647HA.19.T- 672 (930 A5) Motor M 647CA.19.T BIS-672 (930 A5) Motor M 647CA.19.T- AR 162 Motor M 647LA.19.	1970	145 2.0i 16V T.S. Quadr. 146 2.0i 16V T.S. ti 155 2.0i 16V T.S. GTV 2.0 16V T.S. Spider 2.0i 16V T.S. 156 2.0 16V Twin Spark	G-AL-RO-014	4	1 2 3	83.00 83.00 83.00	1.20 1.50 3.00	CIB NTF TPOR	SGI / S GCI S



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Motor M 620AG.18.C	1748	155 1.7 Twin Spark	G-AL-RO-015	4	1 2 3	83.40 83.40 83.40	1.50 1.50 3.50	CRIB CTF TPOR	SGI / S GCI S
Motor	1995	155 2.0 Turbo 16V	G-AL-RO-016	4	1 2 3	84.00 84.00 84.00	1.50 1.50 3.00	CRIB NTF TPOR	SGI / S GCI S
Motor M 620 AA.18.A Motor 2.0 Twin Spark Motor M 620 CA.20.A	1773 1962 1995	155 Twin Spark 164, 75, 164, 75, 164 155 Twin Spark	G-AL-RO-017	4	1 2 3	84.00 84.00 84.00	1.50 1.50 3.50	CRIB NTF TPOR	SGI / S GCI S
Motor 116.55	1962	90 2.0 IE, Spider 2.0 IE, Alfetta 2.0 IE	G-AL-RO-018	4	1 2 3	84.00 84.00 84.00	1.50 1.75 3.50	CRIB NTF TPOR	SGI / S GCI S
Motor 1490 Motor 301.24 Motor 301.28	1490	33 Alfasud Sprint Veloce	G-AL-RO-019	4	1 2 3	84.00 84.00 84.00	1.50 1.75 4.00	CRIB NTF TPOR	SGI / S GCI GCI
Motor A 195.17, 116.33	1962	Alfetta 2000, Spider GTV 2000, 1.8 GTI (USA) Alfetta	G-AL-RO-020	4	1 2 3	84.00 84.00 84.00	1.50 1.75 4.50	CRIB NTF PSL	SGI / S GCI GCI
Motor 1995 M 601 FT.20.0	1995	164 155 Q4	G-AL-RO-021	4	1 2 3	84.00 84.00 84.00	1.50 2.00 5/32"	CRIB N DB-PSL	SGI / S GCI GCI
Motor M 300 BA.17.A	1712	Sprint, 33 33 (USA) 33 16V	G-AL-RO-022	4	1 2 3	87.00 87.00 87.00	1.50 1.75 3.00	CRIB NTF TPOR	SGI / S GCI S
Motor M 652 AB.25.T	2492	155, 156, 166	G-AL-RO-023	6	1 2 3	88.00 88.00 88.00	1.20 1.50 3.00	CIB NTF CHSL-B	SGI / S GCI GCI
Motor	2492	155 V6	G-AL-RO-024	V6	1 2 3	88.00 88.00 88.00	1.50 1.50 3.00	CRIB NTF CHSL-B	SGI / S GCI GCI
Motor	2492	75, 90	G-AL-R0-025	V6	1 2 3	88.00 88.00 88.00	1.50 1.75 4.00	CRIB NTF TPOR	SGI / S GCI S



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Dieselmotor HR 488 HT/2 VM 80 A Dieselmotor HR 588 HT/2	1994 2492	75, Alfetta, Giulietta Alfa 6 2.5 Turbodiesel	G-AL-RO-026	4 5	1 2 3	88.00 88.00 88.00	2.50 2.00 4.00	CRFK NTF CHSL-B	SGI GCI GCI
Dieselmotor	1994	Alfetta, Giulietta, 75	G-AL-RO-027	4	1 2 3	88.00 88.00 88.00	3.00 2.00 4.00	CRIB NTF CHSL-B	SGI / S GCI GCI
Dieselmotor HRT 392 Dieselmotor HR 492 HI Dieselmotor HR 92.4 S-H	1779 2392 2500	33 90 2.4 Alfetta 2.4 164	G-AL-RO-028	3 4 4	1 2 3	92.00 92.00 92.00	2.50 2.00 4.00	CRFK NTF CHSL-B	SGI GCI GCI
Motor 161.02 M 652 HA 30.T	2959	166, GTV, Spider	G-AL-RO-029	6	1 2 3	93.00 93.00 93.00	1.20 1.50 3.50	CIB CTF BPSL	SGI / S GCI GCI
Motor 932	3177	156	G-AL-RO-030	6	1 2 3	93.00 93.00 93.00	1.20 1.20 2.00	CIB NTF TPOR	SGI / S GCI S
Motor M 624 AB.30.A Motor M 624 AB.30.A Motor M 627 AA.30.C	2959	75, 164 164, OV, R.Z. 164 Super, Zagato	G-AL-RO-031	6 V6 V6	1 2 3	93.00 93.00 93.00	1.50 1.50 3.50	CRIB CTF TPOR	SGI / S GCI S
Dieselmotor 8140.61	2445	30AR8, 32AR8, 35AR8, 40AR8	G-AL-RO-032	4	1 2 3	93.00 93.00 93.00	2.00 2.00 4.00	CR N CHSL-B	SGI / S GCI GCI
Dieselmotor 8140.21	2445	40 AR 8T	G-AL-RO-033	4	1 2 3	93.00 93.00 93.00	3.00 2.00 3.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor 8144.67	2500	10AR6, 14AR6	G-AL-RO-034	4	1 2 3	93.00 93.00 93.00	3.00 2.00 3.00	CR N CHSL-B	SGI / S GCI GCI
Dieselmotor 8140.61.300 Dieselmotor 8140.61	2445	30 AR 8, 25 AR 8 40 AR 8	G-AL-RO-035	4	1 2 3	93.00 93.00 93.00	3.00 2.00 4.00	CR N CHSL-B	SGI / S GCI GCI



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PISTON RINGS



AUDI

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Motor HB, HD	1093	50	G-AU-001	4	1 2 3	69.50 69.50 69.50	1.75 2.00 4.00	CRIB NTF PCL	GCI GCI GCI
Motor 801	1093	50	G-AU-002	4	1 2 3	69.50 69.50 69.50	1.75 2.50 4.00	CRIB N PCL	GCI GCI GCI
Motor EP	1296	80	G-AU-003	4	1 2 3	75.00 75.00 75.00	1.50 1.75 3.00	CRIB CTF TPOR	SGI/S GCI S
Motor HH, FZ	1272	50 80(Export)	G-AU-004	4	1 2 3	75.00 75.00 75.00	1.75 2.00 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor ZA, ZF, EP	1272	80	G-AU-005	4	1 2 3	75.00 75.00 75.00	2.00 2.50 4.00	CRIB N TPOR	SGI/S GCI S
Motor AUA	1390	A2 1.4	G-AU-006	4	1 2 3	76.50 76.50 76.50	1.20 1.50 2.50	CR NTF TPOR	SGI/S GCI GCI
Dieselmotor CY RA, SB	1588	80, 90	G-AU-007	4	1 2 3	76.50 76.50 76.50	1.75 2.00 3.00	CR CRRTFIB CHSL-B	SGI/S GCI GCI
Dieselmotor NC	1985	100							
Dieselmotor	1986	5000 (USA)							
Dieselmotor JK, CR	1588	80, 90	G-AU-008	4	1 2 3	76.50 76.50 76.50	1.75 2.00 3.00	CR CTFIB CHSL-B	SGI/S GCI GCI
Dieselmotor CN	1985	100, 5000 (USA)		5					



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Dieselmotor AKF	3328	A 8	G-AU-008	8	1 2 3	78.30 78.30 78.30	2.00 2.00 3.00	CRHK CTFIB CHSL-B	SGI/S GCI GCI
Dieselmotor	2496	A4 2.5 TDI A6 2.5 TDI A8 2.5 TDI	G-AU-009	V6	1 2 3	78.30 78.30 78.30	2.50 2.00 3.00	CIB CTFIB CHSL-B	SGI/S GCI GCI
Dieselmotor AAZ, 1Z AFN, AGR, AHV, AHU, 1Y	1896	80 TD, 80 TDI, A4/Quattro/T DI A3/A4/A6/TDI A4 TDI, A6 TDI, Cabrio 80 100	G-AU-010	4	1 2 3	79.50 79.50 79.50	1.75 2.00 3.00	CR CTFIB CHSL-B	SGI/S GCI GCI
Dieselmotor AAS. 3D	2370			5					
Motor YJ	1457	80	G-AU-011	4	1 2 3	79.50 79.50 79.50	1.75 2.00 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor 827 Motor WV, WY, WZ, YG, YH, YK, YN, YP, YT, YS, YZ, YV, YM	1588	4000 (USA) 80, 100, 5000(USA)		4					
Motor ZV	1715	100, 5000 (USA)		4					
Motor WN, WH	1921	80,100, Coupe		5					
Motor WD, WE, WC, KK, KE, WB, KJ, WJ, WS WR	2144	4000,5000(U SA) 80,100, Coupe 100,200,80 Quattro 100,5000(US A) 200,5000(US A) Quattro		5					



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Motor ADP, AHL AEH	1595	A4 A3	G-AU-012	4	1 2 3	81.00 81.00 81.00	1.20 1.50 2.00	CIB NTF TPOR	SGI/S GCI S
Motor AGA, ALF	2393	A6	G-AU-013	V6	1 2 3	81.00 81.00 81.00	1.50 1.50 2.00	CRIB NTF TPOR	SGI/S GCI S
Motor ADR, AGN	1781	A4, A6, A3	G-AU-014	4	1 2 3	81.00 81.00 81.00	1.50 1.75 2.00	CRIB NTF TPOR	SGI/S GCI S
Motor AEB, AGU		A4, A3, A6							
Motor JU	1595	80	G-AU-015	4	1 2 3	81.00 81.00 81.00	1.50 1.75 3.00	CRIB NTF CHSL-B	SGI/S GCI GCI
Motor DZ	1781	80, Quattro, Coupe, 90, 100							
Motor NE, DS, JV, SF, RU, PM, JN, MG, DR, KR, PL	1781	Coupe, 80, Quattro, 100	G-AU-016	4	1 2 3	81.00 81.00 81.00	1.50 1.75 3.00	CRIB NTF CHSL-B	SGI/S GCI GCI
Motor JS, PS, KP, RT	1994	VW 80, Quattro, Coupe, 90, 100		5	1 2 3	81.00 81.00 81.00	1.50 1.75 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor GV, KU, KV, JT, KX, RR, 3B, AAN, ABY, ADU	2226	200, Quattro, Coupe, 90, 100, 200, 4000,5000, Coupe (USA) A6 Quattro RS2							
Motor 824 S, PT	3562	V8	G-AU-017	V8	1 2 3	81.00 81.00 81.00	1.75 2.00 3.00	CRIB NTF TPOR	SGI/S GCI S
Dieselmotor ABP, 1T Dieselmotor AEL Dieselmotor AAT	2461	100 TDI A6 100 TDI, A6 TDI	G-AU-018	5	1 2 3	81.00 81.00 81.00	2.50 2.00 3.00	CR C-RTFIS CHSL-B	SGI GCI GCI



GRINDLAYSTECH

PISTON RINGS

Motor AVU	1595	Golf 1.6, New Beetle 1.6 Bore + Passat 1.6	G-AU-019	4	1 2 3	81.00 81.00 81.00	1.00 1.20 2.00	C NTF TPOR	SGI/S GCI GCI
Motor ABK, AAD, ABT, AAE, ADW, ACE	1984	80, Coupe, 100, 100 Quattro, Cabrio, A6, 80 Quattro, A6 Quattro, A6 Cabrio	G-AU-020	4	1 2 3	82.50 82.50 82.50	1.20 1.50 2.00	CIB NTF TPOR	SGI/S GCI S
Motor AAH, AFC, AEJ, ACK, ALG	2771	80, Coupe, 100, 100 Quattro, Cabrio, A6, 80 Quattro, A6 Quattro, A6 Cabrio, A4, A8	G-AU-021	V6	1 2 3	82.50 82.50 82.50	1.20 1.50 2.00	CIB NTF TPOR	SGI/S GCI S
Motor 7A	2309	90, Quattro, Coupe Quattro, Coupe	G-AU-022	5	1 2 3	82.50 82.50 82.50	1.20 1.75 3.00	CIB NTF TPOR	SGI/S GCI S
Motor 3A	2000	80, 90	G-AU-023	4	1 2 3	82.50 82.50 82.50	1.50 1.50 2.00	CRIB NTF TPOR	SGI/S GCI S
Motor SD	1847	80 Quattro	G-AU-024	4	1 2 3	82.50 82.50 82.50	1.50 1.75 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor AAR, NG, NF	2309	100, Coupe, Coupe Quattro, Quattro, V6 Quattro		5					
Motor ABC	2597	80, 80 Quattro, 100, 100 Quattro, Cabrio, A6-V4 Quattro		V6					



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Motor	1871	100 Coupe S, 100 GL	G-AU-025	4	1 2 3	84.00 84.00 84.00	2.00 2.50 5.00	CRIB N TPOR	SGI/S GCI S
Motor 3.7 15V Motor 4.2 15V	3700 4200	A8	G-AU-026	V8	1 2 3	84.50 84.50 84.50	1.20 1.50 3.00	CIB NTF BPSL	SGI/S GCI S
Motor ABH Motor ABZ	4172	V8, S4 4.2, 100 Quattro A8 Quattro	G-AU-027	V8	1 2 3	84.50 84.50 84.50	1.75 1.75 3.00	CRIB NTF BPSL	SGI/S GCI S



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PISTON RINGS



AVIA-DAEWOO

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor 712.02	3319	A15, A30	G-AV-DA-001	4	1	98.00	3.00	CRFK CTF N CHSL-B	SGI GCI GCI GCI
					2	98.00	2.50		
					3	98.00	2.50		
					4	98.00	4.50		
Dieselmotor 712.01-04	3319	A15, A30	G-AV-DA-002	4	1	98.00	3.00	CRFK CTF CHSL-B	SGI GCI GCI
					2	98.00	2.50		
					3	98.00	4.50		
Dieselmotor 712.11 Dieselmotor 712.13	3596	Serie A 20, A 21, A 30, A 31	G-AV-DA-003	4	1	102.00	3.00	CRFK CTF CHSL-B	SGI GCI GCI
					2	102.00	2.50		
					3	102.00	5.00		
Dieselmotor D407 Dieselmotor D 421, D 421 TD	3596	Serie A 31, A 60, A 75	G-AV-DA-004	4	1	102.00	3.00	CRFK CTF CHSL-B	SGI GCI GCI
					2	102.00	2.50		
					3	102.00	4.00		



GRINDLAYS

PISTON RINGS



BAUDOUIN

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B  (Thickness)		
Dieselmotor P 15		Schiffsmotor Marine Engine, Generator	G-BA-001	V6	1	150.00	4.00	CRFK	SGI
					2	150.00	3.50	CTF	GCI
Dieselmotor 1988.....				V12	3	150.00	3.50	CTF	GCI
					4	150.00	6.00	CHSL-B	GCI
Dieselmotor P 15		Schiffsmotor Marine Engine, Generator	G-BA-002	V6	1	150.00	3.50	CR	SGI
					2	150.00	3.50	CTF	GCI
Dieselmotor1988				V12	3	150.00	3.50	CTF	GCI
					4	150.00	6.00	CHSL-B	GCI



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PISTON RINGS



BEDFORD

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material	
					Position	D Ø (dia)	B  (Thickness)			
Dieselmotor 214.7	3519	J2LC2, J5LC2, C4LC1/LC2, C5LC2, J2LC7, J4LC1, KBC2-A, KCC2, KKC2, KDLC2, KELK2, KDSC2, EDGO-A, EDLO	G-BE-001	6	1	85.725	3/32"	CIB	GCI	
					2	85.725	3/32"	CIB	GCI	
					3	85.725	3/16"	SOR	GCI	
					4	85.725	3/16"	SOR	GCI	
Dieselmotor 200	3285	RLC3, C3, D3, S3-Baureihe	G-BE-002	4	1	98.43	3/32"	CRIB	GCI	
	2				98.43	3/32"	CIB	GCI		
Dieselmotor 300	4927				6	3	98.43	3/32"	CIB	GCI
						4	98.43	3/16"	DB-SOR	GCI
				5	98.43	3/16"	DB-SOR	GCI		
Dieselmotor 300	4927	RLC 3 (C3, D3, S3-Baureihen), J 6 SC 3, J 6 LC 3, KFSC 3,KFLC 3, BLHC 3,KDSC 3,KDLC 3,KELC 3,KGLC 3,EFM 2,EFM 3,EFN 3	G-BE-003	6	1	98.43	3/32"	CIB	GCI	
					2	98.43	3/32"	CIB	GCI	
					3	98.43	3/16"	DB-SOR	GCI	
					4	98.43	3/16"	DB-SOR	GCI	
Dieselmotor 10.220	3611	KCC 10, KBC 10, KAC 10	G-BE-004	4	1	103.19	3/32"	CIB	GCI	
	2				103.19	3/32"	CIB	GCI		
	3				103.19	3/32"	CIB	GCI		
Dieselmotor 5, J 330	5417			KF-LC 5, KD-SL 5, KD-SL 5, KE-LC5, KF-SC 5, KG-SC5 KG-SC 5, EJM 2, EJM 3, EJM						



GRINDLAYS

PISTON RINGS

Dieselmotor 466, 70	7634	ERT 2/3/4/6, ERV 1/2/3/7, KHTC 70, EPR 1, EPR 3, KHMC 70, KHLC 70, KHEC 70, KGSC 60, KGLC 60, EMT 2, EMT 3, EMV, HMX, KMX	G-BE-005	6	1 2 3 4 5	115.89 115.89 115.89 115.89 115.89	3/32" 3/32" 3/32" 3/16" 3/16"	CR CTF CTF DB-SOR DB-SOR	SGI GCI GCI GCI GCI
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GRIIND TECH

PISTON RINGS



BLMC

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor 9.731	1799	Furgon Sava, J-4-1000, Sherpa 185/215/ 220/240/250	G-BL-001	4	1	80.26	2.00	CR CTFIB CHSL-B	SGI/S GCI GCI
					2	80.26	2.00		
					3	80.26	3/16"		
Motor PE 146	2350	Rover 2300/S	G-BL-002	6	1	81.00	1.75	CRIB NTF	SGI/S GCI
Motor PE 166	2597	Rover 2600 S/SE		6	3	81.00	5/32"		
Motor 105 I, 106 I, 1.7 I		Super Minx, Hunter, Humber, Vogue, Alpine, Estate, Peykan	G-BL-003	4	1	81.54	5/64"	CRIB N TPOR	SGI GCI S
					2	81.54	5/64"		
					3	81.54	5/32"		
Dieselmotor XUD 9 A	1905	Rover 218, 418	G-BL-004	4	1	83.00	2.00	CR CTF CHSL-B	SGI/S GCI GCI
					2	83.00	2.00		
					3	83.00	3.00		
Dieselmotor TD5	2495	Discovery, Defender, Adventuer, 2.5 TD5 E	G-BL-005	5	1	84.45	3.00	CRFKIB NTF CHSL-B	SGI GCI GCI
					2	84.45	2.00		
					3	84.45	3.00		
Dieselmotor	1994	Rover 2000	G-BL-006	4	1	84.45	2.00	CR NTF CHSL-B	SGI/S GCI
Dieselmotor M 16 E, M16i	1996	Rover 820 E/SE, 820 i/Si			3	84.45	3.00		
Motor	2286	Rover 80, 88, 109, Land Rover, Seater 10/12	G-BL-007	4	1	90.47	1.79	CRIB CIB TPOR	SGI GCI S
					2	90.47	1.79		
					3	90.47	3/16"		
Dieselmotor	2486	Land Rover 90, 110	G-BL-008	4	1	90.47	5/64"	CR CTF CHSL-B	SGI/S GCI GCI
					2	90.47	5/64"		
					3	90.47	3/16"		



GRINDLAY

PISTON RINGS

Dieselmotor	2486	Land Rover 90, 110	G-BL-009	4	1 2 3	90.47 90.47 90.47	2.00 2.00 4.00	CR CTF CHSL-B	SGI/S GCI GCI
Dieselmotor	2286	Land Rover Diesel 88, 109, 110	G-BL-010	4	1 2 3 4 5	90.47 90.47 90.47 90.47 90.47	3/32" 3/32" 3/32" 3/16" 3/16"	CR CTF CTF BPSL BSOR	GCI GCI GCI GCI GCI
Dieselmotor	2486	Land Rover 90, 200 TDI, Discovery	G-BL-011	4	1 2 3	90.47 90.47 90.47	2.50 2.00 3.00	CRFK CTF CHSL-B	SGI GCI GCI
Motor AJ6	3590	Jaguar XJS 3.6, Coupe, Cabriolet, Jaguar XJ6 3.6 Saloon	G-BL-012	6	1 2 3	91.00 91.00 91.00	1.50 2.00 3.00	CRIB CTFIB TPOR	SGI/S GCI S
Motor AJG 4 V	3630	Jaguar XJ-SC 3.6	G-BL-013	6	1 2 3	91.00 91.00 91.00	1.50 2.00 4.00	CRIB CTFIB TPOR	SGI/S GCI S
Dieselmotor HR 492 HI Dieselmotor HR 492 HT	2392 2393	Rover 2400 SD Turbo Rover 2400 SD Turbo	G-BL-014	4	1 2 3	92.00 92.00 92.00	2.50 2.00 4.00	CRFK NTF CHSL-B	SGI GCI GCI
Dieselmotor 4/98 NV Dieselmotor 6/98 DV/NV	3770 5655	Traktor 262, 272, 470, 2100, 4100	G-BL-015	4 6	1 2 3 4	98.00 98.00 98.00 98.00	3/32" 3/32" 3/32" 1/4"	CR CTF CTF BPSL	GCI GCI GCI GCI
Dieselmotor 4.98 NV Dieselmotor 6.98 DV, 98 NV	3770 5655	360 FG, 500 FG, Traktor 262/272/462/470/472 Boxer 1000-33-43, 1200-33-38-42, 1300, Terrier 650/750/850/950, F 350/360/420/550 Traktor 262/272/462/472/295/485/2100/4100 Marine-, Industriemotor	G-BL-016	4 6	1 2 3 4 5	98.00 98.00 98.00 98.00 98.00	3/32" 3/32" 3/32" 1/4" 3/16"	CR CTF CTF SOR SOR	GCI GCI GCI GCI GCI



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PISTON RINGS



BMW

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø	B 		
						(dia)	(Thickness)		
Motor M 50 B 20 TU 1 Motor M52 B20	1991	320i, 520i	G-BM-001	6	1	80.00	1.50	CRIB NTF TPOR	SGI/S GCI S
		2			80.00	1.50			
		3			80.00	2.00			
Motor M 50 B 20 M Motor M 50 B 20	1990	320 I, 520 i	G-BM-002	6	1	80.00	1.50	CRIB NTF TPOR	SGI/S GCI S
	1991	520 i			2	80.00	1.75		
					3	80.00	3.00		
Motor M 20 B20 L	1990	320 i (SWE, CH, AUS)	G-BM-003	6	1	80.00	1.50	CRIB NTF TPOR	SGI/S GCI S
					2	80.00	2.00		
					3	80.00	3.00		
Motor M 20 B 20 L/M/V M 20 B 20 K 20 B 20 M 1.Z 7 Motor M 20 B 23 E M 20 B 23 L/K	1990	320/i, 52/i 320 i, 520 i	G-BM-004	6	1	80.00	1.50	CRIB NTF PSL	SGI/S GCI GCI
	2315	323 I			2	80.00	2.00		
					3	80.00	3.50		
					1 2 3	80.00 80.00 80.00	1.50 2.00 3.50	CRIB NTF TPOR	SGI/S GCI S
Dieselmotor M 21 D 24 WA	2443	324 td, 524 td	G-BM-005	6	1 2 3	80.00 80.00 80.00	2.50 2.00 3.50	CRFK C-RTFIS CHSL-B	SGI/S GCI GCI
Dieselmotor	1675	318 tds	G-BM-006	4	1 2 3	80.00 80.00 80.00	3.00 1.75 3.00	CRFK CTFIB CHSL-B	SGI GCI GCI
Dieselmotor M 51 D 25	2497	325 tds, 525 tds		6					



GRINDLAYS

PISTON RINGS

WA Dieselmotor M 51 D 25 WA	2503	325 td, 525 td		6					
Motor M 40 B 18 E	1795	318 i, 518 i	G-BM-007	4	1 2 3	84.00 84.00 84.00	1.50 1.50 2.00	CIB NTF TPOR	SGI/S GCI S
Motor M 42 B 18, M 42 B 18 TU 1, M 43 B 18	1796	318 iS, 318 i, 518 i, Roadster		4					
Motor M 43 B 16	1596	316		4					
Motor M 60 B 30	2997	730 i, 530 i		V8					
Motor M 50 B 25, M 1.E, Eu3LEV	2494	325 i, 525 I, 323i/ti, 515 i		6					
Motor M 52 B 28	2792	Roadster							
Motor M 52 B 28 GG	2791	328 i							
Motor M 60 B 30	2997	530 i, 730 i	G-BM-008	V8	1 2 3	84.00 84.00 84.00	1.50 1.50 3.00	CIB NTF TPOR	SGI/S GCI S
Motor M 70 R 50	4988	750 i, 850 i (USA)		V12					
Motor M 40 B 16 ME, E 30	1596	316 i	G-BM-009	4	1 2 3	84.00 84.00 84.00	1.50 1.75 3.00	CIB NTF TPOR	SGI/S GCI GCI
Motor M 40 B 16, E 36	1795	318 i 518 i (Export)		4					
Motor M 40 B 18 ME	2494	325 i, 525 i, Z 1, 525 ix		6					
Motor M 20 B 25 ME M 20 B 25 M,	2693	325 e, 525 e 325 (USA)		6					



GRINDLAYS

PISTON RINGS

E 8 M 20 B 25, M 1 Z 7 Motor M 20 B 27									
Motor M 20 B 27 ME	2693	528 e(USA) 325 e(USA) 525e	G-BM-010	6	1 2 3	84.00 84.00 84.00	1.50 2.00 4.00	CIB N TPOR	SGI/S GCI S
Motor M 20 B 27 ME.E	2694	525 e							
Motor M 40 B 18	1795	318 i, 518 i	G-BM-011	4	1 2 3	84.00 84.00 84.00	1.75 1.75 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor M 70	4988	750 i, 750 iL, 850 i		V12					
Motor 116, M 10 B 16 N, M 10 B 16, E 21	1573	1600, 1602, 1502, 316	G-BM-012	4	1 2 3	84.00 84.00 84.00	1.75 2.00 4.00	CRIB N TPOR	SGI/S GCI S
Motor M 10 B 16 V	1574	315							
Motor	1573	1800, 1800 ti	G-BM-013	4	1 2 3	84.00 84.00 84.00	2.00 2.50 5.00	CRIB N TPOR	SGI/S GCI S
Dieselmotor M 47 D	2000	320 d	G-BM-014	4	1 2 3	84.00 84.00 84.00	3.00 1.75 3.00	CRFK CTFIB BPSL	SGI SGI S
Dieselmotor M47D20	1951	320D,520D	G-BM-015	4	1 2 3	84.00 84.00 84.00	3.00 2.00 3.00	CRFK NTF BPSL	SGI/S GCI S
Dieselmotor M470D30	2498	530D,730D		6					
Dieselmotor M67D40	3901	740d V8		8					
Motor M 54 B 30	2979	330 i, 530 i, X5, 730 i, Z 3	G-BM-016	6	1 2 3	84.00 84.00 84.00	1.20 1.50 2.00	CIB NTF TPOR	SGI/S GCI S



GRINDLAYS

PISTON RINGS

Motor M 43 B 19	1895	318ti Compact, 318 is, 318 1.9, Z3 1.9	G-BM-017	4	1 2 3	85.00 85.00 85.00	1.20 1.50 2.00	CIB NTF TPOR	SGI/S GCI S
Motor M 44 B 19 4V	1896								
M 73 B54	5379	750 i, 750 iL, 850 Ci		V12					
Motor S 50 B 30 S 50 B 30 US	2990	M 3, M 3 (USA)	G-BM-018	6	1 2 3	86.00 86.00 86.00	1.20 1.50 2.00	CIB NTF TPOR	SGI/S GCI S
Motor S 70 B 56	5576	850 CSi	G-BM-019	V12	1 2 3	86.00 86.00 86.00	1.50 1.75 2.50	CRIB NTF TPOR	SGI/S GCI S
Motor M 30 B 25	2494	2500, 525, 728, 525 i, 728 i	G-BM-020	6	1 2 3	86.00 86.00 86.00	1.75 2.00 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor 128, M 30 B 28 L, M 30 B 28	2788	2800, 2800 CS, 728, 528, 528 i, 728 i, 628 CSi							
Motor S 50 B 32 S 50 B 32 US	3201	M3, Roadster, M 3 (USA)	G-BM-021	6	1 2 3	86.40 86.40 86.40	1.20 1.50 2.00	CIB NTF TPOR	SGI/S GCI S
Motor M 60 B 40	3982	540 i, 740 i, 840 Ci	G-BM-022	V8	1 2 3	89.00 89.00 89.00	1.50 1.50 2.00	CRIB NTF TPOR	SGI/S GCI S
Motor M 60 B 40	3982	540 i, 740 i, 840 Ci	G-BM-022	V8	1 2 3	89.00 89.00 89.00	1.50 1.50 2.00	CIB NTF TPOR	SGI/S GCI S
Motor M 30 B 30 M.E. 7	2986	730 i, 530 i,	G-BM-023	6	1 2 3	89.00 89.00 89.00	1.50 2.00 3.50	CRIB NTF CHSL-B	SGI/S GCI GCI
Motor M 30 B 32 LA	3210	745 i							



GRINDLAYS

PISTON RINGS

Motor M 10 B 18	1767	318, 518	G-BM-024	4	1 2 3	89.00 89.00 89.00	1.75 2.00 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor M 10 B 18 K M 10 B 18 L.U M 10 B 18 S M 10 B 18 L.E M 10 B 18 LU M 10 B 18 LE	1766	320 i(USA, SWE, AUS) 318 i, 518, 316 1.8, 316 i (Export), 318 i, 518 i, 518 E28, 518 i E 28, 316 E21, 316 E30, 320 i (USA)		4					
Motor M 10 B 20 M 10 B 20 E M 15 E 12 121, E 20	1990	2002 ti, 2000 CS, 2000 tii, 2000 tii touring 2002 tii, 2002/520 (USA)		6					
Motor M 30 B 30	2985	320 i, 520 i, 2002 turbo, 320		6					
Motor M 30 B 32 M M 30 B 32 M/L M 30 B 32 M M 30 B 32	3205	3000(USA), 528/530 i/ 630 i (USA), 3.0, B.3.0 L, 3.0 Si, 3.0 CSi, 630, 730		6					
Motor M 30 B 32 L.U M 30 B 32 M	3210	3.0, 3.3 Li, 633 CSi, 732 i, 733 i, 635 CSi, 633 CSi (USA) 3.3 Li/ 633 CSi (USA) 732 i (USA) 733 i (USA) 533 i, 633 CSi, 728 i, 732 i, 733 i (JAP,							



GRINDLAYS

PISTON RINGS

		USA)							
Motor M 30 B 34 ME M 30 B 34 MA M 30 B 34 M.45 M 30 B 35 ME 7	3430	635 CSi, 735 i, 535 i, 745 i, 635 CSi (USA) 735 i (USA) 535 i (USA)	G-BM-025	6	1 2 3	92.00 92.00 92.00	1.50 2.00 3.50	CRIB NTF CHSL-B	SGI/S GCI GCI
Motor M62B44LEV	4398	540 i,-740 i-840 i	G-BM-026	8	1 2 3	92.00 92.00 92.00	1.50 1.50 2.00	C NTF TPOR	SGI/S GCI S
Motor B 36	3535	M 5	G-BM-027	6	1 2 3	93.40 93.40 93.40	1.50 1.50 2.50	CRIB NTF TPOR	SGI/S GCI S
Motor M 3	2302	M 3	G-BM-028	4	1 2 3	93.40 93.40 93.40	1.50 1.50 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor M 88/3	3453	M 5 M 635 CSi		6					
Motor M 30 B 34/35		535 i, 635 CSi, 735 i,	G-BM-029	6	1 2 3	93.40 93.40 93.40	1.50 2.00 3.50	CRIB NTF TPOR	SGI/S GCI S
Motor M 30 B 35 L	3453	635 CSi, 535 i, 735 i	G-BM-030	6	1 2 3	93.40 93.40 93.40	1.75 2.50 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor B 38	3795	M 5	G-BM-031	6	1 2 3	94.60 94.60 94.60	1.50 1.50 2.50	CRIB NTF TPOR	SGI/S GCI S



CATERPILLAR



GRINDLAYS

PISTON RINGS

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B  (Thickness)		
Dieselmotor D 330	5740	D 4, Truck 1670, Traktor, 922, 944, 950, 955, 966, Pipe Layer, Traxcavator 112 Grade	G-CA-001	4	1 2 3	114.30 114.30 114.30	1/8" 3/32" 7/32"	CRIB CTFIB CHSL-B	GCI GCI GCI
Dieselmotor D 333	8662	D 5, D 6, D 7 F, Traktor, 966, 977, Wheel Loader, Traxcavator, 12, 14, 120 Motor, Grader, 561 Pipe Layer		6					
Dieselmotor 3304	7000	Loader 931, 941, 950, 951, Traktor, D 3, D 4, D 5, Wheel Loader, 910, 955, Skidder 518	G-CA-002	4	1 2 3	120.65 120.65 120.65	1/8" 3/32" 7/32"	CR CTFIS CHSL-B	SGI GCI GCI
Dieselmotor 3306	10500	Grader 12, Traktor D 5, D 6, 814, 816, Pipelayer 561, 751, Wheel Loader 966, Skidder		6					



GRINDLAYS

PISTON RINGS

Dieselmotor 1673 C, D 330 C		528		4					
Dieselmotor 3304	6947			4					
Dieselmotor 3306	10420	Crawler Dozer D 7 F, Wheel Loader 980 B, Pipelay 571 F, 572 F, Scraper, Wheel Loader 627, 637, Motor Grader 14 D		6					



CHRYSLER

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM	No. of Cyl. / Set	Piston Ring Size (mm)	Specificati on / Ring Type	Material
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GRINDLAYSTECH

PISTON RINGS

			Series No.						
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor J8S	2068	Jeep Cherokee	G-CH-001	4	1 2 3	86.00 86.00 86.00	2.50 2.50 3.00	CRFK NTF CHSL-B	SGI GCI GCI
Dieselmotor	2100	Jeep Cherokee	G-CH-002	4	1 2 3	86.00 86.00 86.00	2.50 2.50 4.00	CRFK NTF CHSL-B	SGI GCI GCI
Motor	2213	Le Baron Laser	G-CH-003	4	1 2 3	87.50 87.50 87.50	1.50 1.50 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor VG72	2972	Voyager	G-CH-004	V6	1 2 3	91.10 91.10 91.10	1.50 1.50 4.00	CR CRTF TPOR	SGI GCI S
Dieselmotor HR 92.4 S-H	2500	Voyager Cherokee	G-CH-005	4	1 2 3	92.00 92.00 92.00	2.50 2.00 4.00	CRFK NTF CHSL-B	SGI GCI GCI
Motor	3300	Voyager	G-CH-006	6	1 2 3	93.00 93.00 93.00	1.50 1.50 3.00	CRIB NTF TPOR	SGI/S GCI S
Dieselmotor		Pick-up	G-CH-007	4	1 2 3	98.48 98.48 98.48	3/32" 3/32" 3/16"	CRIB CIB BPSL	GCI GCI GCI
Dieselmotor		Dodge AS 900	G-CH-008	2	1 2 3	100.00 100.00 100.00	3.00 2.50 4.00	CRFK CTF CHSL-B	SGI GCI GCI



CITROEN



GRINDLAYS

PISTON RINGS

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B  (Thickness)		
Motor A 79-I	435	2 CV, 2 CV 4, Dyane 4, Aya 2	G-CI-001	2	1 2 3	68.50 68.50 68.50	1.75 2.00 4.00	CRIB N BPSL	GCI GCI GCI
Motor TU 9	954	AX	G-CI-002	4	1 2 3	70.00 70.00 70.00	1.50 1.50 3.00	CRIB CTF TPOR	SGI/S GCI S
Motor 108 C	954	AX 10, Visa 10	G-CI-003	4	1 2 3	70.00 70.00 70.00	2.00 2.00 4.00	CRIB NTF DB-PSL	GCI GCI GCI
Motor 109/5	1124	Visa LNA, Visa, BX 11	G-CI-004	4	1 2 3	72.00 72.00 72.00	1.50 2.00 4.00	CRIB CTF TPOR	SGI/S GCI S
Motor	1015	AMI Super, Super 6, Break GS, MMS 4, AMF2, GSA, GSX 2	G-CI-005	4	1 2 3	74.00 74.00 74.00	1.50 2.00 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor	602	2 CV 6, Dyane 6, AMI 6, AMI 8		2					
Motor M 28-1, M 28, AK 2, AM, 2M, AO6/635, AY	602	2 CV 6, Dyane, Mehari, FAF, AK 400, Fourgonette, Acadiane, Berlina, AMI 6 Typ AM 2, AMI 8 Typ AM 3, LN	G-CI-006	2	1 2 3	74.00 74.00 74.00	1.75 2.00 3.50	CRIB NTF TPOR	SGI/S GCI S
Motor G 11/361	1129	GSA, GSX, Oitcit, Axel		4					
Motor	1129	GS/GSX 1130, GSX/G Special	G-CI-007	4	1 2 3	74.00 74.00 74.00	1.75 2.00 4.00	CRIB NTF TPOR	SGI/S GCI S



GRINDLAYS

PISTON RINGS

Motor TU 3 M, CZ/M/Z/2 K, K 2 D Motor TU 3 A	1360 1361	ZX, Berlingo AX, BA, ZX	G-CI-008	4	1 2 3	75.00 75.00 75.00	1.75 2.00 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor 129/5 Motor XY 8	1219 1360	Visa Visa, GT	G-CI-009	4	1 2 3	75.00 75.00 75.00	1.75 2.00 4.00	CRIB NTF TPOR	SGI/S GCI S
Dieselmotor TUD 3	1361	AX, 1 uD/RD/TRD, ZK	G-CI-010	4	1 2 3	75.00 75.00 75.00	2.25 1.75 3.00	CR CTF PSL	SGI GCI GCI
Motor R/V 06/630 R/V 06/644- M29	652	LNA, Visa, A 4x4, Axei, Oltcit	G-CI-011	2	1 2 3	77.00 77.00 77.00	1.50 2.00 3.00	CRIB N TPOR	SGI/S GCI S
Motor Motor	652 1222	LNA, Visa, Spezial, Club, GS 1220/Break, GS/Club/Pall as, GSX2	G-CI-012	2 4	1 2 3	77.00 77.00 77.00	1.75 2.00 4.00	CR N BPSL	SGI/S GCI GCI
Dieselmotor YUD 5, ATMO	1527	AX, Saxo, Xsara	G-CI-013	4	1 2 3	77.00 77.00 77.00	2.00 1.75 3.00	CR CTFIB CHSL-B	SGI/S GCI GCI
Motor TU 5 JP	1587	Saxo 1600	G-CI-014	4	1 2 3	78.50 78.50 78.50	1.50 1.50 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor TU 5 JP	1587	106, 206, 307, Partner all types 110 Saxo, C3, Xsara, Berlingo all 16 V	G-CI-015	4	1 2 3	78.50 78.50 78.50	1.20 1.50 2.50	CR NTF TPOR	SGI/S GCI GCI
Motor G 13/615, T 13/635	1299	GSA, Axel 12	G-CI-016	4	1 2 3	79.40 79.40 79.40	1.50 2.00 3.00	CR N BPSL	SGI/S GCI GCI



GRINDLAYS

PISTON RINGS

Motor G 13/615	1299	GSA/GSX Axel 7 CV	G-CI-017	4	1 2 3	79.40 79.40 79.40	1.50 2.00 3.50	CR N BPSL	SGI/S GCI GCI
Dieselmotor XUD 7, 161 A	1769	Visa, C 17 D, C 15 D, BX, ZX, Berlingo, Xsara	G-CI-018	4	1 2 3	80.00 80.00 80.00	2.00 2.00 3.00	CR CTF CHSL-B	SGI/S GCI GCI
Dieselmotor TUD 3		AX	G-CI-019	4	1 2 3	80.00 80.00 80.00	2.25 1.75 3.00	CR CTF CHSL-B	SGI GCI GCI
Dieselmotor XUD 7 TE	1769	BX 19	G-CI-020	4	1 2 3	80.00 80.00 80.00	3.00 2.00 3.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor DW 8/B	1868	Berlingo, Dispatch, Jumpy, Xsara, C 15 Expert, Partner, 206, 306 all 1.9 D	G-CI-021	4	1 2 3	82.20 82.20 82.20	2.00 2.00 3.00	CR NTF CHSL-B	SGI/S GCI GCI
Motor XU 5 JP/Z Motor XU 7 JP/Z Motor XU 7 JP 4 Motor XU 9 J 4/J 4Z	1580 1762 1761 1905	Xantia, ZX ZX, Xantia, Berlingo, Xsara Berlingo BX 19 GTI	G-CI-022	4	1 2 3	83.00 83.00 83.00	1.50 1.50 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor XU 5 M/4Z 180-A (XU 5 J) Motor XU 9, XU 9 2 C, XU 9 J 2, 159 A,	1580 1905	ZX Visa GTI BX, Evasion, BX 19, ZX	G-CI-023	4	1 2 3	83.00 83.00 83.00	1.50 1.50 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor 171 BZ, XU 5 S, XU 52 C	1580	BX 16 BX 15	G-CI-024	4	1 2 3	83.00 83.00 83.00	1.75 1.75 4.00	CRIB NTF TPOR	SGI/S GCI S



GRINDLAYS

PISTON RINGS

Dieselmotor XUD 9, XUD 9A	1905	BX 19D/TRD, ZX, C 25, Xantia, Expert, Jumpy, Jumber, Berlingo, Xsara	G-CI-025	4	1 2 3	83.00 83.00 83.00	2.00 2.00 3.00	CR CTF CHSL-B	SGI/S GCI GCI
Dieselmotor XUD 9 TE XUD 9 TF	1905	BX, ZX, Xantia, Jumber, ZX, Evasion, Xsara, Jumpy	G-CI-026	4	1 2 3	83.00 83.00 83.00	3.50 2.00 3.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor XUD 11 ATE XUD 11 BTE, XUD 11 ATE/L	2088	XM D 12 Turbo XM, Xantia	G-CI-027	4	1 2 3	85.00 85.00 85.00	3.00 2.00 3.00	CRFK CTF CHSL-B	SGI GCI GCI
Motor EW 10J4- RFN	1997	Evasion, XSARA, C5, 206, 307, 406, 807	G-CI-028	4	1 2 3	85.00 85.00 85.00	1.20 1.50 2.50	CIB NTF TPOR	GCI GCI GCI
Motor XU 10 J 4 RS	1998	Xsara 2.0, 16V VTS, Xantia 2.0i, 16V SX, Evasion 2.0i, 16V X	G-CI-029	4	1 2 3	86.00 86.00 86.00	1.50 1.50 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor XU 10 2C, XU 10 J2, XU 10 J2Z,F J2/MZ XU 10 J4, DZ XU 10 J4 RZ	1998	XM, Xantia, Evasion, Jumper, ZX, 2.0X/2.05X, Boxer, ZM, Xsara, BZ	G-CI-030	4	1 2 3	86.00 86.00 86.00	1.50 1.75 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor M 20-615/30 N	1985	CX 2000, Break, Nomale, Super, Pallas, Confort	G-CI-031	4	1 2 3	86.00 86.00 86.00	1.75 2.00 4.00	CRIB NTF TPOR	SGI/S GCI S



GRINDLAYSI

PISTON RINGS

Motor C 35	1985	ID 19 F, DS 19 A, ID 20, DS 20, D-Super, D-Special	G-CI-032	4	1 2 3	86.00 86.00 86.00	2.00 2.00 5.00	CR NTF BPSL	SGI/S GCI GCI
Dieselmotor XUD 11 A	2138	XM D 12	G-CI-033	4	1 2 3	86.00 86.00 86.00	2.50 2.00 3.00	CRIB CTF CHSL-B	SGI GCI GCI
Motor ES9J4	2946	Xantia 2.9 24V	G-CI-034	6	1 2 3	87.00 87.00 87.00	1.50 1.50 3.00	CRIB NTF TPOR	GCI GCI GCI
Motor XN 1 T	1971	C 25	G-CI-035	4	1 2 3	88.00 88.00 88.00	1.50 2.00 4.00	CRIB CTF TPOR	SGI/S GCI S
Motor 829.A5	1995	CX 20 RE/TRE	G-CI-036	4	1 2 3	88.00 88.00 88.00	1.75 2.00 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor J 6 TA	2165	CX 22, TRS							
Dieselmotor M 22/621 B 22/615	2175	CX 2200 C 35	G-CI-037	4	1 2 3	90.00 90.00 90.00	2.00 2.00 4.00	CR N CHSL-B	SGI/S GCI GCI
Motor M 22-617/33 N	2175	CX 2200	G-CI-038	4	1 2 3	90.00 90.00 90.00	2.00 2.00 5.00	CR NTF TPOR	SGI/S GCI S
Dieselmotor DJ 5	2446	Jumper 2.5D	G-CI-039	4	1 2 3	92.00 92.00 92.00	2.25 2.00 3.00	CR NTF CHSL-B	SGI GCI GCI
Dieselmotor DJ5TED DJ5T	2446	Relay TD Jumper 2.5 TD	G-CI-040	4	1 2 3	92.00 92.00 92.00	3.50 2.00 3.00	CRFK NTF CHSL-B	SGI GCI GCI
Motor ZPJ, ZPJ4		XM 30, XM V6.24 Pallas	G-CI-041	6	1 2 3	93.00 93.00 93.00	1.50 1.75 3.50	CRIB NTF TPOR	SGI/S GCI S



GRINDLAYS

PISTON RINGS

Dieselmotor M 25/659	2500	CX 25 Prestige, GTI, Pallas IE	G-CI-042	4	1 2 3	93.00 93.00 93.00	2.00 2.00 3.50	CR N TPOR	SGI/S GCI S
Dieselmotor M 25/629	2500	CX 2500 Diesel Pallas, Confort, Familiale, Super Break, Reflex	G-CI-043	4	1 2 3	93.00 93.00 93.00	2.00 2.00 4.00	CR N TPOR	SGI/S GCI S
Dieselmotor M22/629, 25/629/637/6 60/661	2500	CX 2500/25 RD/TRD, C 35 RD	G-CI-044	4	1 2 3	93.00 93.00 93.00	2.50 2.00 4.00	CR CTF CHSL-B	GCI GCI GCI
Dieselmotor M22/629	2500	CX 2500	G-CI-045	4	1 2 3	93.00 93.00 93.00	3.00 2.00 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Motor	2347	DS 23, DS 23 inj., CX 2400, Prestige, Super, Pallas, Break, Familiale, Reflex	G-CI-046	4	1 2 3	93.50 93.50 93.50	2.00 2.00 4.00	CR N BPSL	GCI GCI GCI



CUMMINS

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor 3B2.9	2900	BN 25, CD 85, CN 96	G-CU-001	3	1	102.00	3/32"	CR	SGI
Dieselmotor 4B3.9, 4-390	3900			4	2	102.00	3/32"	CTFIB	GCI
Dieselmotor 6B5.9, 6-590	5900			6	3	102.00	4.00	CHSL-B	GCI



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PISTON RINGS

Dieselmotor 3BT2.9	2900	BN 25, CD 85, CN 96	G-CU-002	3	1	102.00	3.00	CRFK	SGI
Dieselmotor 4BT3.9, 4T-390	3900			4	2	102.00	3/32"	CTFIB	GCI
4BTA3.9					3	102.00	4.00	CHSL-B	GCI
Dieselmotor 6BT5.9, 6T-590, 6BTA5.9	5900			6					



DAEWOO

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Motor 3EA, YSE, F6B	796	Matiz, Tico, Cielo	G-DA-001	3	1	68.50	1.20	CR	SGI/S
					2	68.50	1.50	CTF	GCI
					3	68.50	2.80	TPOR	GCI



GRINDLAYSTECH

PISTON RINGS



DAF

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specificati on / Ring Type	Material
					Position	D Ø (dia)	B  (Thickness)		
Dieselmotor XD 3 P	2498	Baureihe 400EN	G-DA-001	4	1 2 3	94.00 94.00 94.00	2.00 2.00 4.00	CR N CHSL-B	SGI/S GCI GCI



GRINDLAYS ENGINE

PISTON RINGS

Dieselmotor XD 3 T	2498	Baureihe 400ET	G-DA-002	4	1 2 3	94.00 94.00 94.00	3.00 2.00 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor 2500 cm	2500	BN 25, CD 85,	G-DA-003	4	1	102.00	3/32"	CR	SGI
Dieselmotor 2900cm	5900	CD 96		6	2 3	102.00 102.00	3/32" 4.00	CTFIB CHSL-B	GCI GCI
Dieselmotor CT 108 L	5880	45, 150	G-DA-004	6	1 2 3	102.00 102.00 102.00	3.00 2.385 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor DF 615 DT 615, DTD 615	6170	Baureihe 900, 100, 1200, 1400, 1600, A 1600 DF/DT/FT, 1200 FA/FT, 1400 FA/FT, DSD, A 1700, T 1700, V 1700,FAV 1800, FA 1300, A 1500, FT 1500, FA 1600, FT 1600, FA 1690	G-DA-005	6	1 2 3 4 5	104.175 104.175 104.175 104.175 104.175	2.50 2.50 2.50 6.00 6.00	CR CTF CTF PSL SOR	GCI GCI GCI GCI GCI
Dieselmotor DNS 620, DNT 620, DN 620, NT 133	6239	Baureihe 1900, Baureihe 1100, 1300, 1700, FA 1300, FA 1700, NT	G-DA-006	6	1 2 3	104.175 104.175 104.175	3.00 2.50 4.00	CRFK CRTF CHSL-B	SGI GCI GCI
Dieselmotor DH825	8250	1602, 2000, 2005, 2100, 2105, 2205, 2300, 2305, 2500, 2505, 2525	G-DA-007	6	1 2 3 4	118.00 118.00 118.00 118.00	3.00 3.00 3.00 6.00	CR CTF CTF CHSL-B	SGI GCI GCI GCI
Dieselmotor DH/DHB/DU/ DHS /DHU/DHDT/D HR/ DHT/DHTD/H/ S 825	8250	F 1800, FA/FM/FT /SB 2000, FA/FAZ/FMT/F TF/FTR- S/FAR- S/FAS/FT	G-DA-008	6	1 2 3 4	118.00 118.00 118.00 118.00	3.50 3.00 3.00 6.00	CRFK CTF CTF CHSL-B	SGI GCI GCI GCI



GRINDLAYS

PISTON RINGS

		/FAT/FTT 2200, FA 2205, FA 200-5, Marinemotor, Industriemotor, FA/FT 2100, FA 2105, FA/FAR/FAT/F T/FAG 2300, FA/FAG/FT/SB 2305, DHS/FAR/FT 2500, FA/ FAG/FAT 2505, FAT 2525							
Dieselmotor Euro 2 RS 180 Euro 1, RS 200 Euro 1, RS 222 Euro 1	8250	FA 75.24. FA 75.270 FA 75.300	G-DA-009	6	1 2 3	118.00 118.00 118.00	3.50 3.00 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor 1160	11630	325, 360, 475, 2400, 200, 201	G-DA-010	6	1 2 3 4	130.00 130.00 130.00 130.00	1/8" 1/8" 1/8" 1/4"	CR CTF CTF CHSL-B	SGI GCI GCI GCI
Dieselmotor DK/DKB/DKA/ DKL/ DKSE/DKS/DK V/ DKVL/DKSB/D KFL /DKXE/DKCL/D HS /DKZ/DKT/DKT D/ DKTL/DKX/DK XE/ DKZ/ATI/DKSE 1160	11630	DK 360/464/475, ATE 2400, FA/FT/ Baureihe/FITT/ FAS 2600, DKB 325/360/390/39 2/447 /450/460/475/5 00/540, FAT/F/FAS 2605, Marinemotor, Industriemotor, DKA 280/310/350/36 0/475 MB 200, SB 201, DKS	G-DA-011	6	1 2 3 4	130.00 130.00 130.00 130.00	1/8" 1/8" 1/8" 1/4"	CRFK CTF CTF CHSL-B	SGI GCI GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor LT Euro 1	11620	325/340/360/380 /390 /450/475/500/540, FA/FAR/FAT/F T 2800, FA/FAT/FTN 2805 Ati, FAR/FTR 3300, FA/FT/FAG 3305, FAD/FAT/FITT/ FTG 3325, DKTD 325/360/380/390/392/ 447/450/475/500/540 FAS 2200, FA/FAR/FAS/F AT/FTR/FTT 2805, ATI 3300/3305/3325/ 3603/3625		6					
Dieselmotor 1160	11630	325, 360, 464, 475, 2400, 200, 201	G-DA-012	6	1 2 3 4 5	130.00 130.00 130.00 130.00 130.00	1/8" 1/8" 1/8" 1/4" 1/4"	CR CTF CTF CHSL-B SOR	SGI GCI GCI GCI GCI
Dieselmotor 1160 ATI	11630	ATI-Baureihe	G-DA-013	6	1 2 3	130.00 130.00 130.00	1/8" 1/8" 1/4"	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor 1160 WS	11630	95, 310, 95, 350, 95, 380	G-DA-014	6	1 2 3	130.00 130.00 130.00	4.00 1/8" 4.00	CRFK CTF CHSL-B	SGI GCI GCI



GRINDLAYSTECH

PISTON RINGS

Dieselmotor WS 225, WD 259, WS 282, WS 242G, WS 268 G, WS 295 G, WS 242 L Euro 1, WS 268 L Euro 1, WS 295 L Euro 1, WS 315 L Euro 1	11622	FA/FT 95.310, ATi, FA/FAR/FAT/F T 95.350, FA/FAR/FAS/F AT/FT/FTG /FTS/FTT 95.380, Ati, FA 95.330, FA/FAD/FAR/F AT 95.360, FA/FAD/FAR/F AS/FAT 95.400, FA 85.330, FAS 85.360, FA/FAR/FAS/F AT 95.400, FA/FAD/FAR/F AS/FAT/FT 95.430	G-DA-015	6	1	130.00	4.00	CRFK CRTF CHSL-B	SGI GCI GCI
					2	130.00	1/8"		
					3	130.00	4.00		
Dieselmotor WS 242 Euro 2, WS 268 Euro 2, WS 295 Euro 2, WS 315 Euro 2	11630	FA 85.300, FA 85.360, FA/FAR/FAT 95.360, FA/FAR/FAS/F AT 95.40, FA/FAD/FAR/F AS/FAT/FT 95.430		6					
Dieselmotor WS 315	11600	Marinemotor		6					



DAIMLER CHRYSLER

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Motor M 160 E 06 M 169 E 06	599	Smart & Pulse Smart Cabrio, Smart & Pure	G-DA-CH-001	3	1 2 3	63.50 63.50 63.50	1.20 1.50 2.50	CR CTF TPOR	SGI/S GCI S



GRINDLAYS

PISTON RINGS

Dieselmotor OM 660 DE 0.8 LA	799	Smart CDI	G-DA-CH-002	3	1 2 3	65.50 65.50 65.50	1.50 1.50 2.50	C CTF BPSL	SGI/S SGI/S SGI/S
Motor M 160/1	799	Smart City, Coupe, Smart Roadster	G-DA-CH-003	3	1 2 3	66.50 66.50 66.50	1.20 1.50 2.50	CR CTF TPOR	SGI/S GCI GCI
Motor M 160/1	799	Smart City, Coupe, Smart Roadster	G-DA-CH-004	3	1 2 3	66.50 66.50 66.50	1.20 1.50 2.50	C CTF TPOR	SGI/S GCI GCI
Dieselmotor OM 636.914.919/ 930/931/934	1767	170, 180, L 319, O 319, L 405, L 406, Unimog 411.110/ 118/119/120, U 30, U 32, U 34	G-DA-CH-005	4	1 2 3 4	75.00 75.00 75.00 75.00	2.00 2.00 2.00 4.00	CRIB CTF NTF BPSL	SGI/S GCI GCI GCI
Dieselmotor OM 636.914.919/ 930/931/934	1767	170, 180, L 319, O 319, L 405, L 406, Unimog 411.110-118- 119-120, U30, U 32, U 34, 401, 402	G-DA-CH-006	4	1 2 3 4 5	75.00 75.00 75.00 75.00 75.00	2.00 2.00 2.00 5.00 5.00	CRIB CTF NTF BPSL BSOR	SGI/S GCI GCI GCI GCI
Motor M 166.940	1397	A 140	G-DA-CH-007	4	1 2 3	80.00 80.00 80.00	1.20 1.75 3.00	CR NTF TPOR	SGI/S GCI GCI
Motor M 166.960	1598	A 160							
Dieselmotor OM 668 DE LA 16 OM 668 DE LA 17	1689	A 160 A 170 Turbodiesel	G-DA-CH-008	4	1 2 3	80.00 80.00 80.00	2.00 2.00 3.00	CR CTFIB CHSL-B	SGI/S GCI GCI
Motor M 271	1796	C 180, C 200, C 230 Kompressor	G-DA-CH-009	4	1 2 3	82.00 82.00 82.00	1.20 1.50 2.50	C NTF TPOR	SGI/S GCI GCI
Motor B 275	5513	S 600, CL 600		12					



GRINDLAYS

PISTON RINGS

Motor M 103 E 26.940.943 26.941.943 Motor M 103 E 26.984.987 Motor M 103 E 26	2599 2597 2599	190 E 2.6, 260 E, 260 SE 190 E 2.6, 260 E, 260 SE, 300E 2.6 (USA) 190 E 2.6, 260 E, 260 SE (Export)	G-DA-CH-010	6 6 6	1 2 3	82.90 82.90 82.90	1.50 1.75 3.00	CRIB NTF CHSL-B	SGI/S GCI GCI
			G-DA-CH-011		1 2 3	82.90 82.90 82.90	1.50 1.75 3.00	CIB NTF BPSL	SGI/S GCI SGI/S
Motor M 112 E 24	2398	E 240	G-DA-CH-012	V6	1 2 3	83.20 83.20 83.20	1.50 1.75 3.00	CIB NTF TPOR	SGI/S GCI S
Motor M 137 E 58	5786	S 600, CL 600	G-DA-CH-013	V 12	1 2 3	84.00 84.00 84.00	1.20 1.50 2.50	C NTF TPOR	SGI/S SGI S
Motor M 166 E 19	1898	A 190	G-DA-CH-014	4	1 2 3	84.00 84.00 84.00	1.20 1.75 2.50	C NTF TPOR	SGI/S GCI S
Motor M 111 E 18.920 M 111 E 18.920 NV M 111 E 18	1799	C 180	G-DA-CH-015	4	1 2 3	85.30 85.30 85.30	1.50 1.75 3.00	CIB NTF TPOR	SGI/S GCI S
Motor M 123.920 M 123.921 Motor M 110.931.933/ 991.993 M 110.931.933/ 991.993 M 110.994 M 110.921.926 M 110.981.980	2525 2746	250 280 E, 280 SE (USA, CH), 280 GE, U 110, 280, 280 SL	G-DA-CH-016	6 6	1 2 3	86.00 86.00 86.00	1.75 2.50 4.00	CRIB NTF CHSL-B	SGI/S GCI GCI



GRINDLAY TECH

PISTON RINGS

M 110.921.926 M 110.981.990									
			G-DA-CH-017		1 2 3	86.00 86.00 86.00	1.75 2.50 4.00	CRIB NTF TPOR	SGI/S GCI S
Dieselmotor OM 628	3996	S, ML+ G 400 CDI	G-DA-CH-018	8	1 2 3	86.00 86.00 86.00	2.50 2.00 3.00	C NTF BPSL	SGI/S GCI GCI
Motor M 130	2778	250, 280 S, 300 S	G-DA-CH-019	6	1 2 3 4	86.50 86.50 86.50 86.50	2.00 2.00 2.50 4.00	CR CTF NTF TPOR	SGI/S GCI GCI GCI
Motor M 130.920.925/ 933 /983/923/980. 984	2778	280 S, 280 SE, 280 SL, 250 C, 300 SE, U 110, 404, 404 (USA)	G-DA-CH-020	6	1 2 3	86.50 86.50 86.50	2.00 2.50 4.00	CR NTF TPOR	SGI/S GCI GCI
Dieselmotor OM 621	1988	180 D, 190D, 406 D, 200D, 319 D, 405D	G-DA-CH-021	4	1 2 3 4	87.00 87.00 87.00 87.00	1.50 1.50 2.50 5.00	CRIB CTFIB NTF TPOR	SGI/S GCI GCI GCI
Motor M 115	1988	200	G-DA-CH-022	4	1 2 3	87.00 87.00 87.00	1.50 2.50 4.00	CRIB NTF TPOR	SGI/S GCI GCI
Motor M 115.923/926/ 938/939	1988	200, O 309 B, L 408 GC	G-DA-CH-023	4	1 2 3	87.00 87.00 87.00	1.75 2.50 4.00	CRIB NTF TPOR	SGI/S GCI S
Dieselmotor OM 621	1988	180 D, 190D, 406 D, 200D, 319 D, 405D	G-DA-CH-024	4	1 2 3 4	87.00 87.00 87.00 87.00	2.00 2.00 2.00 5.00	CR CTFIB CTFIB BPSL	SGI/S GCI GCI GCI
Dieselmotor OM 601.911/912 Dieselmotor OM 601.921 Dieselmotor	1997 2197 2497	190 D, 200 D 190 D (USA) 190 D 2.5, 250	G-DA-CH-025	4 4 5	1 2 3	87.00 87.00 87.00	2.00 2.00 3.00	CR CTFIB CHSL-B	SGI/S GCI GCI



GRINDLAYSTECH

PISTON RINGS

OM 602 D 25 Dieselmotor OM 603 D 30, OM 606 D 30	2996	D 300 D, E 300 Diesel		6					
Dieselmotor OM 615.940/ 943/944 Dieselmotor OM 615.910/ 911/912/916 /917/941	1988 2197	200 D, 206D, 207 D, 306 D 220 D, L 206 D, L 306 D, O 309 D, L 406 G, L 408 G, Unimog, U 45/421 U 52/421,	G-DA-CH-026	4 4	1 2 3	87.00 87.00 87.00	2.00 2.00 4.00	CR CTFIB CHSL-B	SGI/S GCI GCI
Motor M 115.900/920/ 921/ 922/924/927/ 928/ 929/932/933/ 934/ 935	2197	220, O 309, L 408, L 408 (USA)	G-DA-CH-027	4	1 2 3	87.00 87.00 87.00	2.00 2.50 4.00	CR NTF TPOR	SGI/S GCI GCI
Motor M 115 Motor M 115	1998 2197	200 220, O 309, L 408	G-DA-CH-028	4	1 2 3	87.00 87.00 87.00	2.00 2.50 5.00	CR NTF TPOR	SGI/S GCI GCI
Dieselmotor OM 601.911/912/ 913 Dieselmotor OM 602.911/912/ 930 /931/938/939 OM 605 D25.910/911/ 912/917 OM 605 LA Dieselmotor OM 603.912/913	1997 2497 2996	190 D, 200D, C 200 D, E 200 D, E 200 D 190 D 2.5, 250 D, 310 D, 410 D, C 250 D, E 250 D, E 250 TD, C 250, Turbodiesel 300 D, 300 GD, 300 D Turbo, 300 D/300 SD,	G-DA-CH-029	4 5 6	1 2 3	87.00 87.00 87.00	2.50 2.00 3.00	CR CTFIB CHSL-B	SGI GCI GCI



GRINDLAYS

PISTON RINGS

OM 603 A.961/960/ 963 OM 606.910/912 OM 606 LA Dieselmotor OM 602 A.911/961/96 2/993	2496	Turbo (USA), E 300 TD, E 300 D, S 300 TD 190 D 2.5/250 D, Turbo, E 250 TD		5					
Dieselmotor OM 615.913/915 Dieselmotor OM 615.910/911/ 912/ 914/916/917/ 918/919/ 930/936/937/ 938/939/ 941	1988 2197	200 D, 206 D, 306 D 220 D, 206 D, 306 D, 309 D, 406 D, 409 D, O 309 D, Unimog, U 45/421, U 52/421	G-DA-CH-030	4 4	1 2 3	87.0 87.00 87.00	3.00 2.00 4.00	CRIB CTFIB CHSL-B	SGI/S GCI GCI
Motor	1700	190 E 1.8	G-DA-CH-031	4	1 2 3	87.50 87.50 87.50	1.75 2.00 3.50	CRIB NTF CHSL-B	SGI/S GCI GCI
Motor M 116 V 8.962/963 M 116 V 8	3839	380 SE, 380 SL, 380 SL (Export)	G-DA-CH-032	V8	1 2 3	88.00 88.00 88.00	1.50 2.00 3.50	CRIB NTF CHSL-B	SGI/S GCI GCI
Dieselmotor OM 611 DE 22 LA Dieselmotor OM 611 DE22LA/OM 646 Dieselmotor OM 647 Dieselmotor OM 648	2200 2151 2688 3226	C 220 CDL. E 220 CDI 200 CDI 220 CDI 270 CDI 320 CDI	G-DA-CH-033	4 4 5 6	1 2 3	88.00 88.00 88.00	2.50 2.00 3.00	C CTFIB CHSL-B	SGI/S GCI GCI
Motor M 103 E 30.980/981/9 82/985/983/9 84/987	2962	300 E, 300 SE, 300 SL, 300 GE/TE	G-DA-CH-034	6	1 2 3	88.50 88.50 88.50	1.50 1.75 3.00	CRIB NTF CHSL-B	SGI/S GCI GCI



GRINDLAYS

PISTON RINGS

Motor M 104 E 30.980/981	2960	300 SL 24, 300 CE 24		6					
Motor M 103 E 30.980/981/9 82/ 985/983/984/ 987 Motor M 104 E 30.980/981	2962 2960	300 E, 300 SE, 300 SL, 300 GE/TE 300 SL 24, 300 CE 24	G-DA-CH-035	6 6	1 2 3	88.50 88.50 88.50	1.50 1.75 3.00	CIB NTF BPSL	SGI/S GCI S
Motor M 120 E 60	5987	600 SE/SEL 600 SL	G-DA-CH-036	V12	1 2 3	89.00 89.00 89.00	1.50 2.00 3.00	CIB NTF BPSL	SGI/S GCI S
Motor M 102 E 18, 102.910 Motor M 102 V 20.920/921 /961/924/922/ 964/ 938/939 M 102 E 20.920/921 /922/961/962/ 963/ 964/965 Motor M 102 E 20, M 102 V 20, M 102 V 20.938/939	1797 1997 1996	190 E 1.8 190, 200, 190 E, 200 T, 200 E, 200 GE, 190 (Export) 190 E, 200 E, 200 GE (I), 190, 200, 200 (Export)	G-DA-CH-037	4 4 4	1 2 3	89.00 89.00 89.00	1.75 2.00 3.50	CRIB NTF CHSL-B	SGI/S GCI GCI
Dieselmotor OM 603 D 35 A Dieselmotor OM 601.900/940/ 941/942/943	3449 2299	350 SD, 350 GF Turbo 208, 308, 408, 508, Sprinter	G-DA-CH-038	6 4	1 2 3	89.00 89.00 89.00	2.50 2.00 3.00	CRIB NTF CHSL-B	SGI GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor OM 602.900/ 940/942 /946/947/991 OM 602 DE 29, LA.980/981/9 82/983/ 984/985	2874	210, 310, 410, 290 GD, Unimog, 90/110/140 Sprinter, 212 D, 312 D, 412 D, E 290 TD	G-DA-CH-039	5	1 2 3	89.00 89.00 89.00	2.50 2.00 3.00	CRIB NTF CHSL-B	SGI GCI GCI
Motor M 113 E 43 Motor M 104 E 28.941.944 M 112 E 28 Motor M 104.996 M 104 E 32.990/991 /992/994/980/ 981/995 M 112 E 32 Motor M 111 E 20.940/941 /942/941 NV M 111 E 20 OB M 111 E 20.948 OB NV Motor M 111 E 22.960/961 Motor M 111 E 20 ML	4266 2799 3199 1996 2199 1998	C 43/T, E 430/T C 280, E 280, S 280, SL 280 G 320, 320 E, E 320, 300 SE, 320 SL, S 320 200 E, 200 CE, 200 TE, E 200, C 200, C 200 T, E 200 T, Vito, 220 E, C 200, E 220 C 200 Kompressor	G-DA-CH-040	V8 V6 6 4 4	1 2 3	89.90 89.90 89.90	1.50 1.75 3.00	CIB NTF TPOR	SGI/S GCI S
Motor M 111 E 23 ML Motor M 111 E 23	2295 2295	C 230 T, CLK 230 SLK 230 V230, ML 230 Kompressor,	G-DA-CH-041	4 V4	1 2 3	90.90 90.90 90.90	1.50 1.75 3.00	CIB NTF TPOR	SGI/S GCI S



GRINDLAYS

PISTON RINGS

Dieselmotor OM 616.910/911/ 912 /913/918/934/ 916.919/936. 940/963	2399	L 207D, L 307D, L 309D, L 407D, Unimog 421.600 240 D, 207 D, 307 D, 407 D, 507 D, O 309 D, U 600/L, U6000, 100 D, MB 100, Industriemotor, 240 D 3.0,	G-DA-CH-042	4	1 2 3	90.90 90.90 90.90	3.00 2.00 4.00	CRIB CTFIB CHSL-B	SGI/S GCI GCI
Dieselmotor OM 617.910/912 OM 617.912/913/ 919 /931/932 OM 617 A OM 617 A.952	2998	240 D 3.0, 300 D, 209 D, 309 D, 409 D, 300 D, (USA) 300 SD Turbo (USA) 300 SD/CD Turbo (USA)		5					
Dieselmotor OM 616.910/911/ 919/912/916/ 917/918 Dieselmotor OM 617.910/912	2404 3005	207 D, 307 D, 309 D, 240 D, Unimog 421, Industriemotor 240 D 3.0, 300 D	G-DA-CH-043	4 5	1 2 3	91.00 91.00 91.00	3.00 2.00 4.00	CRIB CTFIB CHSL-B	SGI/S GCI GCI
Motor M 119 E 42.971/975	4196	420 SE/SEL, 420 E, E 400, 400 SE	G-DA-CH-044	V8	1 2 3	92.00 92.00 92.00	1.50 1.75 3.00	CRIB NTF CHSL-B	SGI/S GCI GCI
Motor M 119 E 42.971/975	4196	420 SE/SEL, 420 E, E 400, 400 SE	G-DA-CH-045	V8	1 2 3	92.00 92.00 92.00	1.50 1.75 3.00	CIB NTF BPSL	SGI/S GCI S
Motor M 116 E 42.964/965 M 119 E 42	4196	420 SE, 420 SL, 400 E, E 400	G-DA-CH-046	V8	1 2 3	92.00 92.00 92.00	1.50 2.00 3.50	CRIB NTF CHSL-B	SGI/S GCI GCI
Motor M 116.960/961	3818	380 SE, 380 SL	G-DA-CH-047	V8	1 2 3	92.00 92.00 92.00	1.75 2.00 3.50	CRIB NTF CHSL-B	SGI/S GCI GCI



GRINDLAYS

PISTON RINGS

Motor M 116 V 8.980/981/ 982/983 M 116.984/ 985 Motor M 117 M 117.985/ 986	3499 4520	280 SE 3.5, 300 SE 3.5, 350 SE, 350 SL 450 S, 450 SL, 450 SE, 450 SL (USA)	G-DA-CH-048	V8 V8	1 2 3	92.00 92.00 92.00	1.75 2.50 4.00	CRIB NTF CHSL-B	SGI/S GCI GCI
Motor M 115 KV 23.958 Motor M 115.951 /954 M 115 M 115.952/ 955/970/971 /972/973/974	2297 2307	O 309 B 230, 230 G, L 408 L 409, O 309 B, 208, 210, 308 230 G (USA)	G-DA-CH-049	4 4	1 2 3	93.75 93.75 93.75	1.75 2.50 4.00	CRIB NTF CHSL-B	SGI/S GCI GCI
			G-DA-CH-050		1 2 3	93.75 93.75 93.75	1.75 2.50 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor M 102.983 M 102.983 RUF M 102.983 Motor M 102 E.990	2299 2499	190 E 2.3-16 190 E 2.3-16	G-DA-CH-051	4 4	1 2 3	95.50 95.50 95.50	1.50 1.75 3.50	CRIB NTF CHSL-B	SGI/S GCI GCI
Motor M 102 E 23.980/981/ 982/985/989/ 998 NV M 102 E 23.981/987 M 102 E 23.980 NV M 102.942/ 943/945/946/ 958/959 NV M 102 E 23.982/985/9 87/989/ 997	2299	230 E, 230 GE, 190 E 2.3, 190 E (USA), 210, 310, 410, O 309, 230G	G-DA-CH-052	4	1 2 3	95.50 95.50 95.50	1.75 2.00 3.50	CRIB NTF CHSL-B	SGI/S GCI GCI



GRINDLAY TECH

PISTON RINGS

			G-DA-CH-053		1 2 3	95.50 95.50 95.50	1.75 2.00 3.50	CRIB NTF TPOR	SGI/S GCI GCI
Motor M 119 E 50 FE	4973	S 500, SL 500	G-DA-CH-054	V8	1 2 3	96.50 96.50 96.50	1.50 1.75 3.00	CRIB NTF CHSL-B	SGI/S GCI GCI
Motor M 117.960/ 961/964/965 M 117 M 119 E 50.960/970/ 972/974/970 NV Motor M 117.960/ 961 Motor M 117 M 117.968	4973 5025 5547	500 SE, 500 SEL/ SEC Sports (USA) 500 SL, 500 E, 450 SLC 5.0 560, 560 (USA) 560 SE, 560 SE/SEL/SEC	G-DA-CH-055	V8 V8 V8	1 2 3	96.50 96.50 96.50	1.75 2.00 3.50	CRIB CTFIB CHSL-B	SGI SGI GCI
Motor M 113.960- 984	4966	AMG E 55, CLK, ML 55, G 55	G-DA-CH-056	8	1 2 3	97.00 97.00 97.00	1.20 1.50 2.00	C NTF TPOR	SGI/S GCI S
Motor M 113 E 50	4966	S 500, SL 500, G 500	G-DA-CH-057	V8	1 2 3	97.00 97.00 97.00	1.20 1.50 3.00	C NTF TPOR	SGI/S SGI S
Motor M 113 E 50	5000	S 500	G-DA-CH-058	V8	1 2 3	97.00 97.00 97.00	1.50 1.75 3.00	CIB NTF TPOR	SGI/S GCI S
Dieselmotor OM 352 A, 353.909/910/ 911/ 912/913/914/ 950/ 951/952/953/ 954/ 970/971/972/ 976 OM 353 A, 353.953 OM 362 LA.900/906/9 09/	5675	1013, 1113, 1213, 1313, 1513, 1613, 1813, 917, 1017, 1217, 1417, 1617, UZ 150/425, U 1000/L, U 1200/L, U 1300/L, U 1500, U 1700/L, MB-Trac,	G-DA-CH-059	6	1 2 3	97.00 97.00 97.00	2.50 2.50 4.00	CRFK CRTFIS CHSL-B	SGI/S GCI GCI



PISTON RINGS

910		300/1100/1300/ 1500/1413, U 1000, U 1250, U 1300, U 1500, U 1700, 1300/1500, 1419, 1619, 2219, 2220, Baureihe 1017, 1300/1500 (USA) 1419 (USA) MB-Trac 900 Turbo Turbo (USA)		4					
Dieselmotor OM 314 A	3780								
Dieselmotor OM 314.900- 000.008 /010.024,910/ 914/915 /918/919/940. 947/949 951/954/959 Dieselmotor OM 352.900/903/ 904 /906/907/909/ 911/914 /932/933/941. 946/ 964.970/976/ 979/ 981.984/986/ 989/990 OM 353.900/904/ 917/ 941.946 963.969 981.984	3782		G-DA-CH-060	4	1 2 3 4	97.00 97.00 97.00 97.00	3.00 3.00 3.00 5.50	CRFK CTF CTF CHSL-B	SGI/S GCI GCI GCI
	5673	L 408, L 508, LS 508, LP 608, LT 608, L 613, LP/LPK/LPL 709, L 710, LP/LPL 809, L 810, LP 808, LP 811, LP 813, 911 B, LP 913, L 1013, L 1113 B, L 1213, LP 1313, L 1413,L 1513, L 1613, O 302, O 309, O 312, O 321, O 322, Traktor 65, 70, 700, 800, LS/LPS 911, LS 1113, LPS 1113,1100, 1300, Unimog U 54. 60. 70.		6					



GRIINDTIECIH

PISTON RINGS

		80, 84, 90, 95, 100, 110, 120, 125, 406, 416/T, 425, HU 9109, U 900, 1000, 1100/L 1300, 1500/T, 1700, 9000, MB-Trac 1100/1300							
Dieselmotor OM 314.963	3782		G-DA-CH-061	4	1	97.00	3.00	CRFK	SGI/S
Dieselmotor OM 352.906, OM 353.949/968	5673	L 408, L 508, LS 508, LP 608, LT 608, L 613, LP/LPK/LPL 709, L 710, LP/LPL 809, L 810, LP 808, LP 811, LP 813, 911 B, LP 913, L 1013, L 1113 B, L 1213, LP 1313, L 1413, L 1513, L 1613, O 302, O 309, O 312, O 321, O 322, Traktor 65, 70, 700, 800, LS/LPS 911, LS 1113, LPS 1113, 1100, 1300, Unimog U 54, 60, 70, 80, 84, 90, 95, 100, 110, 120, 125, 406, 416/T, 425, HU 9109, U 900, 1000, 1100/L 1300, 1500/T, 1700, 9000, MB-Trac 1100/1300		6	2 3 4 5	97.00 97.00 97.00 97.00	3.00 3.00 5.50 5.50	CTF CTF CHSL-B SOR	GCI GCI GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor OM 364.900/906/ 907 /912 OM 356 A.940 OM 364 A.901/950/ 952.954/980/ 981 OM 364 LA. 901/950/ 952.954/980/ 981 OM 354 LA.900.903 /920.925 Euro 2	3972	1717, Unimog, 90/110/140, 711 811, 610, 710, 810, 714, 814	G-DA-CH-062	4	1 2 3	97.50 97.50 97.50	2.50 2.50 4.00	CRFK CRTFIS CHSL-B	SGI/S GCI GCI
Dieselmotor OM 366.900/905/ 907 /909/910/912. 914/ 917.919/930. 933 OM 366.915 Euro 1, OM 366 A.901/951/ 953/955/957/ 960/ 962/965.971/ 974 OM 366 LA.901/980/ 981/983/984/ 988/990 /992.994/997	5958	709, 809, 811, 814, 914, 1114, 1314, 1414, 1614, O 301, O 402, 817, 917, 1117, 1217, 1317, 1417, 1617, 1119, 1120, 1320, 1420, 1619, 1620, 2219, 2220, U 1550, U 1750, U 2150		6					
Dieselmotor OM 364 A.957.959 Euro 1 OM 364 LA.901-504 Euro 1	3970	711 D, 811 D, Forst-Trac, 814		4					
Dieselmotor OM 356.941/943. 949	5960	1117, 1317, 1417, 1517, 917, 817, 1120, 1320, 1520,		6					



PISTON RINGS

/951/953/958/ 959 OM 366 A.941/943. 949/951..953/ 958/ 959 Euro 1, OM 356.941.959 Euro 1 ON 366 LA Euro 2, OM 357.900.904/ 906.908 /916/918/948/ 961 OM 364 LA, 900.903 Euro2 Dieselmotor OM 366 LA, OM 356.979/ 989/991/999 Euro 1 OM 356.978/986/ 987/990/ 992.996 Euro 1		1820							
	5955	1120 /AF, 1224AF 1120, 1120 AF/F, 1320, 1520, 1720, 1820, 1920		6					
			G-DA-CH-063		1 2 3	97.50 97.50 97.50	2.50 2.50 4.00	CFK CRRTFIS BPSL	SGI/S GCI S
Dieselmotor OM 904 LA.905.908 Euro 2 Dieselmotor OM 906 LA.906/910/9 11/930/931 Euro 2	4250 6374	612, 711, 811, 812, 814, 911, 917, 1117, 1317 1023, 1523, 1328, 1528, Atego	G-DA-CH-064	4 6	1 2 3	102.00 102.00 102.00	3.00 2.50 4.00	CRFK CRRTFIB CHSL-B	SGI GCI GCI
Dieselmotor OM 327	7980	1216, 1317, 1417, 1517, O 302	G-DA-CH-065	6	1 2 3 4	115.00 115.00 115.00 115.00	3.50 3.00 3.00 5.50	CRFK CTFIB CTFIB CHSL-B	SGI GCI GCI GCI
Dieselmotor OM	8720	L/LP 1317, LP 1319, LP	G-DA-CH-066	6	1 2	115.00 115.00	3.50 3.00	CRFK CTFIB	SGI GCI



GRIINDTECH

PISTON RINGS

360.911/912/ 934 /938/947 954.956/959/ 974/976 /978 Dieselmotor OM 360 A	8725	1417 LP 1419, LP 1519 LP 1619, LP 1817 LP 1817, LP 1819 O 302, O 305 LKW, Omnibusse, (Export)		6	3	115.00	5.50	CHSL-B	GCI
Dieselmotor OM 407 A, OM 407 hA Dieselmotor OM 401.905 Dieselmotor OM 403 Dieselmotor OM 404 A.901	11413 10456 15950 20911	O 305 G Industriemotor Industriemotor Industriemotor	G-DA-CH-067	6 V6 V8 V12	1 2 3 4	125.00 125.00 125.00 125.00	3.00 3.00 3.00 4.00	CFK CTF NTF CHSL-B	SGI/S GCI GCI GCI
Dieselmotor OM 401 LA.901/970 /972.975/977. 981/984.994 Euro 1 Dieselmotor OM 402 A/LA.901/ 970.973/975/ 977/ 978/982.990/ 995, Euro 1	9572 12760	 0404, 1838, 2638, 2635, 1831, 2531, 1226, 1227, 1429, 1726, 1727, 1827, 2422, 2427, 2527	G-DA-CH-068	V6 V8	1 2 3	125.00 125.00 125.00	3.00 3.00 4.00	CFK CRRTFIS CHSL-B	SGI/S GCI GCI
			G-DA-CH-069		1 2 3	125.00 125.00 125.00	3.00 3.00 4.00	CFK CTF CHSL-B	SGI/S GCI GCI
			G-DA-CH-070		1 2 3	125.00 125.00 125.00	3.00 3.00 4.00	CRFK NTF CHSL-B	SGI/S GCI GCI
Dieselmotor OM 409	9200		G-DA-CH-071	5	1 2	125.00 125.00	3.00 3.00	CFK NTF	SGI/S GCI
Dieselmotor	11040	1719, O 305,		6	3	125.00	6.00	CHSL-B	GCI





GRINDLAYS

PISTON RINGS

		2232, 2632 A/AK							
			G-DA-CH-072		1 2 3	125.00 125.00 125.00	3.00 3.00 6.00	CRFK NTF CHSL-B	SGI/S GCI GCI
Dieselmotor OM 447 hA/LA.950. 953/902 OM 427 hA OM 427 h.901/905/ 910/911/900/ 905.912 OM 447 LA OM 447.913/914 Euro 1 OM 447 HLA.903.907 /970.979/988/ 990.994 Euro 2, OM 457 LA Dieselmotor OM 421.900/901/ 905.908/910 Dieselmotor OM 422.900/905. 915 /919 OM 422 A.901/951/ 952/954/956. 958/ 963 OM 422 LA.901/953 /955/959 OM 442 A.901/ 941.946/950. 968/971 /972/976 OM 442 LA.951/953/ 980/982/983/	11970	O 405 G,O 405ST O 405, O 407, Bus- Marinemotor (USA/BRA/CHI LE /MEX), O 405/ HLA/G/NI/GNI, NAW Bus	G-DA-CH-073	6	1 2 3	128.00 128.00 128.00	3.00 3.00 4.00	CFK CRRTFIS CHSL-B	SGI/S GCI GCI
		10965	1222, 1422, 1622, 1922, 222, O 303		V6				
		14618	1625, 1628, 1928, 2028, 2228, 2628, O 303, 2025, 94-5, 2525, 2528, 3025, 3028, 3328, 1633, 1635, 1933, 2033, 2035, 2233, 2235, 2533, 2633, 2635, 3333, 1935, O 303, 1638, 644, 1938, 2238, O 404 2244, 2638, 2644		V8				



GRINDLAYS

PISTON RINGS

985/989		Industriemotor							
/992.994		1735, 2435,							
OM 442 LA		2535, 2635,							
Euro 0		3335, 1644,							
OM 442		1748, 1844,							
LA.997		1944, 2044,							
Euro 1		2244, 2448,							
OM 442 LA		2544, 2644,							
Euro 2		3548							
OM 442 A									
Euro 1									
OM 442 LA									
Euro 1									
Dieselmotor	18273	1636, 1936,		V10					
OM 423.900/		2036,							
905.909		2235, 2236,							
OM 423		2536,							
A.901		3336, 3836,							
OM 423		3250,							
LA.901/950		3850, 4050,							
OM 423 A		4850,							
OM 423 LA		Industriemotor,							
Dieselmotor	21930			V12					
OM 424.900									
Dieselmotor	10946	Industriemotor		V6					
OM 421		O 303							
A.901/951									
OM 421 A									
Deiselmotor	21927	Industriemotor		V12					
OM 424		O 303, 1633,							
A.900/901		1638, 1933,							
OM 424		1938, 2633,							
LA.901		2638, 3333,							
OM 420 A									
OM 424 LA									
Dieselmotor	10960	O 303, 1234,		V6					
OM 441		1622, 1628,							
A.950/953/		1733, 1834,							
955/901		2433, 2534,							
OM 441		3234, 2222							
LA.951/960.									
962/981.983/									
985/986									
.988/992.999,									
Euro 1									
OM 441 A									
Euro 0									
OM 441 LA									
Euro 0									
OM 442 A									
Euro 1									



OM 441 LA Euro 2 OM 441 A Euro 1 Dieselmotor OM 443 A.901/940 OM 443 LA.980 OM 443 A Euro 0 OM 443 LA Euro 0 Dieselmotor	18267			V10					
OM 444 A.901 OM 444 LA.901 OM 444 A Euro 0 OM 444 LA Euro 0 Dieselmotor	21920			V12					
OM 444 A.901 OM 444 LA.901 OM 444 A Euro 0 OM 444 LA Euro 0 Dieselmotor	18267			V10					
OM 443 A.901/940 OM 443 LA.980 OM 443 A Euro 0 OM 443 LA Euro 0 Dieselmotor	15618	1635, 1735, 1935, 2035, 2235, 2435, 2535, 2635, 3235, 3335, 3535, O 303		V8					
Dieselmotor OM 443 LA Euro 1 OM 443 A Euro 1 Dieselmotor	18270			V10					
OM 444 LA Euro 1 OM 444 A	21924			V12					
			G-DA-CH-074		1 2 3	128.00 128.00 128.00	3.00 3.00 4.00	CFK NTF CHSL-B	SGI/S GCI GCI
			G-DA-CH-075		1	128.00	3.00	CRFK	SGI/S



GRINDLAYS

PISTON RINGS

					2 3	128.00 128.00	3.00 4.00	NTF CHSL-B	GCI GCI
Dieselmotor OM 346.910.919/ 940 .947/952	10809	LKA/LP 1418, 1518, 1618, 1619, 1620, 1918, 1920, 2020, 2220, 2620, O 317, LS 332, L 334	G-DA-CH-076	6	1 2 3 4	128.00 128.00 128.00 128.00	3.50 3.50 3.50 6.50	CRFK CTFIB NTF CHSL-B	SGI GCI GCI GCI
Dieselmotor OM 355.960.967/ 970/ 972.976/978. 983	11581	LP 1424, LP 1623 /36, LP/LPK 1624, LP 1923, L/LP/LK 1924, LP/LKP 2224, LP 2624, LP 2635, O 302, O 317, L 1621, L 1921		6					
Dieselmotor OM 355 A.968/696 /978	11900	Omnibusse, L 1928, L 2628 (Export)		6					
Dieselmotor OM 501 LA.920/922/ 923/925, Euro 2 Dieselmotor OM 502 LA.920/921 Euro 2	11940 15920	1831, 1835, 1839, 1843, 2531, 2535, 2539, 243, Actros 1848, 1853, 2548, 2553, Actros	G-DA-CH-077	V6 V8	1 2 3	130.00 130.00 130.00	3.00 3.00 4.00	CFK CRRTFIS CHSL-B	SGI/S GCI GCI
Dieselmotor OM 411.900/905. 909/ 911.920/923. 927/932 998, OM 441 Euro 1 Dieselmotor OM 422.900/ 905.911 /914.930/932. 935/ 939, OM 442	11309 15080	1622, O 303, 122, 1722, 1922, 2222, 2422 1628, 1725, 1729, 1928, 1929, 2228, 2429, 3239, O303	G-DA-CH-078	V6 V8	1 2 3	130.00 130.00 130.00	3.00 3.00 4.00	CR CRRTFIS CHSL-B	SGI/S GCI GCI



GRINDLAYS

PISTON RINGS

Euro 1 Dieselmotor OM 443.900/905 OM 443 Dieselmotor OM 444 OM444Euro1	18848			V10					
	22618			V12					
			G-DA-CH-079		1 2 3	130.00 130.00 130.00	3.00 3.00 4.00	CR CTFIB CHSL-B	SGI/S GCI GCI
Dieselmotor OM 441	11309	1622, O 303, 1628, 1726, 1729, 1928, 1929, 2228, 2429, 3239	G-DA-CH-080	6	1 2 3	130.00 130.00 130.00	3.00 3.00 4.00	CFK CRRTFIS CHSL-B	SGI/S GCI GCI
Dieselmotor OM 442	15080			V8					
Dieselmotor OM 443	18848			V10					
Dieselmotor OM 444	22618			V12					
			G-DA-CH-081		1 2 3	130.00 130.00 130.00	3.00 3.00 4.00	CRFK CTFIB CHSL-B	SGI/S GCI GCI



DAVID BROWN

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		



GRINDLAYS

PISTON RINGS

Dieselmotor AD 3/55	2695	Tractor	G-DA-BR- 001	3	1	100.05	2.38	CR	GCI
Dieselmotor AD 4/55	3594			4	2	100.05	2.38	CTF	GCI
Dieselmotor AD 6/55	5392			6	3	100.05	2.38	CTF	GCI
					4	100.05	4.74	DB-SOR	GCI



FAP-FAMOS

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specificati on / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		



GRINDLAYS

PISTON RINGS

Dieselmotor FF-1	8300	VFK, FAP 13 FF	G-FA-FA-001	6	1 2 3 4	112.00 112.00 112.00 112.00	3.50 3.00 3.50 6.00	CRFK CTFIB N DB-SOR	SGI GCI GCI GCI
Dieselmotor 4 F, 4 FU	10000	9 GF 4 F 3206	G-FA-FA-002	6	1 2 3 4	123.00 123.00 123.00 123.00	3.00 3.00 3.00 6.00	CRFK CTF N DB-SOR	SGI GCI GCI GCI
Dieselmotor 2F-B, 2 FU-B 2 FP-B, 2 FUP-B	11040	LKW, Bus, Industriemo tor	G-FA-FA-003	6	1 2 3	125.00 125.00 125.00	3.50 3.00 6.00	CRFK CTF CHSL-B	SGI GCI GCI



FIAT

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		



GRIINDTECH

PISTON RINGS

Motor 156 A 4.000, M 204 AA.07.0, 145 A 4.000	770	Panda 750	G-FI-001	4	1 2 3	65.00 65.00 65.00	1.50 1.50 3.00	CRIB CTF TPOR	SGI/S GCI S
Motor M 020 GS.07.0	769	Panda	G-FI-002	4	1	65.00	1.75	CRIB	GCI
Motor 100 G 000, 100 G 002, 100 GC 000 100 GBC 000	843	850, Spezial, 133 Panda 34		4	2 3	65.00 65.00	2.00 5/32"	N DB-PSL	GCI GCI
Motor 100 GF 000, 100 GL 000, ECE 146 A.000, 100 GT 000, 100 GBC 000, M 020 AA.09.0 146 A.000	903	127, 850, SEAT Marbella, Panda, Spider, 127 (CH) Panda 45, Uno 45		4					
Motor A 112 B 1.054	954	Panda 4x4, Panda 45	G-FI-003	4	1	67.20	1.50	CRIB	SGI/S
Motor M 020 CB.09.0	965	Panda 4x4		4	2 3	67.20 67.20	1.75 5/32"	NTF TPOR	GCI S
Motor A 112 AB.2C.0	1050	Lancia A 112		4					
Dieselmotor M 733 AT.12.Z	1247	Gingo	G-FI-004	4	1 2 3	69.60 69.60 69.60	2.00 1.50 2.00	C CTF BPSL	SGI/S SGI GCI
Motor M 644LA.11.T M 609ZA.11.C M 609VA.11.C 176 A6 SPI 609 MA.11.C BIS	1108	Cinquecento, Panda 1.1 i.e. 4x4 Panda 1100 i.e. Selecta, Punto 55, Punto 6 Speed Seicento 1.1	G-FI-005	4	1 2 3	70.00 70.00 70.00	1.20 1.20 2.50	CRIB NTF TPOR	SGI/S GCI GCI
Motor 156 A 2.050, 156 A 2.100, 156 A 2.246, 156 A 2.0157, Fire 1000, M 204 BS 10.0, XO-125, M 204 BA.10.0,	999	Uno 45, Panda 1000, Lancia Y 10, Lancia Y 10 Fire, Uno, Panda, Panda 4x4	G-FI-006	4	1 2 3	70.00 70.00 70.00	1.50 1.50 3.00	CRIB CTF TPOR	SGI/S GCI S



GRIINDTECH

PISTON RINGS

M 156 A2.000/A3.000 M 204 AA.10.0 156 A 2.000, 156 A 3.000, Fire 1000, M 204 BA.10.0 Motor 156 A 3.000, 156 C.046, M 204 AA.11.0, 160 A 3000	1108	Panda 1000, Tipo 1.1 Fire, Uno 60 Fire		4					
Motor 176 A8 MPI, 176 B 9000, 176 A6 SPI, 176 A7 SPI	1242	Punto 75, Punto 85 16V Punto 60, Punto 60 Cabrio	G-FI-007	4	1 2 3	70.80 70.80 70.80	1.20 1.20 2.50	CRIB NTF TPOR	SGI/S GCI GCI
Motor M 671 AA.14.Z	1367	Punto	G-FI-008	4	1 2 3	72.00 72.00 72.00	1.00 1.20 2.00	C NTF TPOR	SGI/S GCI GCI
Motor	1197	124 Berline Familiare, Sedan, 238 B, 238 M2	G-FI-009	4	1 2 3	73.00 73.00 73.00	1.50 2.00 5/32"	CRIB N DB-PSL	SGI/S GCI GCI
Motor	594	126, 500 R	G-FI-010	2	1 2 3	73.50 73.50 73.50	1.50 2.00 5/32"	CR NTF DB-PSL	SGI/S GCI GCI
Motor 131 A.000	1297	131	G-FI-011	4	1 2 3	76.00 76.00 76.00	1.50 2.00 5/32"	CR N TPOR	SGI/S GCI S
Dieselmotor 127 A 5000, M 703 AA.13.0	1302	Uno D, Panda, Spazio (Arg) 127 D	G-FI-012	4	1 2 3	76.00 76.00 76.00	2.50 2.00 3.00	CRFK NTF CHSL-B	SGI GCI GCI
Dieselmotor M 709 BT.13.0 M 709 AT.13.0	1367	Uno TD	G-FI-013	4	1 2 3	78.00 78.00 78.00	2.50 2.00 3.00	CRFK CTFIB CHSL-B	SGI GCI GCI
Motor M 024 AA.07.0 126 A 2.000 Motor 128 A.000 128 AC 5.000 138 A.000	704 1116	126 Bis Cinquecento 128, Ritmo 60, Uno 55, Ritmo Strada (USA), Uno,	G-FI-014	2 4	1 2 3	80.00 80.00 80.00	1.50 2.00 5/32"	CRIB NTF TPOR	SGI/S GCI GCI

GRINDLAYS ENGINE PARTS PVT. LTD.

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GRINDLAYS

PISTON RINGS

138 B.000 146 A 4.000 146 A 4.048 138 B 1.000 138 C 1.000		Ritmo, Ritmo ES, Uno Selecta							
Motor 182 B6.000 M 645 WA.15.Z	1596	Brava, Bravo, Stilo, Steel, Palio, Multipla, Marea	G-FI-015	4	1 2 3	80.50 80.50 80.50	1.20 1.20 2.00	C NTF TPOR	SGI/S GCI GCI
Motor	1400	Uno, Punto	G-FI-016	4	1 2 3	80.50 80.50 80.50	1.20 1.50 3.00	CR CTF TPOR	SGI/S GCI S
Motor M 202 PA.13.0 160 A1 046 M 202 PA.13.0	1370	Tipo DGT, Uno 70 Tempra, Uno	G-FI-017	4	1 2 3	80.50 80.50 80.50	1.50 1.75 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor M 603 BT.13.0	1372	Uno Turbo, Punto GT	G-FI-018	4	1 2 3	80.50 80.50 80.50	1.50 2.00 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor M 603 AT.13.0 146 A2.000/246	1301	Uno Turbo	G-FI-019	4	1 2 3	80.50 80.50 80.50	1.50 2.00 5/32"	CRIB NTF TPOR	SGI/S GCI S
Dieselmotor 839.A600	2387	Stilo 2.4 JTD	G-FI-020	5	1 2 3	82.00 82.00 82.00	2.50 2.00 2.00	CR NTF BPSL	SGI/S GCI GCI
Dieselmotor M 724 MT 19.V 182 B9.000 186 A6.000 M724 NT 19.T	1910	Nuova Punto, Marea, Stilo, Multipla	G-FI-021	4	1 2 3	82.00 82.00 82.00	2.00 2.00 2.00	CR NTF BPSL	SGI/S GCI GCI
Dieselmotor AR37101 188A2.000	1910	Bravo, Punto, Stilo, Marea, Multipla, 1.9 JTD SX, HSX ELX	G-FI-022	4	1 2 3	82.00 82.00 82.00	2.50 2.00 2.00	CR NTF BPSL	SGI/S GCI GCI
Dieselmotor 188A3.000	1910	Punto, Palio, Strada, Doplò 1.9	G-FI-023	4	1 2 3	82.00 82.00 82.00	2.00 2.00 3.00	CR NTF CHSL-B	SGI/S GCI GCI



GRINDLAYS

PISTON RINGS

Motor 188A6.000, 839A7.000, Euro 3, 182 B7.000, Motor 185 A8.000	1747 1998	Barchetta, Punto, Stilo 1.8i 16V Marea, Bravo	G-FI-024	4	1 2 3	82.00 82.00 82.00	1.20 1.20 2.00	C NTF TPOR	SGI/S GCI GCI
Motor 175 A3	1998	Coupé 2.0 i.e. 20V Turbo	G-FI-025	5	1 2 3	82.00 82.00 82.00	1.20 1.50 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor M 634.AA, 182 A 3.00 Motor 182 A1	1369 1998	Bravo, Brava, Bravo 2.0i HGT, 20V, Marea 2.0i 20V, HLX/W.E. Coupé 2.0i 20V	G-FI-026	4 5	1 2 3	82.00 82.00 82.00	1.50 1.50 3.00	CRIB NTF TPOR	SGI/S GCI S
Dieselmotor 182 A8/A7 Dieselmotor M 717GT.24.T	1910 2387	Brava 1.9 TD, Marea 1.9TD- WE	G-FI-027	4 5	1 2 3	82.00 82.00 82.00	3.00 2.00 3.00	CRFK CTFIB CHSL-B	SGI GCI GCI
Dieselmotor M 711 KT.19	1930	Croma TD i.D.	G-FI-028	4	1 2 3	82.60 82.60 82.60	2.00 2.00 3.00	CR N CHSL-B	SGI/S GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor M 708.FA.17	1697	Duna, Fiorino, Uno, Tipo, Eipo	G-FI-029	4	1	82.60	2.50	CRFK	SGI
Dieselmotor M 705.CA.19	1929	Uno, Tempra, Tipo, Regata		4	2	82.60	2.00	N	GCI
149 A 1.000		DS, Ritmo			3	82.60	4.00	CHSL-B	GCI
160 A 7.000		Turbo DS,							
831 D 1.000				4					
M 707 CT.19.0									
Dieselmotor	1930	Ducato							
M705 VA.19.S		Croma TD i.D.							
149 B 1.000									
M 711 AT.19.0									
M 705				4					
FA.19.010									
149 B 1.000									
Dieselmotor	1698	Regata D, Uno							
149 B 3.000		D, Duna D,							
149 B 4.000		Tipo D, Ritmo							
149 B 4.046		D							
M 705 BA.19.0									
Dieselmotor	1929	Tipo, Tempra	G-FI-030	4	1	82.60	3.00	CRFK	SGI
M 710 AT.19.0					2	82.60	2.00	N	GCI
160 A 6.000					3	82.60	3.00	CHSL-B	GCI
TCA 160									
Dieselmotor	1698	Punto		4					
M 708 HT.17									
Dieselmotor	1929	Tipo, Tempra,		4					
M 718 AT.19		Ducato							
Dieselmotor	1930	Ducato TD	G-FI-031	4	1	82.60	3.00	CRFK	SGI
M 707 HT.19.0					2	82.60	2.00	N	GCI
F 280 A 1000					3	82.60	4.00	CHSL-B	GCI
Motor	2446	Stilo	G-FI-032	5	1	83.00	1.20	C	SGI/S
192 A 2.000					2	83.00	1.20	NTF	GCI
M649,					3	83.00	2.00	TPOR	GCI
HA 24.V025									
Motor	2446	Lancia K 2.4i,	G-FI-033	5	1	83.00	1.20	CIB	SGI/S
838 A2		20V,			2	83.00	1.50	NTF	GCI
M649AA.24T.B		20V SW,			3	83.00	3.00	TPOR	S
IS		20V Coupé							
M649AA.24T.T									
ER									
Motor	1761	Ulysse 1.8i	G-FI-034	4	1	83.00	1.50	CRIB	SGI/S
XU 7 JP4					2	83.00	1.50	NTF	GCI
					3	83.00	3.00	TPOR	S



GRINDLAYS

PISTON RINGS

Dieselmotor XUD 9A.XUD 9B	1905	Scudo 1.9 D	G-FI-035	4	1 2 3	83.00 83.00 83.00	2.00 2.00 3.00	CR CTF BPSL	SGI/S GCI S
Dieselmotor 138 A 5.000 138 B 6.000	1714	Ritmo D Regata D	G-FI-036	4	1 2 3	83.00 83.00 83.00	2.50 2.00 4.00	CRFK N CHSL-B	SGI GCI GCI
Dieselmotor XUD 9 TE XUD 8 B	1905	Ulysse 1.9 TD Scudo 1.9 TD	G-FI-037	4	1 2 3	83.00 83.00 83.00	3.50 2.00 3.00	CRFK CTF CHSL-B	SGI GCI GCI
Motor	1400	Ritmo 105 TC/125 TC, Lancia Monte, Cario	G-FI-038	4	1 2 3	84.00 84.00 84.00	1.00 1.50 3.00	CIB NTF TPOR	SGI/S GCI S
Motor Motor	1600 2000			4 4					
Motor M 610 LA.18.C 835 C.2000 Motor M 611 LA 20 C 025, 159 A4.000, 159 A6.046 M 601 SA.20.A, M 619 AA.20 A, M 619 AA2.0 C 014, M 611, CA.20.A, M 615 KA.20.C, 160 A8 046, M 615 HA.20.C, 836 A3.000 M 615 HT.20.C	1756 1995	Tipo Tempra Tipo, Tempra, Croma i.e. (CH), Croma, Coupé, Lancia Delta	G-FI-039	4 4	1 2 3	84.00 84.00 84.00	1.50 1.50 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor 131 A.000 131 A 1.000 131 B 1.000 132 C.000 132 CB.0A.0 132 D 000 131 C 2.000 149 A.000 138 AR.000 149 A 2.000	1585	131, 132, Argenta, Regata, Ritmo 105 TC, Ritmo 100, Ritmo 90, Argenta 90, Tipo, Lancia Delta HF, Croma	G-FI-040	4	1 2 3	84.00 84.00 84.00	1.50 2.00 5/32"	CRIB N TPOR	SGI/S GCI GCI



PISTON RINGS

A 402 AA.16.0 149 A 4.000 AA.16.0, 149 C 2.000, M 406 AT.16.0, M 406 BT.16.0, 831 A 7.000 M 205 BA.16.0 Motor 132 AB.000, 132 A 1.000, 132 AB.1 A.0, 132 B 1.000, 132 BB.1 A.0, 132 C 1.000, M 607 AA.18.0 Motor 131 B 2.000, 132 DB.2 A.0, 132 C 2.000, 132 C 3.000, 132 D 1.000 M 601 AA.20.0 M 401 CG.20.0 M 154 A1.000, M 834 B.000 M 601 FT.20.0 154 A2.000 M 601 HA.20.000.48, M 601 HT.20.000 46/7, 834C.146, M 615 AA.20.0C, M 615 AT.20.0, M 615 AT.20.0	1756	124, 132, Tipo 16 V		4					
	1995	131, 132, Argenta, Croma i.e., Croma CHT, Croma i.e. turbo, Lancia Thema		4					
Motor XM 7 T	1795	Ducato 10, Furgone	G-FI-041	4	1 2 3	84.00 84.00 84.00	1.50 2.00 4.00	CRIB N TPOR	SGI/S GCI S
Dieselmotor XUD 11 BTE	2088	Ulysse 2.1 TD 12V	G-FI-042	4	1 2 3	85.00 85.00 85.00	3.00 2.00 3.00	CRFK CTF CHSL-B	SGI GCI GCI
Motor XU 10 J 4 RS	1998	Ulysse 2.0 16V S	G-FI-043	4	1 2 3	86.00 86.00 86.00	1.50 1.50 3.00	CRIB NTF TPOR	SGI/S GCI S



GRINDLAYSTECH

PISTON RINGS

Motor	2000	Dino	G-FI-044	6	1 2 3	86.00 86.00 86.00	1.50 1.50 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor XU 10 J2 C	1998	Ulysse	G-FI-045	4	1 2 3	86.00 86.00 86.00	1.50 1.75 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor 128 A 1.000 128 AR 000 128 AC 000 128 AS 000	1290	128, 128 3P, X 1/9	G-FI-046	4	1 2 3	86.00 86.00 86.00	1.50 2.00 5/32"	CRIB NTF DB-PSL	SGI/S GCI GCI
Motor 182.A4.000, 182.A6.000, M 645 BA.15.T	1581	Bravo, Brava	G-FI-047	4	1 2 3	86.40 86.40 86.40	1.50 1.50 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor 159 A 3.000, M 202 PA 15.0 Motor 159 A 3.000 M 202 PB 15.0	1580 1581	Tipo, Tempra Tempra, Tipo, Punto, Scudo	G-FI-048	4 4	1 2 3	86.40 86.40 86.40	1.50 1.75 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor 128 A 3.000, M 202 GA.13.0	1301	Ritmo 75 Super	G-FI-049	4	1 2 3	86.40 86.40 86.40	1.50 2.00 5/32"	CRIB NTF DB-PSL	SGI/S GCI GCI
Motor 138 A 1.000, 138 A 3.000, 149 A 3.000, 138 B 2.000, 149 A 7.000, Motor 138 B 3.000	1302 1498	Regata 70 Super, Ritmo 65, Ritmo 70 Super, Uno 70 Super, Ritmo Strada (USA) Ritmo, Regata		4 4					
Motor 149 A 7.000 138 AE 2.EE.0, 138 B 3.000, 128 A 5.000, 138 AS.000, 138 A 2.000, 138 B 3.048	1499	Uno 75 Ritmo 75, Ritmo 85 Super, X 1/9		4					



GRINDLAYS

PISTON RINGS

Motor	2492	Croma 2.5 V6	G-FI-050	V6	1 2 3	88.00 88.00 88.00	1.50 1.50 3.50	CRIB CTF CHSL-B	SGI/S GCI GCI
Motor XN 1 T, P 170 B	1970	Ducato 13, Furgone, Ducato 18	G-FI-051	4	1 2 3	88.00 88.00 88.00	1.50 2.00 4.00	CRIB CTF TPOR	SGI/S GCI S
Motor F1A, Sofim	2286	Ducato	G-FI-052	4	1 2 3	88.00 88.00 88.00	2.50 2.00 2.50	C CTFIB BPSL	SGI/S GCI GCI
Dieselmotor 8144.65.200/ 300	1995	131 D 132 D	G-FI-053	4	1 2 3	88.00 88.00 88.00	2.00 2.00 4.00	CR NTF CHSL-B	SGI/S GCI GCI
Dieselmotor	1995	131 Mirafiori Diesel, 132 Diesel	G-FI-054	4	1 2 3	88.00 88.00 88.00	3.00 2.00 4.00	CRIB NTF CHSL-B	SGI/S GCI GCI
Dieselmotor	2445	131 D, 132 D, Argenta D, Alfa 30 AR8, 35 AR8	G-FI-055	4	1 2 3	93.00 93.00 93.00	2.00 2.00 4.00	CR N CHSL-B	SGI/S GCI GCI
Dieselmotor B 25/637	2499	242 E	G-FI-056	4	1 2 3	93.00 93.00 93.00	2.50 2.00 4.00	CR CTF CHSL-B	GCI GCI GCI
Dieselmotor 8144.81.200 8140.21, 8144.21 Dieselmotor 8140.27.2700 8140.47.2700 /3700 Euro 1, 8140.07.2700, 8140.07.3700, NA Euro 1, 8144.97.2200 Dieselmotor 8144.97.2400	2445 2499 2500	Argenta TD, Croma TD, Ducato 13/14, Ducato 14/18 Daily, 35.10/12, 40.12, 49.12, 59.12, Ducato 14, Daily 30/30.8/ 35.8/40.8, Croma Croma, Thema	G-FI-057	4 4 4	1 2 3	93.00 93.00 93.00	3.00 2.00 3.00	CRFK C-RTFIS CHSL-B	SGI GCI GCI
Dieselmotor 8140.67.2500 8144.67.2500	2499	Ducato, Croma	G-FI-058	4	1 2 3	93.00 93.00 93.00	3.00 2.00 3.00	CR N CHSL-B	SGI/S GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor 8142.61, 8144.61 8140.61	2445	131 D, 132 D, Argenta D, 30 F 8 32 F 8, 35 F 8, 40 F 8 Daily, 238 E, 900 T, Ducato 13/14	G-FI-059	4	1 2 3	93.00 93.00 93.00	3.00 2.00 4.00	CR N CHSL-B	SGI/S GCI GCI
Dieselmotor 8140.23 8140.43	2798	35.10 Turbodaily 40.10W Turbodaily 4x4, 35.12 Turbodaily 49.12-59.12 Turbodaily	G-FI-060	4	1 2 3	94.40 94.40 94.40	3.00 2.00 3.00	CRFK C-RTFIS CHSL-B	SGI GCI GCI
Dieselmotor 8140, 435, 4000	2798	Ducato JTD	G-FI-061	4	1 2 3	94.40 94.40 94.40	2.50 2.00 2.50	CRFK C-RTFIS BPSL	SGI GCI GCI
Dieselmotor 8140.63.3700 8140.63.4000	2798	Ducato 2.8D, Maxi 2.8D	G-FI-062	4	1 2 3	94.40 94.40 94.40	3.00 2.00 2.50	CRFK C-RTFIS BPSL	SGI GCI GCI



GRINDLAYS ENGINE PARTS

PISTON RINGS



FIAT-Iveco

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor 802.000	1560	Traktor 250, 255, 300, 400, 416, 450, 455, 460, 470, 480, 500, 550, 555, 615, 625, 650, 662, 900	G-FI-IV-001	2	1	95.00	2.50	CRIB	SGI
Dieselmotor 803.000	2340			3	2	95.00	2.50	CTFIB	GCI
Dieselmotor 804.000	3120			4	3	95.00	5.50	CHSL-B	GCI
Dieselmotor 806.000	4678			6					
Dieselmotor 8065.01.000									
Dieselmotor 8065.06.000	5418	Baumaschine	G-FI-IV-002	6	1	100.00	2.50	CR	SGI
Dieselmotor 8045.06.213.					2	100.00	2.50	N	GCI
Dieselmotor 8045.06.215					3	100.00	4.00	CHSL-B	GCI
Dieselmotor 8025.02	1728	Traktor 300, 350, 355	G-FI-IV-003	2	1	100.00	2.50	CR	SGI
Dieselmotor 8030.02,	2592	Traktor 400, 440, 446, 450, 455, 465, 466, 470, 474, 480, 488, 500, 505, 540, 616 N3, nova terra 4, AD4		3	2	100.00	2.50	CTF	GCI
Dieselmotor 8035.02		R 8036, C 8050, C 8060, FL 4 C Benfra 115			3	100.00	5.50	CHSL-B	GCI
Dieselmotor 8040.02,	3456	Traktor 600, 640, 616 N ¾, 40 NC, 50 NC/NCS, 55 NL/NC 329, R 8070, C		2					
Dieselmotor 8045.02									



GRINDLAYS

PISTON RINGS

Dieselmotor 8060.02, 8065.02	5187	8070, Nova terra TL 5 Traktor 1000, 80 NC/NT/NR, 90 NC/PC/P, 100 NCL, 110 NC/NR /NT/PC, 110 F 12 Mährescher, M 112		6					
Dieselmotor 8065.06.230	5418	Traktor	G-FI-IV-004	6	1 2 3	100.00 100.00 100.00	3.00 2.50 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Motor Tector NEF	3920	75 E13, 15, 17, 18, 100 E17, 18, 21	G-FI-IV-005	4	1 2 3	102.00 102.00 102.00	3.00 2.40 4.00	CRFK CTF CHSL-B	SGI GCI GCI
	5880	120 E17, 21- 130 E 24, 28, 150, 180, 260, 320 E		6					
Dieselmotor 8035.04	2784	Trktor 505 CS, 566/DT, 570/V/F/DTF/D T, 580/DT, 588, R 8056, Raupe 565 C, C 8066 Raupe FL 4-L, Radlader	G-FI-IV-006	3	1 2 3	103.00 103.00 103.00	2.50 2.50 4.00	CR CTF CHSL-B	SGI GCI GCI
Dieselmotor 8031.04	2749	Benfra 215		3					
Dieselmotor 8040.04.200 8041.04, 8045.04.300 8040.04	3666	Baureihe 50/55 Traktor 766/DT, 780/DT, 788, R 8076, Raupe FL 5, FL/FR 7, FR 9, FR 12, 765 C, 855 C, C 8076 50.8, 55.8, 60.8, 65 P, 66.18 B Traktor 880- 5/DT/ S, Raupe 955 C, Radlader FR 7		4					



GRINDLAYS

PISTON RINGS

Dieselmotor 8055.04.200	4583	Traktor 1000 S/DT, 1180/DT, Raupe FL 7 Baureihe65/79/ 80/90/95/100/1 10,		5					
Dieselmotor 8065.04.2	5496	315, 115, 135 79.13, 79.14, 80.13, 80.14, 90.13, 90.14,		6					
Dieselmotor 8060.04.060	5499	95.14, 100.13, 109.14, 110.14, 115.14, 120.13, 135.14,		6					
Dieselmotor 8060.04	5500	A55F13, A90.13, A90.14, 315.13, 316.13		6					
Dieselmotor 8060.24.001	5500	80.16, 115.17, 135.17, 315.17 FR 10/12, FE 18 R,	G-FI-IV-007	6	1 2 3	103.00 103.00 103.00	3.00 2.50 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor 8065.24	5499	Traktor 1280 T/1		6					
Dieselmotor 8030.05 8035.05.000 Dieselmotor 8040.05 8045.05.000	2931 3908	60-66, 60-90, 60.65, 60.66, FL4 50-65, 80-90, 80.65, 80.66, 80.90, 85.95, 90.90, FL 4, FL/FD 5, FB/FD/FL/FR 7, FR 9, FR 10, FE 12	G-FI-IV-008	3 4	1 2 3	104.00 104.00 104.00	2.50 2.50 4.00	CR NTF CHSL-B	SGI GCI GCI
Dieselmotor 8050.05 8055.05.000 Dieselmotor 8060.05.000 8065.05.000	4885 5862	90-90, 90.90, 95.55 79.14, 115.14, 115.90, FD 9, FL 10, 110.90, 115.90, FD/FL 7, Traktor		5 6					
Dieselmotor 8065.05.330 8065.25.000 8065.25.080 8060.25.000 8065.25.220	5862	LKW, Traktor, 110.17, 115.17, 135.17, 145.17, 157.17, Eurocargo 80, E 18	G-FI-IV-009	6	1 2 3	104.00 104.00 104.00	3.00 2.50 4.00	CRFK NTF CHSL-B	SGI GCI GCI



GRINDLAYSTECH

PISTON RINGS

Dieselmotor 8040.25.000	3908	60.11, 65.12, 75.12		4					
Dieselmotor 8040.25.4000	3906	79.12	G-FI-IV-010	4	1	104.00	3.50	CRFK	SGI
Dieselmotor 8060.25.400	5862	115.17, 135.17, 79.12-300-360- 4417		6	2	104.00	2.50	NTF	GCI
Dieselmotor 8060.25.420		79.12-300-360- 4417			3	104.00	4.00	CHSL-B	GCI
Dieselmotor 8040.25.420	3908	ML 65 E14		4					
Dieselmotor 8040.45	3907			4					
TCA, Euro 2 Dieselmotor 8060.45	5861	ML 130 E23, ML 80 E21, ML 120 E18		6					
TCA, Euro 2, 8060.45.600									
Dieselmotor CO 3 D, CN 3 D	3706	Traktor 650/DT, 850/DT, 130 NT/ NC/NR/F/R	G-FI-IV-011	3	1	110.00	2.50	CR	GCI
		Traktor 650/DT, 850/DT, 750, 800, 805, 130 NT/NC/NR/F/R			2	110.00	2.50	CTF	GCI
Dieselmotor CO 3 D, CP 3/80	4940	Traktor 650/DT, 850/DT, 130 NT/ NC/NR/F/R		4	3	110.00	2.50	N	GCI
		Traktor 650/DT, 850/DT, 130 NT/ NC/NR/F/R			4	110.00	5.00	BPSL	GCI
Dieselmotor CP 3 D, CP- 3-11	7412	AD/BD/FL 10, SL 11, S/SR 70, S 90		6					
		Traktor 750, 805, 840, 850, 880, Cerbiatto- V, Lupetto, Daino, Tigrotto, Leoncino, OM 50/ 55/65/70/75							
Dieselmotor CO 3/75	4562			4					



GRINDLAYS

PISTON RINGS

Dieselmotor CP 3 D		Tigrotto 50, 55, MK5, Traktor 650, 655, 750, 850, 880, Autocarro 120, Daino 40, 45, Leoncino 35, Lupetto 25, 30, Cerbiatto	G-FI-IV-012	6	1 2 3 4 5	110.00 110.00 110.00 110.00 110.00	2.50 2.50 2.50 5.00 5.00	CR CTF N BPSL SOR	GCI GCI GCI GCI GCI
Dieselmotor CO 3 D				3					
Dieselmotor CO 3 D				4					
Dieselmotor CO 3 D				5					
Dieselmotor 8360.46	7685	Eurocargo	G-FI-IV-013	6	1 2 3	112.00 112.00 112.00	3.50 2.50 4.00	CRFK CTFIB CHSL-B	SGI GCI GCI
Dieselmotor 8340.04.000 8340.06.000	4570	50 F 9, 55 F 9, 50 F 10, 55 F 10, 65 F 10, 70 F 10, 75 F 10, 50 NC, 55 NC, 65 NC, 70 NC, 75 NC CO 3-130t	G-FI-IV-014	4	1 2 3	115.00 115.00 115.00	2.50 2.50 4.00	CR CTF CHSL-B	SGI GCI GCI
Dieselmotor 8340.05.000	5400	FL 9		4					
Dieselmotor CO 3/130	5401	Traktor CO 3- 130		4					
Dieselmotor 8360.05.673/ 300	8100	140, 150 NC 17, 159		6					
8361.01/.05 Dieselmotor 8365.05.500	8102	Traktor 1580, 1355C, FL 10, FE 20/24, FG 75		6					
Dieselmotor 8361.25.510 8361.45.500 8361.45.530 8365.25.500 8365.25.532/ 500	8102	Industriemotor Marinemotor Traktor 1880, 1580, 160-90, 180-90, FD/FL 14 FR 15, FR 20, FE 28, FG 85,	G-FI-IV-015	6	1 2 3	115.00 115.00 115.00	3.00 2.50 4.00	CRFK CTF CHSL-B	SGI GCI GCI



GRINDLAYSTECH

PISTON RINGS

		FG 95, FA 150, FR 158, Traktor 1580, 1880							
Dieselmotor F2BE0681	7790	Eurotech 190 E, 260 E, 440 E	G-FI-IV-016	6	1 2 3	115.00 115.00 115.00	3.00 2.50 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor 8460.21.002 8460.21.102 8460.21.406 8465.21.002 8460.21.010 8460.21.601 8460.21.202 8460.21.611 8460.41.320 8460.41.406 Dieselmotor 8460.41.101	9498 9500	175.24, 190.26, Bus 680, 190.24 TC, Bus 480, 190.32, 240.32, LKW 190.32	G-FI-IV-017	6 6	1 2 3 	120.00 120.00 120.00 	3.50 3.00 5.00 	CRFK CRTFIB CHSL-B	SGI GCI GCI
Dieselmotor F3AE0681 DA017/31 EA 017/024/031	10300	Eurotech	G-FI-IV-018	6	1 2 3	125.00 125.00 125.00	3.50 3.00 4.00	CRFK NTF CHSL-B	SGI GCI GCI
Dieselmotor 8220.02/12, 16524	9570	150.20, 130.20, 190.20	G-FI-IV-019	6	1 2 3	125.00 125.00 125.00	3.00 3.00 4.00	CR CTF CHSL-B	SGI GCI GCI
Dieselmotor 8200.02.00/ 220 A, 8200.12.004, 8205.02	9800	684 N/NP/NT/T/ TP, 690 N 4, Traktor AD/BD/ FL 14, 150 C, 308, 309, 331, 343, 409, 418, 420	G-FI-IV-020	6	1 2 3 4	125.00 125.00 125.00 125.00	3.50 3.00 3.00 5.50	CRFK CTF NTF CHSL-B	SGI GCI GCI GCI
Dieselmotor 8220.22 8220.32	9572	165.24, 180.24, 370.24 (Vertikal) 671.24 (Horizontal)	G-FI-IV-021	6	1 2 3 4	125.00 125.00 125.00 125.00	4.00 3.00 3.00 4.00	CRFK CTF CTF CHSL-B	SGI GCI GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor 203 A/61- 221.000	11548	682 N3, N4, T3, T4, 690 N1, N2, T1, T1R, Bus 306	G-FI-IV-022	6	1 2 3 4	130.00 130.00 130.00 130.00	4.00 3.00 3.00 5.50	CRFK CTFIB NTF CHSL-B	SGI GCI GCI GCI
Motor F3BO681 CB 401/402/411 Cursor 13	12882	260 E, 340 E, 380 E, 410 E, 440 E, 720 E	G-FI-IV-023	6	1 2 3	135.00 135.00 135.00	4.00 3.00 5.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor 8210.02.00/2 21 A, 8210.12.0, 8215.02 Dieselmotor 8210.22 S, 8210.22.000 8215.22 Dieselmotor 8210.22.869	13797 13798 13795	170, 180, 190, 240, 260, 300, 330, 370, 421, 619, 691, 697, 190, 170, 240, 260, 370 Raupe FL/FR/ FD 20,FE40/45 LKW	G-FI-IV-024	6 6 6	1 2 3 4	137.00 137.00 137.00 137.00	4.00 3.00 3.00 5.50	CRFK CRTF CRTF CHSL-B	SGI GCI GCI GCI
			G-FI-VI-025		1 2 3 4	137.00 137.00 137.00 137.00	4.00 3.00 3.00 5.50	CRFK CTF CTF CHSL-B	SGI GCI GCI GCI
Dieselmotor 8210.42.101 8210.42.151/ 152, 8210.42.400 8210.42.009 8210.42.369 Euro 2	13798	190.36, 240.36, 330.36, 340.36, TurboStar, 190.38, TurboTech 380, Eurotech, 400 E 42, 190 E 42, 260 E 42, 380 E 42, 440 E 42, 410 E 42, 720 E 42, 330.36, Eurotruc 370CV LD 240 E 47	G-FI-IV-026	6	1 2 3	137.00 137.00 137.00	4.00 3.00 5.50	CRFK CRTF CHSL-B	SGI GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor 8260.02 8280.01 8280.02			G-FI-IV-027	6 V8 V8	1 2 3	145.00 145.00 145.00	3.50 3.00 6.00	CR CRTF CHSL-B	GCI GCI GCI
Dieselmotor 8260.01/02	12876	370.25	G-FI-IV-028	V6	1	145.00	4.00	CRFK	SGI
Dieselmotor 8280.01/02.0 00	17174	170, 190, 220, 240, 260, 330, 190.48,		V8	2 3	145.00 145.00	3.00 6.00	CRTF CHSL-B	GCI GCI
8280.42.001 Dieselmotor 8280.22, 8281.22, 8282.22, 8285.22, 8280.45.350	17170	TurboStar 2 190, 220, 240, 320, FR35, FD30 LKW, Traktor, Baumaschine, Industrie-, Marinemotor		V8					



FORD

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)	Specification / Ring Type	Material
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GRINDLAYSTECH

PISTON RINGS

					Position	D Ø	B 		
						(dia)	(Thickness)		
Motor 1.1 HCS	1119	Fiesta, Escort	G-FO-001	4	1 2 3	68.70 68.70 68.70	1.50 1.75 3.00	CRIB N TPOR	SGI/S GCI S
Motor	1300	Escort	G-FO-002	4	1 2 3	70.00 70.00 70.00	1.75 2.00 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor CHT	1300	Escort	G-FO-003	4	1 2 3	71.50 71.50 71.50	1.75 2.00 4.00	CRIB CTF TPOR	SGI/S GCI S
Motor ZH132 Zetec S	1242	Fiesta 1.25 Trend	G-FO-004	4	1 2 3	71.90 71.90 71.90	1.20 1.50 2.50	CIB NTF TPOR	SGI/S GCI GCI
Motor	1288		G-FO-005	4	1 2 3	73.00 73.00 73.00	1.75 2.00 4.00	CR N TPOR	SGI/S GCI S
Motor OHV, H/HCF, CFI, EFI, Valencia	1297	Escort, Orion, Fiesta, Ka	G-FO-006	4	1 2 3	74.00 74.00 74.00	1.50 1.75 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor TK B, LC Motor TKB, LC, HC Motor GSF, HC	935 957 1117	Fiesta Fiesta Fiesta, Escorts	G-FO-007	4	1 2 3	74.00 74.00 74.00	1.60 2.00 4.00	CR NTF TPOR	SGI GCI S
Motor ZH14, Zetec S, Zetec SE	1388	Fiesta – Focus Puma	G-FO-008	4	1 2 3	76.00 76.00 76.00	1.20 1.50 2.50	C CTF TPOR	SGI/S GCI GCI
Motor Zetec	1597	Escort 1.6 16V	G-FO-009	4	1 2 3	76.00 76.00 76.00	1.20 1.60 2.50	CIB NTF TPOR	SGI/S GCI S
Motor Zetec 16 V	1597	Escort, Orion	G-FO-010	4	1 2 3	76.00 76.00 76.00	1.50 1.60 2.50	CRIB NTF TPOR	SGI/S GCI S
Motor E3 Motor E5	1296 1490	Laser Laser	G-FO-011	4 4	1 2 3	77.00 77.00 77.00	1.50 2.00 4.00	CR NTF TPOR	SGI/S GCI S



GRINDLAYS

PISTON RINGS

Motor CVH, FUA Motor 1392 cm3	1396	Fiesta, Escort, Orion	G-FO-012	4	1	77.25	1.60	CR N TPOR	SGI GCI S
	1392			4	2	77.25	2.00		
					3	77.25	4.00		
Motor NA-new	1800	Courier	G-FO-013	4	1	78.00	1.20	CR NTF TPOR	SGI/S GCI S
					2	78.00	1.50		
					3	78.00	4.00		
Motor VB	1800	Courier	G-FO-014	4	1	78.00	1.50	CR TF NTF TPOR	SGI/S GCI S
					2	78.00	1.50		
					3	78.00	4.00		
Motor FYDA, FYDB, Sigma, Zetec	1596	Focus 1.6 16V, Fiesta, Mondeo, Puma, Fusion 1.6 16 V	G-FO-015	4	1	79.00	1.20	CR NTF TPOR	SGI/S GCI S
					2	79.00	1.50		
					3	79.00	2.00		
Motor HC, Kent	1294	Cortina, Taunus	G-FO-016	4	1	79.00	1.60	CR CTF TPOR	SGI GCI S
					2	79.00	2.00		
					3	79.00	4.00		
Motor LC	1285	Capri II, Taunus	G-FO-017	4	1	79.00	2.00	CR CTF TPOR	SGI/S GCI S
					2	79.00	2.50		
					3	79.00	4.00		
Dieselmotor 4.107	1800	Transit	G-FO-018	4	1	79.37	5/64"	CRIB CIB CIB CHSL-B SOR	GCI GCI GCI GCI GCI
					2	79.37	1/16"		
					3	79.37	1/16"		
					4	79.37	3/16"		
					5	79.37	3/16"		
Motor MA-new		Courier	G-FO-019	4	1	80.00	1.20	CR NTF TPOR	SGI GCI S
					2	80.00	1.50		
					3	80.00	4.00		
Motor CVH	1800	Sierra	G-FO-020	4	1	80.00	1.50	CRIB NTF TPOR	SGI/S GCI S
					2	80.00	1.50		
					3	80.00	3.00		
Motor CVH, HC, IPC Motor CVH, LRB, EFI	1298	Fiesta, Escort, Orion	G-FO-021	4	1	80.00	1.60	CR NTF TPOR	SGI GCI S
					2	80.00	2.00		
	1597	Escort, Fiesta XR 2, Escort XR 3, Escort RS, Escort XR 3i,			3	80.00	4.00		



GRINDLAYS

PISTON RINGS

Motor CVH, LNA, LUC	1598	Orion, Fiesta XR 2i Escort RS Turbo Escort XR 3i, Orion Fiesta XR 2, Escort							
Dieselmotor Kent	1608	Fiesta D, Escort D, Orion D	G-FO-022	4	1 2 3	80.00 80.00 80.00	2.00 2.00 3.00	CR CTF CHSL-B	SGI/S GCI GCI
Motor 1.8 DOHC 16V, RKA, RFM	1796	Fiesta, Escort, Mondeo	G-FO-023	4	1 2 3	80.60 80.60 80.60	1.50 1.60 2.50	CRIB NTF TPOR	SGI/S GCI S
Motor DOHC 4V (Zeta)	1800	Fiesta XR2i/S, Escort, Orion	G-FO-024	4	1 2 3	80.60 80.60 80.60	1.50 1.60 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor ZH 18N/M/P, Zetec E	1796	Focus 1.8i, Escort 1.8i, Mondeo 1.8i	G-FO-025	4	1 2 3	80.60 80.60 80.60	1.20 1.60 2.50	CIB NTF TPOR	SGI/S GCI S
Motor VR6	2792	Galaxy	G-FO-026	V6	1 2 3	81.00 81.00 81.00	1.50 1.75 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor E	1598	Sierra	G-FO-027	4	1 2 3	81.30 81.30 81.30	1.60 2.00 4.00	CR CTF TPOR	SGI GCI S
Motor 116 OHC-4	1900	Escort 1.9	G-FO-028	4	1 2 3	82.00 82.00 82.00	1.50 1.50 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor 116 OHC-4	1900	Escort 1.9	G-FO-029	4	1 2 3	82.00 82.00 82.00	1.50 1.50 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor SEA	2544	Mondes 2.5 24 V GT	G-FO-030	6	1 2 3	82.40 82.40 82.40	1.20 1.50 3.00	CIB CTF TPOR	GCI GCI GCI
Dieselmotor LD18TCI Lynx	1753	Focus 1.8 TDdi, Escort, Mondeo	G-FO-031	4	1 2 3	82.50 82.50 82.50	2.50 2.00 3.00	CRHK CTF CHSL-B	SGI/S GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor RTE, RTF	1753	Escort D, Orion D, Fiesta D, Fiesta, Escort	G-FO-032	4	1 2 3	82.50 82.50 82.50	2.00 2.00 3.00	CR CTF CHSL-B	SGI/S GCI GCI
Dieselmotor	1753	Mondeo TD, Escort, Sierra TD P100 Pick up Van	G-FO-033	4	1 2 3	82.50 82.50 82.50	2.50 2.00 3.00	CRFK CTF CHSL-B	SGI GCI GCI
Motor EAO	2394	Scorpio 2.4i, Scorpio	G-FO-034	V6	1 2 3	84.00 84.00 84.00	1.60 1.75 3.50	CR CTF BPSL	SGI/S GCI GCI
Motor Motor P 6/3 Motor LC, P 5 DH, HC	1698 1288 1998	Taunus 17M Capri, Tanus 12 M, Transit 600 Taunus 12 M, Taunus 17 M/20M, Capri 2000, 41 F, 42 F, 43 F, 45 F, 46 F, Capri 2000 II, Taunus 2000, Granada 2000,	G-FO-035	4 V4 V6	1 2 3	84.00 84.00 84.00	2.00 3.00 5.00	CRIB N TPOR	SGI/S GCI S
Motor EAO	1988	Mondeo	G-FO-036	4	1 2 3	84.80 84.80 84.80	1.50 1.75 3.00	CRIB CTF TPOR	SGI/S GCI S
Motor EAO	1988	Mondeo 2.0i, Contour 2.0i	G-FO-037	4	1 2 3	84.80 84.80 84.80	1.50 2.00 3.00	CRIB N TPOR	SGI/S GCI S
Motor ZH20, ZETEC E	1988	Mondeo, Focus, Cougar 2.0 16v	G-FO-038	4	1 2 3	84.80 84.80 84.80	1.20 1.50 3.00	CR CTF TPOR	SGI/C GCI GCI
Motor CAA, EAO, Sigma, Zetec	1998	Mondeo, Focus, Cougar 2.0 16v	G-FO-039	4	1 2 3	84.80 84.80 84.80	1.20 1.75 3.00	CR CTF TPOR	SGI/S GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor 2.0TDi Duratorq,	1998	Transit Mondeo	G-FO-040	4	1 2 3	86.00 86.00 86.00	2.50 2.00 3.00	CRHK CTF BPSL	SGI/S GCI GCI
Motor DOHC/EFI/N S/NSE	1998	Galaxy, Sierra, Scorpio, Transit	G-FO-041	4	1 2 3	86.00 86.00 86.00	1.60 1.75 3.00	CR NTF TPOR	SGI GCI S
Dieselmotor 4V (Zeta)	2000	Econovan	G-FO-042	4	1 2 3	86.00 86.00 86.00	2.00 2.00 4.00	CRIB CTFIS CHSL-B	SGI GCI GCI
Motor OHC/REC	1796	Granada, Sierra, Scorpio	G-FO-043	4	1 2 3	86.20 86.20 86.20	1.60 2.00 4.00	CR CTF TPOR	SGI/S GCI S
Motor CVH	1594	Taunus, Cortina, Capri, Granada, Sierra	G-FO-044	4	1 2 3	87.65 87.65 87.65	1.60 2.00 4.00	CR CTF TPOR	SGI GCI S
Motor LC	1576	Taunus 1600 Capri 1600 II, Transit 100/120/130/ 190, A 509	G-FO-045	4	1 2 3	87.65 87.65 87.65	2.00 2.50 4.00	CR CTF TPOR	SGI/S GCI S
Dieselmotor XD 4.88	1948	Granada	G-FO-046	4	1 2 3 4	88.00 88.00 88.00 88.00	2.00 2.00 2.00 4.50	CR CTF NTF BPSL	SGI/S GCI GCI GCI
Motor 183 V-6	3000	Taurus 3.0 V6	G-FO-047	V6	1 2 3	89.00 89.00 89.00	1.50 1.50 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor DH 23	2295	Scorpio, Ghia, Galaxy 2.3 I 16V	G-FO-048	4	1 2 3	89.60 89.60 89.60	1.60 1.50 2.50	CR NTF TPOR	SGI GCI S
Dieselmotor DT24N, DT24P DT24H	2402	Transit TD, Transit Tdi	G-FO-049	4	1 2 3	89.90 89.90 89.90	2.50 2.00 3.00	CRHK CTFIB BPSL	SGI/S GCI GCI
Dieselmotor XD 4.90	2112	Granada	G-FO-050	4	1 2 3 4	90.00 90.00 90.00 90.00	2.00 2.00 2.00 4.50	CR CTF N BPSL	SGI/S GCI GCI GCI



GRINDLAYS ENGINE PARTS

PISTON RINGS

Motor P 4 C, P 6/5, PQ 5, P 4 S, P 5/6, R 5	1498	Taunus 15 M, Capri 1500, Taunus 12M/ 15M/17M, 23 G, 28 G, 29 G, 21 G 22 G, 25 G, 72 E 3, 73 E 2, Transit 900/1100/ 75/100/900/1 000	G-FO-051	V4	1 2 3	90.00 90.00 90.00	2.00 3.00 4.00	CR N TPOR	SGI/S GCI S
Motor HF 17 L, R 7, P 5, 1699 cm3,	1699	Taunus 17M/17M Capri 1700, Consul 1700, Granada 1700, Transit 100/115/ 125/130/150/ 175/ 1300/1500/1 759/ 1750,82 E 4, 211, 215, 20 M, 21 M/TS, Capri 2300, Taunus 2300, Granada 2300, 20 M		V4					
Motor HF 23	2293	20 M, 21 M/TS, Capri 2300, Taunus 2300, Granada 2300, 20 M		V6					
Motor HF 23	2294	Sierra 2.3		V6					
Motor YB P	1993	Escort Cosworth	G-FO-052	4	1 2 3	90.80 90.80 90.80	1.50 1.75 3.00	CRIB CTF TPOR	SGI/S GCI S
Motor LC	1998	Pinto 2000 (USA) Taunus 2000, Granada 2000, Capri 2000, Transit 100/120/ 130/160/190, Sierra 2.0	G-FO-053	4	1 2 3	90.80 90.80 90.80	1.60 2.00 4.00	CR CTF TPOR	SGI GCI S
Motor HC	1994	Consul 2000,		4					



GRINDLAYS

PISTON RINGS

		Escort RS 2000, Cortina 2000, Taunus 2000, Granada 2000, Capri 2000 II, Sierra 2.0, Scorio 2.0							
Motor 1998 cm3	1998	TaunusCapri, Cortina, Consul, Granada, Pinto	G-FO-054	4	1 2 3	90.80 90.80 90.80	2.00 2.50 4.00	CR CTF TPOR	SGI/S GCI S
Motor FB	2935	Scorio	G-FO-055	V6	1 2 3	93.00 93.00 93.00	1.60 1.75 3.00	CR NTF TPOR	SGI GCI S
Motor	2935	Sierra, Scorio, Scorio 2.9i,	G-FO-056	V6	1 2 3	93.00 93.00 93.00	1.60 1.75 3.50	CR NTF TPOR	SGI GCI S
Motor	2772	Sierra XR 4i, Granada 2.8i, Scorio 2.8i, Capri 2.8i	G-FO-057	V6	1 2 3	93.00 93.00 93.00	2.00 2.50 4.00	CR N TPOR	SGI/S GCI S
Motor HC	2792	Capri, Capri 2.8 Turbo, Granada 2.8, Marinemotor		V6					
Dieselmotor York	2496	Transit 80/100/120/130/160/190	G-FO-058	4	1 2 3	93.67 93.67 93.67	2.00 2.00 4.00	CR CTFIB CHSL-B	GCI GCI GCI
Dieselmotor 2401 E York	2358	Transit 75/80/90/100/115/120/125/130/150/160/175/190, A 0505/0609	G-FO-059	4	1 2 3	93.67 93.67 93.67	3/32" 3/32" 3/16"	CRHK CTFIB CHSL-B	SGI/S GCI GCI
Dieselmotor 2402 E York	3537	Van 100/150 A 0409/0509/0609/0709		6					



GRIIND TECH

PISTON RINGS

Dieselmotor York	2496	Transit 100 L/120/130 /150/160/190	G-FO-060	4	1 2 3	93.67 93.67 93.67	2.50 2.00 4.00	CRFK CTFIB CHSL-B	SGI/S GCI GCI
Dieselmotor LX D 2	2304	Sierra 2.3 D, Granada 2.3 D, Scorpio 2.3 D	G-FO-061	4	1 2 3	94.00 94.00 94.00	2.00 2.00 4.00	CR N CHSL-B	SGI/S GCI GCI
Dieselmotor XD 3 P	2498	Granada 2.5 D, Scorpio 2.5 D		4					
Dieelmotor XD 3 T	2498	Scorpio	G-FO-062	4	1 2 3	94.00 94.00 94.00	3.00 2.00 4.00	CRFK CTF CHLS-B	SGI GCI GCI
Motor	3958	Aerostar, Explorer, Ranger	G-FO-063	V6	1 2 3	100.40 100.40 100.40	1.60 1.75 3.50	CR CTF TPOR	SGI GCI S



FORDSON

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor 330	5416	D 400, 500, 600	G-FOR-001	6	1 2 3 4	100.00 100.00 100.00 100.00	3/32" 3/32" 3/32" 3/16"	CRIB CTF N CHSL-B	GCI GCI GCI GCI
Dieselmotor 4 D 592 E	3610	Thames Trader, Major, Tractor, Power Major	G-FOR-002	4 6	1 2 3 4 5	100.00 100.00 100.00 100.00 100.00	3/32" 3/32" 3/32" 3/16" 3/16"	CRIB CTF N CHSL-B SOR	GCI GCI GCI GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor 6 D 590 E	5416								
Dieselmotor 365, 2713 E	5952	Cargo D 0710, 0711, 0810, 0811, 0910, 0911, 1010, 6500	G-FOR-003	6	1 2 3 4	104.78 104.78 104.78 104.78	3/32" 3/32" 3/32" 3/16"	CRIB CIB N CHSL-B	GCI GCI GCI GCI
Dieselmotor 110, 363 Dover II	5947	Cargo 0711, 0811, 0911	G-FOR-004	6	1 2 3	104.78 104.78 104.78	3/32" 3/32" 3/16"	CRIB N CHSL-B	GCI GCI GCI
Dieselmotor 360 DT, 2704 ET 360 TC Tornado, 2726 T, 150	5944	Cargo D 0915, 1114, 1115, 1314, 1315, 1515, 1315 K, 1515 K, D 1614, D 2014, DA 2014 DT 2014, D 2214, DA 2214, D 2115 DT 2414 Cargo D 0915, 1114, 1115, 1314, 1315 K, 1515 K, 2115	G-FOR-005	6	1 2 3 4	104.78 104.78 104.78 104.78	1/8" 3/32" 3/32" 3/16"	CRFK CIB N CHSL-B	SGI GCI GCI GCI
Dieselmotor 6 Y, 7 A, 2504 E, 2508 E Dieselmotor 6 Y, 7 A,	2868 3818	Traktor Super, Dexta 333, 353, 3000, 3600 Super Major, 5000, 5550, 5600 Traktor Super Major 5000, 5550, 5600	G-FOR-006	3 4	1 2 3 4	106.68 106.68 106.68 106.68	3/32" 3/32" 3/32" 3/16"	CRIB CIB N CHSL-B	GCI GCI GCI GCI
Dieselmotor 2502 E	2589	Dexta 2000, 2310, 2600, 2810		3					
Dieselmotor ND, 6 Y, 7 A, 2504 E	2870	Traktor Super Dexta 333, 353, 3000, 3600		3					



GRINDLAYS

PISTON RINGS

Dieselmotor 2712 E, 2722, 255 Four Dieselmotor 2714E, 2715E, 2725, 380 SIC/ CID	4161	D-0610, 0607, 0707	G-FOR-007	4	1 2 3 6	107.21 107.21 107.21 107.21	3/32" 3/32" 3/32" 3/16"	CR CIB N CHSL-B	GCI GCI GCI GCI
	6224	D-Baureihe 300, 400, 500, 550, 600, 700, 750, 800, DT 800, Gabelstapler O K Cargo D 0607, 0812, 0813, 0911, 0913, 1011, 1013, 1111, 1211, 7095, 6500 S, 642 Combine							
Dieselmotor 254 CID, Dover 90, Dieselmotor 380 CID Dover 130	4160	Cargo 0606, 0709, 0809	G-FOR-008	4	1 2 3	107.21 107.21 107.21	3/32" 3/32" 3/16"	CR CIB CHSL-B	GCI GCI GCI
	6221	Cargo D 0713, 0813, 0913, 1013, 1613, 1713, 1913		6					
Dieselmotor Dieselmotor 6 Y, 7 A, 4.256	4185 4195	Traktor Major 5000 Combine 620, 622, Traktor 650, 3230, 3430, 3610, 3910, 4100, 5000, 5500, 5550, 5610, 6000, 6500, 6600, 6700	G-FOR-009	4 4	1 2 3 4	111.76 111.76 111.76 111.76	3/32" 3/32" 3/32" 3/16"	CR CIB N CHSL-B	GCI GCI GCI GCI
Dieselmotor Dieselmotor	3294 6388	Traktor 4000 Traktor 8000		3 6					
Dieselmotor 2506 E, 2512 E BSD 333 H, PD, 6 Y, 7 A, 3201	3294	Traktor Major 4000, 4600, Traktor 515, 531, 532, 535, 540, 545, 550, 555, 4000, 4110, 4600,	G-FOR-010	3	1 2 3 4	111.76 111.76 111.76 111.76	1/8" 3/32" 3/32" 3/16"	CRFK CIB N CHSL-B	SGI GCI GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor 7A, 6 Y	6588	4610 Traktor Major 8000, 8200, 8210, 8260, 8400, 8600, 8700, TW 10, Loader A 64, Excavator H 48		6					
Dieselmotor 6 Y, 7 A	4195	A 62 Loader, Traktor 750, 7000, 7500, 7600, 7700		4					
Dieselmotor BSD 444 BSD 444 T	4392	Traktor 6610, 6610 (CH), 6710,		4					
Dieselmotor 7 A	6575	7610, 7710 Traktor 9200, 9260, 9600, 9700, TW-20, 25, 30, 35		6					
			G-FOR-011		1 2 3	111.76 111.76 111.76	1/8" 3/32" 3/16"	CRFK CIB CHSL-B	SGI GCI GCI



GA3 - WOLGA

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specificati on / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Motor	2445	Volga M 24/24-02, Ga M 24, Ga 69 AM/M, Tundra 469, USA 469 A, M 21 M 21 K, M 22 T, M 22 G, Wolga, Wolga- Universal	G-GA-WO-001	4	1	92.00	2.00	CRIB CTF TPOR	SGI/S GCI S
					2	92.00	2.00		
					3	92.00	5.00		



GRIINDTECH

PISTON RINGS



GUASCOR

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor E 158 SP	15900	Schiffsmotor	G-GU-001	6	1	150.00	3.50	CR	SGI
Dieselmotor E 212 SP, TA-SP	21200	Marine Engine		8	2	150.00	3.50	CTF	GCI
Dieselmotor E 318 T-SP	31800	Generator		12	3	150.00	3.50	CTF	GCI
					4	150.00	6.00	CHSL-B	GCI
Dieselmotor R 15, ENA, 2-12 Cyl.	15900	Schiffsmotor	G-GU-002	2-12	1	150.00	4.00	CRFK	SGI
	21200	Marine engine			2	150.00	3.50	CTF	GCI
	31800	Generator			3	150.00	3.00	CTF	GCI
					4	150.00	6.00	CHSL-B	GCI



GRINDLAYSTECH

PISTON RINGS

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HATZ

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor E 71	315		G-HA-001	1	1	71.00	2.50	CRIS	SGI
Dieselmotor E 672	265			1	2	71.00	2.50	N	GCI
Dieselmotor E 671	320			1	3	71.00	4.00	DB-SOR	GCI
Dieselmotor E 573, E 673, LK/RK, LN/RN, LKF/RKF, LNF/RNF, LHK/RHK	280		G-HA-002	1	1	73.00	2.00	CR	GCI
					2	73.00	2.00	CTFIB	GCI
					3	73.00	4.00	DB-SOR	GCI



GRINDLAYS

PISTON RINGS

Dieselmotor E/ES 71, E/ES 75			G-HA-003	1	1 2 3	75.00 75.00 75.00	1.75 1.75 4.00	CRTFIB CTF DB-SOR	SGI/S GCI GCI
Dieselmotor E 75	353		G-HA-004	1	1 2 3	75.00 75.00 75.00	2.50 2.50 4.00	CR CIB DB-SOR	GCI GCI GCI
Dieselmotor E 80, E 80 G E 80 FG, E 80, FC	502		G-HA-005	1	1 2 3	80.00 80.00 80.00	2.00 2.00 4.00	CR CTF DB-SOR	SGI/S GCI GCI
Motor E 780	500		G-HA-006	1	1 2 3	80.00 80.00 80.00	2.50 2.50 4.00	CR CTF DB-SOR	GCI GCI GCI
Dieselmotor E 79 ES	422		G-HA-007	1	1 2 3	82.00 82.00 82.00	2.00 2.00 4.00	CRIB N DB-SOR	SGI GCI GCI
Dieselmotor E 79 Dieselmotor Z 782	422 1050		G-HA-008	1 2	1 2 3	82.00 82.00 82.00	2.50 2.50 4.00	CRIB CTF DB-SOR	SGI GCI GCI
Dieselmotor ES, E 780	525		G-HA-009	1	1 2 3	82.00 82.00 82.00	2.50 2.50 5.00	CRIB CTF DB-SOR	SGI GCI GCI
Dieselmotor E 85 FG/FL/G Dieselmotor E 786	567 624	TL 10	G-HA-010	1 1	1 2 3	85.00 85.00 85.00	2.00 2.00 4.00	CR CTF DB-SOR	GCI GCI GCI
Dieselmotor E/ES 785	620		G-HA-011	1	1 2 3	85.00 85.00 85.00	2.50 2.50 4.00	CRIB CIB DB-SOR	SGI GCI GCI
Dieselmotor E 785, ES 785	620		G-HA-012	1	1 2 3 4	85.00 85.00 85.00 85.00	2.50 2.50 4.00 4.00	CRIB CIB SOR SOR	GCI GCI GCI GCI
Dieselmotor E 85			G-HA-013	1	1 2 3	85.00 85.00 85.00	3.00 3.00 5.00	CRIB CTF DB-SOR	GCI GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor 2 G 30	912		G-HA-014	2	1 2 3	88.00 88.00 88.00	2.00 2.00 4.00	CR CTF DB-SOR	SGI/S GCI GCI
Dieselmotor E 88/89 FG/FL/G	668	Traktor TL 11/12/12, H 113	G-HA-015	1	1 2 3	90.00 90.00 90.00	2.00 2.00 4.00	CR CTF DB-SOR	SGI/S GCI GCI
Dieselmotor Z 788	1145	Indutremotor		2					
Dieselmotor Z 790, Z 789	1272			2					
Dieselmotor E 89 G/FG/FL	668		G-HA-016	1	1 2 3	90.00 90.00 90.00	2.50 2.50 5.00	CRIB CTF DB-SOR	GCI GCI GCI
Dieselmotor Z 788	1145		G-HA-017	2	1 2 3	90.00 90.00 90.00	3.00 3.00 5.00	CRIB CTF DB-SOR	GCI GCI GCI
Dieselmotor Z 790	1270			2					
Dieselmotor E 950	744		G-HA-018	1	1 2 3	95.00 95.00 95.00	2.00 2.00 4.00	CR N BPSL	SGI/S GCI GCI
Dieselmotor 2 L 30 S/C	1418		G-HA-019	2	1 2	95.00 95.00	3.00 3.00	CRFKIB N	SGI GCI
Dieselmotor 3 L 30 S/C	2126			3	3	95.00	5.00	BPSL	GCI
Dieselmotor 4 L 30 S/L	2835			4					
Dieselmotor 1 D 80	667		G-HA-020	1	1 2 3	100.00 100.00 100.00	2.50 2.00 4.00	CR NTF DB-SOR	SGI GCI GCI
Dieselmotor 2 L/M 40	1716		G-HA-021	2	1 2	102.00 102.00	3.00 2.50	CRFK NTF	SGI GCI
Dieselmotor 3 L/M 40	2574			3	3	102.00	4.00	BSOR	GCI
Dieselmotor 4 L/M 40	3432	Industriemotor		4					
Dieselmotor E 108	1007		G-HA-022	1	1 2	108.00 108.00	3.00 3.00	CRFK C	SGI GCI
Dieselmotor Z 108	2014			2	3 4	108.00 108.00	3.00 5.00	N DB-SOR	GCI GCI
Dieselmotor D 108	3021			3					
Dieselmotor	4028			4					



GRINDLAYSTECH

PISTON RINGS

V 108									
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HYUNDAI

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Motor 4G15	1468	Pony, Lantra, S-Coupé, Excel	G-HY-001	4	1 2 3	75.50 75.50 75.50	1.50 1.50 4.00	C CTF TPOR	SGI/S GCI S
Motor 4G32	1597	Pony, Stellar	G-HY-002	4	1 2 3	76.90 76.90 76.90	2.00 2.00 4.00	CR CTF TPOR	SGI GCI S
Dieselmotor XUD 9, XUD 9 A	1905	Lantra	G-HY-003	4	1 2 3	83.00 83.00 83.00	2.00 2.00 3.00	CR CTF CHSL-B	SGI/S GCI GCI



GRINDLAYS

PISTON RINGS

Motor	2972	Sonata	G-HY-004	6	1 2 3	91.10 91.10 91.10	1.50 1.50 4.00	CR CRTF TPOR	SGI GCI S
Motor	2346	Van Grace	G-HY-005	4	1 2 3	91.10 91.10 91.10	2.50 2.00 4.00	CR CRTF CHSL-B	SGI GCI GCI



IFA

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor 4 VD 14.5, 12-1 SRW	6560	IFA W 50	G-IF-001	4	1 2 3	120.00 120.00 120.00	3.00 3.00 5.00	CR CTF CHSL-B	GCI GCI GCI
Dieselmotor 4 VD 14, 5/12 1 SRW	6560	Traktor zt 300, 303, 304, Mähderscher, Fortschritt 512, 514, IFA W 50, Industriemotor	G-FI-002	4	1 2 3	120.00 120.00 120.00	3.50 3.50 5.00	CR CTF CHSL-B	GCI GCI GCI



GRINDLAYS

PISTON RINGS



IHC

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor DD-66	1088	Traktor D 214 S/DLD-2/D 212/	G-IH-001	2	1	82.55	3/32"	CIB	GCI
					2	82.55	3/32"	CIB	GCI
					3	82.55	3/32"	CIB	GCI
Dieselmotor DD-99	1631	D 215		3	4	82.55	3/16"	BSOR	GCI
Dieselmotor DD-132	2175	Traktor D 320 S/D 322/DED 3		4	5	82.55	3/16"	SOR	GCI
		Traktor D 430S/ D 432/D 440/ DGD 4							
Dieselmotor DD 74	1217	Traktor D 217 S/F, D 219	G-IH-002	2	1	87.31	3/32"	CRIS	GCI
					2	87.31	3/32"	CTF	GCI
Dieselmotor DD 111,	1825	Traktor D		3	3	87.31	3/32"	CTF	GCI
DU 11		323/ D 324 S/D			4	87.31	3/16"	BSOR	GCI
		326,			5	87.31	3/16"	SOR	GCI



GRINDLAYS

PISTON RINGS

Dieselmotor DD 148, DD 148 D	2434	Mähdescher D 8-62 Traktor D 436 S/ D 438 S/DTD 5, 439		4					
Dieselmotor BD 154	2520	Traktor 238, 364, 384, 414, 424, 434, 444, 2424, 2444, 7000	G-IH-003	4	1 2 3 4 5	88.90 88.90 88.90 88.90 88.90	3/32" 3/32" 3/32" 3/16" 3/16"	CRIB CTF CTF BSOR SOR	GCI GCI GCI GCI GCI
Dieselmotor D 179	2933	633	G-IH-004	3	1	98.43	1/8"	CR	GCI
Dieselmotor D 239	3910	684, 744, 3500, TD-8 II, 125B II		4	2 3	98.43 98.43	3/32" 3/16"	CIB BPSL	GCI GCI
Dieselmotor D 358	5860	1055, 520, 630, 640, 515, 630 W, 541, 943, Traktor 826, 886, 955, 956, 1046, 1056, 2826, 3288, 3414, Mähderscher 531 Excavator 3965 B 1420, 3964 B, 3965 B, 3966 B, 3984		6					
Dieselmotor D179,UD 179	2933	240, 454, 464, 484, 523, 553, 633, 2400, 4500	G-IH-005	3	1 2 3	98.43 98.43 98.43	1/8" 3/32" 3/16"	CRFK CIB CHSL-B	SGI GCI GCI
Dieselmotor D 239	3910	684, 744, 452, 3500, 182 013, TD-8 II, 609, 125B II		4					
Dieselmotor D 358	5860	1055, 520, 844, 630, 640, 515, 630, 541, 943, Traktor		6					



GRINDLAYS

PISTON RINGS

		826, 886, 955, 956, 1046, 1056, 2826, 3228, 3414, Mähdrescher 531 Excavator 3965 B 1420, 3964 B, 3965 B, 3966 B, 3984							
Dieselmotor DT 239	3920	Traktor 856 XL		4					
Dieselmotor DT 358	5867	530 A, 640 HD, 650, 1255, 1246, 953		6					
Dieselmotor DT 239 DT 358	3901			4					
Dieselmotor D 155, D 155	2540	Traktor D 353, D 383, D 423, D 433, XV 433, XE 433, SU 533, 2 WD, SU 533 4 WD, SU 533 V, XV 533, XE 533, 533 Wheel, Tractor 503 Payloader		3					
Dieselmotor D206,UD 206	3380	Traktor D 258, D 584, D 554, D 644, D 645, E 733, V 733, D 884		4					
Dieselmotor D310,UD 310	5070	165 Crawler, 95 Cotton, 82 Cotton, 431		6					



GRINDLAYS

PISTON RINGS

		Combine, 715 Combine, Traktor 711 SP, Hydro 86, D 686, D 786, D 946, D 955							
Dieselmotor D 268	4388	Traktor 270	G-IH-006	4	1	100.00	1/8"	CRFK	SGI
Dieselmotor D 402	6582	Traktor 270 A, TD 8 C, 844 S, 845, 510 Payloader		6	2 3	100.00 100.00	3/32" 3/16"	NIB CHSL-B	GCI GCI
Dieselmotor D 246	4025	Traktor 784, 824 A, 844 A, Hydro 84	G-IH-007	4	1 2 3	100.00 100.00 100.00	1/8" 3/32" 3/16"	CRIB CTF CHSL-B	GCI GCI GCI
Dieselmotor DT 402	6588	1455 Traktor, 650 HD Jumbo, 530 Payloader, 3994 Jumbo, 953 Combine	G-IH-008	6	1 2 3	100.00 100.00 100.00	1/8" 1/8" 3/16"	CRFK CRFK CHSL-B	SGI SGI GCI
Dieselmotor OHV, BD 264	4325	Farmall B-450, BMD/BWD-6, BMD, BTD-6, U 264, B-450, BWD-6	G-IH-009	4	1 2 3 4 5	101.60 101.60 101.60 101.60 101.60	3/32" 3/32" 3/32" 1/4" 1/4"	C C C SOR SOR	GCI GCI GCI GCI GCI



GRINDLAYS

PISTON RINGS



JOHN DEERE

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor 153.310/510	2490	820, 920	G-JO-DE-001	3	1	98.00	3/32"	CR	GCI
Dieselmotor 204.710	3320	Traktor T 100/ 1.010, Mähdrescher HJ-LO, 220 Crawler, JD 450, Skidder 440, Traktor T 700 3120		4	2	98.00	3/32"	CTF	GCI
					3	98.00	5.00	CHSL-B	GCI
Dieselmotor 6303 DL 01	4975			6					
Dieselmotor A 6.354	5800	Mähdrescher 630, 730	G-JO-DE-002	4	1	98.48	3/32"	CRIB	GCI
					2	98.48	3/32"	CIB	GCI
					3	98.48	3/32"	CIB	GCI
					4	98.48	1/4"	BSOR	GCI
					5	98.48	1/4"	SOR	GCI



GRINDLAYS

PISTON RINGS

Dieselmotor 3164 DL 01, JD 164	2696	Schlepper 1520	G-JO-DE-003	3	1 2 3	102.00 102.00 102.00	1/8" 3/32" 5.00	CRFK CTFIB CHSL-B	SGI GCI GCI
Dieselmotor 4219 DL 01	3588	Schlepper 2030, 2120		4					
Dieselmotor 6329 DL 01, JD 329	5395	Traktor 1520, 2120, 2030, 2520, 3120		6					
Dieselmotor 3164 DL 03	2690	Traktor 830, 930, 1020, 1030, 1035, 1120, 1130, 1530, 2020, 2040, Mähdrescher 890, 925, 930		3					
Dieselmotor 4219 DL 03, 09	3590	Traktor 2030, 2035, 2440, 3030, 3130, Mähdrescher 935 Radlader JD 410, JD 400 AJ.		4					
Dieselmotor 6329 DL 03	5380	Traktor 3030, 3130, 3135, 4030, Mähdrescher 955 Combine 6600		6					
Dieselmotor 3239 DL 01	2938	3030, 3040, 3050, 3130, 3140, 3350, 3640	G-JO-DE-004	3	1 2 3	106.50 106.50 106.50	1/8" 3/32" 3.50	CRFK CTFIB CHSL-B	SGI GCI GCI
Dieselmotor 4239 DL 01	3918	840, 940, 1040, 1140, 1350, 1447, 1550, 1630, 1640, 1745, 1750, 1840, 1845, 1850, 1950, 2040, 2130, 2140, 2250, 2450, 2650, 2850, 4050		4					
Dieselmotor 6359 DL	5876	1040, 1140, 1350, 1447,		6					



GRINDLAYS

PISTON RINGS

01/DL/TZ 01/02		1550, 1630, 1640, 1745, 1750, 1840, 1845, 1850, 1950, 2030, 2040, 2130, 2140, 2250, 2450, 2650, 2850, 3040, 3140							
Dieselmotor 42390T/TL, 300 NA, 4039 D	3920	840, 940, 1040, 1140, 1350, 1447, 1550, 1630, 1640, 1745, 1750, 1840, 1845, 1850, 1950, 2040, 2130, 2140, 2250, 2450, 2650, 2850, 3030, 3130, 3140, 3350, 3640, 4050		4					
Dieselmotor 6359 T	5880	840, 940, 1040, 1350, 1447, 1550, 1630, 1640, 1745, 1750, 1840, 1845, 1850, 1950, 2040, 2130, 2140, 2250, 2450, 2650, 2850, 3030, 3040, 3050, 3130, 3140, 3350, 3640, 4040, 4050		6					
Dieselmotor 300 NA, 3179 D	2940			3					
Dieselmotor 300 NA, 4045 D	4524			4					
Dieselmotor 300 NA, 6059 D	5878			6					
Dieselmotor 300 NA, 6068 D	6786			6					



GRINDLAYS

PISTON RINGS



KAMA3

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor 7401, 7-40	10852	Bus PA 3-4202, KAB 3-5252	G-KA-001	V8	1	120.00	3.00	CRHK	SGI
					2	120.00	3.00	CRHK	SGI
					3	120.00	5.00	CHSL-B	GCI
Dieselmotor 13565	13565	740		V10					
Dieselmotor 5320, 2410, 5511, 53202, 53212	10850			V8					
Dieselmotor 740			G-KA-002	V8	1	120.00	3.50	CRFK	SGI
Dieselmotor 7403				V8	2	120.00	3.00	CRHK	SGI
Dieselmotor 7409				V8	3	120.00	4.00	CHSL-B	GCI



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PISTON RINGS



KHD

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor F3M 1008 Dieselmotor F4M 1008J			G-KH-001	3 4	1 2 3	72.00 72.00 72.00	2.00 2.00 3.00	CR CTF BPSL	GCI GCI GCI
Dieselmotor F1L 208 D			G-KH-002	1	1 2 3	80.00 80.00 80.00	2.50 2.50 5.00	CR CTF TPOR	GCI GCI S
Dieselmotor F1L 208F F2L 208F		Stationär motor Stationary Engine	G-KH-003	1	1 2 3	82.00 82.00 82.00	2.50 2.00 3.00	CRIB CTF CHSL-B	GCI GCI GCI
Dieselmotor F1L 310 F2L 310 F3L 310 F4L 310			G-KH-004	1 2 3 4	1 2 3 4	85.00 85.00 85.00 85.00	2.00 2.00 2.00 5.00	CR CTF CTF DB-SOR	GCI GCI GCI GCI
Dieselmotor F 1 L 410 D Dieselmotor F 2 L 410 D	635 1270		G-KH-005	1 2	1 2 3 4	90.00 90.00 90.00 90.00	2.50 2.50 2.50 5.00	CRFKIS CTF CTF BPSL	SGI GCI GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor F1L 612 F2L 612 F3L 612			G-KH-006	1 2 3	1 2 3 4 5	90.00 90.00 90.00 90.00	2.50 2.50 2.50 5.00 5.00	CRIB CTF N DB-SOR DB-SOR	GCI GCI GCI GCI GCI
Dieselmotor F2L 1011 F3L 1011 F4L 1011			G-KH-007	2 3 4	1 2 3	91.00 91.00 91.00	2.00 2.00 3.00	CR CTF BPSL	GCI GCI
Dieselmotor F2M 1011 Dieselmotor F3M 1011F BF3M 1011F Dieselmotor F4M 1011F BF4M 1011F	1370 2180 2910		G-KH-008	1 3 4	1 2 3	91.00 91.00 91.00	3.00 2.00 3.00	CRFK CTFIB CHSL-B	SGI GCI GCI
Dieselmotor BFL 1011E, BFL 1011T			G-KH-009	4	1 2 3	91.00 91.00 91.00	3.00 2.50 3.50	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor F2L 1011 F3L 1011 F3L 1011			G-KH-010	2 3 4	1 2 3	91.00 91.00 91.00	3.00 2.50 3.50	CR CTF CHSL-B	GCI GCI GCI
Dieselmotor F1L 411D Dieselmotor F2L 411D	698 1395		G-KH-011	1 2	1 2 3 4	92.00 92.00 92.00 92.00	2.50 2.50 2.50 5.00	CRFK CTF CTF CHSL-B	SGI GCI GCI GCI
Dieselmotor BF4M 1012 BF6M 1012			G-KH-012	4 6	1 2 3	94.00 94.00 94.00	3.00 2.00 3.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor F 1 L 812 Dieselmotor F 2 L 812 Dieselmotor F 3 L 812 Dieselmotor F 4 L 812 Dieselmotor F 6 L 812	850 1700 2550 3400 5100	Traktor D 15 Traktor D 30, D 2505, D 3005 Traktor D 4005, D 4505, D 40 Traktor D 50, D 5005, D 6005 D15, D30/S, D2505, S3005,	G-KH-013	1 2 3 4 6	1 2 3 4	95.00 95.00 95.00 95.00	2.50 2.50 2.50 5.00	CRIB CTFIB CTFIB BPSL	GCI GCI GCI GCI

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PISTON RINGS

		D40L, D40.1, D 4005, D4505 D 50.1S, D5005 D 5505, D 6005, D 8005,90 D 7,90 D 8,90 D 9, 90 D 11, 100 D7100 D8,100D9, 100 D 10,100 D 11,							
Dieselmotor F1L 712 F2L 712 F3L 712 F4L 712 F6L 712			G-KH-014	1 2 3 4 6	1 2 3 4 5	95.00 95.00 95.00 95.00 95.00	2.50 2.50 2.50 5.00 5.00	CRIB CTFIB CTFIB BPSL SOR	GCI GCI GCI GCI GCI
Dieselmotor FL 210			G-KH-015	1	1 2 3	95.00 95.00 95.00	2.50 2.55 5.00	CRIB CTFIB BPSL	GCI GCI GCI
Dieselmotor F2L 912 D F3L 912 D F4L 912 D F5L 912 D F6L 912 D	1884 2826 3768 4712 5652		G-KH-016	2 3 4 5 6	1 2 3 4	100.00 100.00 100.00 100.00	2.50 2.50 2.50 5.00	CRFK CTF CTF CHSL-B	GCI GCI GCI GCI
Dieselmotor F3L 912 F4L 912 F5L 912 F6L 912 F1L 511 F2L 511	2827 3770 4680 5616		G-KH-017	3 4 5 6 1 2	1 2 3	100.00 100.00 100.00	2.94 2.03 3.00	CRFKIB CTFIB CHSL-B	SGI GCI GCI
Dieselmotor BF4L 912 F4L 912 Dieselmotor BF6L 912 F6L 912			G-KH-018	4 6	1 2 3	100.00 100.00 100.00	2.94 2.50 3.50	CRFKIB CTF CHSL-B	SGI GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor F 1 L 511 D	825		G-KH-019	1	1	100.00	2.94	CRFKIB	SGI
Dieselmotor F 2 L 511 D	1650			2	2	100.00	2.55	CTFIB	GCI
Dieselmotor F 2 L 912 D	1884	D 2506, D 3006 D 2807, D 3607 DX 36		2	3	100.00	5.00	CHSL-B	GCI
Dieselmotor F 3 L 912 D	2826	D 4006/A D 4505/A D 4506/A D 5006/A D 5206/A 2002/A, D 4007, D 4507 D 4897, D 5207 DX 50/55/3.20/ 3.30		4					
Dieselmotor F 4 L 912 D	3768	D 5506, D 6006/A, D 6206/A, D 6806/A D 7006/A, D 7206/A, 2003/a/s, 2004, D 7007, D 7207, DX 4.10/750 DX 85/90		5					
Dieselmotor F 5 L 912 D	4712			6					
Dieselmotor F 6 L 912 D	5652	D 7506/A, D 8006/A, D 9006/A, D 9009/A, D 10006/A, 2005, DX 6.10/110/120							
			G-KH-020		1	100.00	3.00	CRFK	SGI
					2	100.00	2.50	CTF	GCI
					3	100.00	5.00	BPSL	GCI



GRINDLAYS

PISTON RINGS

Dieselmotor F 2 L 912 W F 2 L 912 D	1884	D 2506, D 3006 D 2807, D 3607 DX 36	G-KH-021	2	1 2 3 4	100.00 100.00 100.00 100.00	3.00 2.50 2.50 5.00	CRFK CTF CTF CHSL-B	SGI GCI GCI GCI
Dieselmotor F 3 L 912 W F 3 L 912 D	2826	D 4006/A, D 4505/A, D 4506/A, D 5006/A, D 5206/A, 2002/A, D 4007 D 4507, D 4897 D 5207, DX 50/ 55/3.20/3.30		3					
Dieselmotor F 4 L 912 W F 4 L 912 D	3768	D 5506, D 6006/A, D 6206/A, D 7006/A, D 7206/A, 2003/A/S,200 4, D 7007, D 7207 DX 4.10/750		4					
Dieselmotor F 5 L 912 W	4710			5					
Dieselmotor F 6 L 912 W F 6 L 912 D	5652	D 7506/A, D 8006/A, D 9006/A, D 9009/A, D 100006/A, 2005, DX 6.10/ 110/120		6					
Dieselmotor BF 6 L 912	5640	D 8007/A, D 10006/A		6					
Dieselmotor F 5 L 912 D	4712	DX 85/90		5					
Dieselmotor F 2 L 912 D	1884	D 2506, D 3006 D 2807, D 3607 DX 36	G-KH-022	2	1 2 3	100.00 100.00 100.00	3.00 2.50 4.00	CRFK CRTIF CHSL-B	GCI GCI GCI
Dieselmotor F 3 L 912 D	2826	D 4006/A, D 4505/A, D 4506/A, D 5006/A,		3					



GRINDLAYS

PISTON RINGS

Dieselmotor F 4 L 912 D	3768	D 5206/A, 2002/A, D 4007, D 4507 D 4897, D 5207 DX 50/55/3.20/ 3.30 D 5506, D 6006/A, D 6206/A, D 6806/A, D 7006/A, D 7206/A, 2003/A/S, 2004 D 7007, D 7207 DX 4.10/750 DX 85/90		4					
Dieselmotor F 5 L 912 D	4712			5					
Dieselmotor F 6 L 912 D	5652	D 7506/A, D 8006/A, D 9006/A, D 9009/A, D 10006/A, 2005, DX 6.10/ 110/120		6					
			G-KH-023		1 2 3	100.00 100.00 100.00	2.94 2.03 3.50	CRFKIB CTFIB CHSL-B	SGI GCI GCI
Dieselmotor F3L 913	3064		G-KH-024	3	1	102.00	2.94	CRFKIB	SGI
Dieselmotor F4L 913	4086			4	2 3	102.00 102.00	2.03 3.50	CTFIB CHSL-B	GCI GCI
BF4L 913									
Dieselmotor F6L 913	6128			6					
BF6L 913C									
Dieselmotor BF6L 913	6120			6					
Dieselmotor F 3 L 912 F	3064		G-KH-025	3	1	102.00	2.94	CRFKIB	SGI
Dieselmotor F 4 L 912 F	4086			4	2 3	102.00 102.00	2.55 3.50	CTF CHSL-B	GCI GCI
Dieselmotor	5107			5					



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PISTON RINGS

F 5 L 912 F Dieselmotor F 6 L 912 F	6128			6					
Dieselmotor F 3 L913/MD/H Dieselmotor F 4 L913/MD/H Dieselmotor F 6 L913/MD/H	3060 4086 6128	Traktor D 3.50, D 6007 Traktor DXY 80/3.90,D 7807 DX 3.50/ 3.90/6.30, D 7807, DX 120	G-KH-026	3 4 6	1 2 3	102.00 102.00 102.00	2.94 2.55 5.00	CRFKIB CTFIB CHSL-B	SGI GCI GCI
Dieselmotor BF6L 913 C	6128		G-KH-027	6	1 2 3	102.00 102.00 102.00	2.94 3.00 3.00	CRFK CRFKTF CHSL-B	SGI GCI GCI
Dieselmotor DF 4 L 913/C BF 4 L 913/C Dieselmotor BF 6 L 913/C Dieselmotor BF 4 L 913/C BF 4 L 913/C Dieselmotor BF 6 L 913/C	4086 6128 4086 6129	Traktor DX 4.70, DX 80, Baureihe 90 13006 A, M 30,M 8 FL, M 160,L 81, M 160 M 13 FLM 168 M 8 FLL	G-KH-028	4 6 4 6	1 2 3	102.00 102.00 102.00	2.94 3.00 3.50	CRFKIB CRFK CHSL-B	SGI SGI GCI
Dieselmotor BF4L 913 Dieselmotor BF6L 913 C	4086 6128	DX 4.70, DX 80	G-KH-029	4 6	1 2 3	102.00 102.00 102.00	2.94 3.00 3.50	CRFKIB CTF CHSL-B	SGI GCI GCI
Dieselmotor F 3 L 913 Dieselmotor F 4 L 913 BF 4 L 913 T Dieselmotor F 6 L 913 BF 6 L 913 T	3060 4086 6128	Traktor DX 4.50/86 DX 3.50, DX 3.90, D 7807, DX 120	G-KH-030	3 4 6	1 2 3 4	102.00 102.00 102.00 102.00	3.00 2.50 2.50 5.00	CRFK CRTF CTF CHSL-B	SGI GCI GCI GCI
			G-KH-031		1 2 3 4	102.00 102.00 102.00 102.00	3.00 2.50 2.50 5.00	CRFK CTF CTF CHSL-B	SGI GCI GCI GCI



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PISTON RINGS

Dieselmotor BF6L 913 FC		D 2506, D 7506 D 5206	G-KH-032	6	1 2 3 4	102.00 102.00 102.00 102.00	3.00 3.00 2.50 5.00	CRFK CRFK CTF	SGI SGI GCI
Dieselmotor BF4L 913 Dieselmotor BF6L 913/C	4086 6129		G-KH-033	4 6	1 2 3	102.00 102.00 102.00	3.00 3.00 5.00	CRFK CRFKTF CHSL-B	SGI GCI GCI
Dieselmotor BF4L 913 BF6L 913	4086 6129		G-KH-034	4 6	1 2 3	102.00 102.00 102.00	3.00 3.00 5.00	CRFK CTFIB CHSL-B	SGI GCI GCI
Dieselmotor F3L 913 G Dieselmotor F6L 912 F	1885 2826 3768	Stationä motor Stationary Engine Fork Lift	G-KH-035	2 3 4 6	1 2 3	102.00 102.00 102.00	2.94 2.00 3.50	CRFK CTFIB CHSL-B	SGI GCI GCI
Dieselmotor BF4L913T Dieselmotor BF6L913T	4086 6128	Stationä motor Stationary Engine	G-KH-036	4 6	1 2 3	102.00 102.00 102.00	2.94 2.55 3.00	CRFKIB CTFIB CHSL-B	SGI GCI GCI
Dieselmotor BF4M 1013 Dieselmotor BF6M 1013	4760 7140		G-KH-037	4 6	1 2 3	108.00 108.00 108.00	3.00 2.00 3.50	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor F/A 1 L 514 Dieselmotor F/A 2 L 514 Dieselmotor F/A 3 L 514 Dieselmotor F/A 4 L 514 Dieselmotor F/A 6 L514/614 Dieselmotor F/A 8 L 614 Dieselmotor F/A 12 L 614 Dieselmotor F/A 1 L 514 Dieselmotor	1330 2660 3990 5322 7980 10640 15960		G-KH-038	1 2 3 4 V6 V8 V12 1 2	1 2 3 4 5	110.00 110.00 110.00 110.00 110.00	3.00 3.00 3.00 6.00 6.00	CR CTF N BSOR SOR	GCI GCI GCI GCI GCI



GRINDLAYS

PISTON RINGS

F/A 2 L 514 Dieselmotor F/A 3 L 514 Dieselmotor F/A 4 L 514 Dieselmotor F/A 6 L514/614 Dieselmotor F/A 8 L 614 Dieselmotor F/A 12 L 614				3 4 6 V8 V12					
Dieselmotor F1L 514 F F2L 514 F F3L 514 F F4L 514 F F6L 514 F F6L 312 F6L 814 F8L 312 F8L 814 F10L 312 F10L 814 F12L 312 F12L 814			G-KH-039	1 2 3 4 6 6 6 V8 V8 V10 V10 V12 V12	1 2 3 4	115.00 115.00 115.00 115.00	3.00 3.00 3.00 6.00	CR CTFIB N BPSL	GCI GCI GCI GCI
Dieselmotor F 6L413,AL413 Dieselmotor F 8 L 413 Dieselmotor F 10 L 413 Dieselmotor F 12 L 413 Dieselmotor F 8 L 714 A F 6 L 413 F 8 L 413 F 10 L 413 F 12 L 413	8480 11310 14140 16960	Baureihe 120/170 Baureihe 200, 210, 230, 232 Baureihe 290, 310 120, 170, 200, 210, 230, 232, 290, 310, 340	G-KH-040	V6 V8 V10 V12 V8 V6 V8 V10 V12	1 2 3 4	120.00 120.00 120.00 120.00	3.00 3.00 3.00 6.00	CR CTF NTF CHSL-B	GCI GCI GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor F/A 6 L 714	9500		G-KH-041	V6	1	120.00	3.00	CR	GCI
Dieselmotor F/A 8 L 714	12667			V8	2	120.00	3.00	CTF	GCI
Dieselmotor F/A 10 L 714	15833			V10	3	120.00	3.00	NTF	GCI
Dieselmotor F/A 12 L 714	19000	Saturn 145, Pluto 201, 150 FL, 200 FL 200 K, 200 L, Merkur, Jupiter, Saturn, S 3500, S 3500 Pluto, S 3500 S Merkur, A 5500 A/S7500, D145 150 D 13/14/21 156 D 15/16/22 195, 200 D 26, 210 D 16/18, 150 L 10, 150 R 10, 150 S 11 N, Saturn II		V12	4	120.00	6.00	BPSL	GCI
Dieselmotor BF 12 L 714					5	120.00	6.00	SOR	GCI
Dieselmotor F 4 L 413 R	5880	130 D	G-KH-042	4	1	120.00	3.50	CRFK	SGI
Dieselmotor F 5 L 413 R	7350	130 D		5	2	120.00	3.00	CTF	GCI
Dieselmotor F 6 L 413 R	8820	130 D		V6	3	120.00	3.00	NTF	GCI
Dieselmotor F 6 L 413 L	11760			V8	4	120.00	6.00	CHSL-B	GCI
Dieselmotor F 8 L 413 L	14700			V10					
Dieselmotor F 10 L 413 L	17640	270 D, 310 D, 340 D		V12					
Dieselmotor F 6 L 413 L				V6					
Dieselmotor F 8 L 413 L				V8					



GRINDLAYS

PISTON RINGS

F 10 L 413 L F 12 L 413 L				V10 V12					
Dieselmotor BF 8 L 413 F, BF 8 L 513 C, F 8 L 413 F	12763	Baureihe 190, 250, 260, 290, 320, 360, 2000, 4520, 4530, 4540, 4550, 4620, 8000	G-KH-043	V8	1 2 3	125.00 125.00 125.00	3.00 2.50 4.00	CRFK CTF CHSL-B	SGI/S GCI GCI
Dieselmotor BF 10 L 413 F, BF 10 L 513 C, F 10 L 413 F	15945	Baureihe 190, 320, 360		V10					
Dieselmotor BF 12 L 413 F, BF 12 L 513 C F 12 L 413 F	19140	360 D 45 AS, 3000, 3500, N 4520, N 4530 N 4540, N 4550 N 4620, 8000, FKL, FKM, MFS 42, 360 D 34 AS, 192 M 14 FL, 256 D 16 AK/ FL/K, 256 M 19 FL, 256 M 22 FLL, 256 D 26 AK/U, 260 T 117, 260 L 117, 320 M 16 FSL, 320 D 16 FS, 320 D 19 AK, 320 D 19 FAK, 320 M 19 FLL, 320 D 26 AK, M 2000 R 106/ R 113/R 119,		V12					



GRINDLAYS

PISTON RINGS

Dieselmotor BF 6 L 413 F, BF 6 L 513 C, Dieselmotor F 6 L 413 F/FR BF 6L 413 FRC BF 6 L 513 RC Dieselmotor F 6 L 413 FRW F 4 L 413 R/FR F 5 L 413 F/FR	9572	M 260 TR 117, M 320 D 16 FS, M 320 D FSL Traktor DX 8.30/2304		V6					
				6					
	9600			6					
	6378			4					
	7976			5					
Dieselmotor BF6 L 413 BF8 L 413 BF10 L 413 BF12 L 413	9572 12763 15945 19140		G-KH-044	6 V8 V10 V12	1 2 3	125.00 125.00 125.00	3.00 3.00 4.00	CRFK CRRTFIS CHSL-B	SGI/S GCI GCI
Dieselmotor BF 12 L 513 Dieselmotor BF 6B L 513 BF 8 L 513 BF 10 L 513 BF 6 L 513	19140 9570 12763 15945 9572	330 ANW	G-KH-045	V12 V6 V8 V10 V6	1 2 3	125.00 125.00 125.00	3.50 2.50 4.00	CRFK CTF CHSL-B	SGI/S GCI GCI
			G-KH-046		1 2 3	125.00 125.00 125.00	3.50 2.50 4.00	CRFK CRTFIB CHSL-B	SGI GCI GCI
Dieselmotor BF6 L 513 BF8 L 513 BF10 L 513 BF12 L 513	9570 12763 15945 19140		G-KH-047	6 V8 V10 V12	1 2 3	125.00 125.00 125.00	3.50 3.00 4.00	CRFK CRFK CHSL-B	SGI GCI GCI
Dieselmotor BF L 413 F BF L 513 C	9572 12763 15945	190, 230,	G-KH-048	6 8 10	1 2 3	125.00 125.00 125.00	3.00 2.50 4.00	CRFK CRTFIB CHSL-B	GCI/S GCI GCI



GRINDLAYS

PISTON RINGS

	19140	360 3000, 3500, 8000		12					
Dieselmotor F 6 L 513 F/BF 6 L 513 Dieselmotor F 8 L 513 F/BF 8 L 513 Dieselmotor F 10 L 513 F/BF 10 L 513 Dieselmotor F 12 L 513 F/BF 12 L 513	10038 13384 16730 10038		G-KH-049	V6 V8 V10 V12	1 2 3	128.00 128.00 128.00	3.50 3.00 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor A2M 517 A4M 517 A8M 517 A8M 517			G-KH-050	2 4 6 V8	1 2 3 4 5	130.00 130.00 130.00 130.00 130.00	3.50 3.50 3.50 6.00 6.00	CR CTFIB CTFIB SOR SOR	GCI GCI GCI GCI GCI
Motor BF6M1015 Motor BF8M1015	11910 15870	Top Liner	G-KH-051	6 8	1 2 3	132.00 132.00 132.00	3.50 2.45 4.00	CRFKIS CRTF CHSL-B	SGI GCI GCI
Dieselmotor BF6M1015 Dieselmotor BF8M1015	11910 15870	Top Liner	G-KH-052	6 8	1 2 3	132.00 132.00 132.00	4.00 2.45 4.00	CRFKIS CRTF CHSL-B	SGI GCI GCI
Dieselmotor F4M 716 Dieselmotor F6M 716 BF6M 716 Dieselmotor F8M 716 BF8M 716 Dieselmotor F12M 716 BF12M 716 Dieselmotor BF16M 716	9160 13740 18320 27480 36640		G-KH-053	4 6 V8 V12 V16	1 2 3 4	135.00 135.00 135.00 135.00	4.00 3.00 3.00 6.00	CR CTF CTF BPSL	GCI GCI GCI GCI



PISTON RINGS

Dieselmotor A/BA 6 M 816 A/BA 6 M 816/ U/W/R	15204		G-KH-054	6	1 2 3	142.00 142.00 142.00	4.00 3.00 6.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor A/BA 8 M 816 A/B 8M816C/ CR/U/W/R	20272			V12					
Dieselmotor A/BA 12 M 816 A/BA 12 M 816 C/CR/U/W/R	30408			V16					
Dieselmotor A/BA 16 M 816C/CR/U	40544								



Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B  (Thickness)		
Motor 86	1597	Sephia	G-KI-001	4	1 2 3	78.00 78.00 78.00	1.50 1.50 3.00	CR NTF TPOR	SGI/S GCI S
Dieselmotor R2	2184	Besta	G-KI-002	4	1 2 3	86.00 86.00 86.00	2.00 2.00 4.00	CRIB CTFIS CHSL-B	SGI GCI GCI
Dieselmotor R2	2184	Besta	G-KI-003	4	1 2 3	86.00 86.00 86.00	2.00 2.00 4.00	CR CRRTFIS BPSL	SGI/S GCI S
Dieselmotor	2209	Ceres	G-KI-004	4	1 2	88.90 88.90	3/32" 3/32"	CR CTFIS	SGI GCI
Dieselmotor	2522			4	3	88.90	3/16"	CHSL-B	GCI
Dieselmotor K-2400			G-KI-005	4	1 2 3	92.00 92.00 92.00	3/32" 3/32" 4.00	CR CTF CHSL-B	SGI GCI GCI



GRINDLAYS

PISTON RINGS

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Position	D Ø (dia)	B (Thickness)	Specification / Ring Type	Material
Dieselmotor	2700	Besta	G-KI-006	4	1 2 3	93.00 93.00 93.00	2.00 2.00 3.00	CR N CHSL-B	SGI/S GCI GCI
Dieselmotor SL	3500	K-3500	G-KI-007	4	1 2	100.00 100.00	2.50 2.00	CR CRRTFIS	SGI SGI
Dieselmotor SL	3455			4	3	100.00	4.50	CHSL-B	GCI



LADA

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Motor BA3 2101	1198	BA3 2101, BA3 2102, 1200, Nova Junior	G-LA-001	4	1 2 3	76.00 76.00 76.00	1.50 2.00 5/32"	CR N TPOR	SGI/S GCI S
Motor	1451	BA3 2103, 1500		4					
Motor	1294	BA3 21011, 1300, Nova, Nova C, BA3 2105	G-LA-002	4	1 2 3	79.00 79.00 79.00	1.50 2.00 5/32"	CR N TPOR	SGI/S GCI S
Motor BA3 2106	1568	BA3 2106, BA3 2107, BA3 2121, Niva		4					
Motor	1569	1600, Taiga BA3 2107		4					



GRINDLAYS

PISTON RINGS

Motor	1488	Samar 1.5, Shiguli BA 21083	G-LA-003	4	1 2 3	82.00 82.00 82.00	1.50 2.00 5/32"	CR N TPOR	SGI/S GCI S
Dieselmotor XUD 9 A	1905	Niva	G-la-004	4	1 2 3	83.00 83.00 83.00	2.00 2.00 3.00	CR CTF CHSL-B	SGI/S GCI GCI



LAMBORGHINI

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor FL 230 Dieselmotor FL 345			G-LA-001	2 3	1 2 3 4 5	95.00 95.00 95.00 95.00 95.00	2.50 2.50 2.50 5.00 5.00	CRIB CTF N BPSL SOR	GCI GCI GCI GCI GCI
Dieselmotor 1000.6WT Dieselmotor 1000.3W/WT Dieselmotor 1000.4W			G-LA-002	6 3 4	1 2 3	105.00 105.00 105.00	3.00 2.50 4.00	CR CTF CHSL-B	GCI GCI GCI



GRINDLAYSTECH

PISTON RINGS



LIAZ

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor M 634	11940	706 MT, ST 18 MTS 24, MTP 24, 100.02, 100.24	G-LI-001	6	1	130.00	3.50	CRFK CTFIB CTFIB CHSL-B	SGI GCI GCI GCI
					2	130.00	3.50		
					3	130.00	3.50		
					4	130.00	6.00		
Dieselmotor M 637, M 638, M 640, MS 640	11940	S 100.55, 110.073, S 123.02, S 123.47, Praga 9 P 140, 151	G-LI-002	6	1	130.00	3.50	CRFK CTF CHSL-B	SGI GCI GCI
					2	130.00	3.50		
					3	130.00	5.00		



GRINDLAYS

PISTON RINGS



LIEBHERR

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor D 904.NA+TB Dieselmotor D 906.NA+TB		Stationary Engine	G-LI-001	4	1	115.00	3.00	CRFK CTF CHSL-B	SGI GCI GCI
					2	115.00	2.50		
					3	115.00	4.00		
		Construction Engine		6					



GRINDLAYS

PISTON RINGS



LISTER

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor ST			G-LIS-001	1	1	95.25	1/8"	CRFK	SGI
					2	95.25	3/32"	CTF	GCI
					3	95.25	3/32"	CTF	GCI
					4	95.25	3/16"	CHSL-B	GCI
					5	95.25	3/16"	SOR	GCI
Dieselmotor HR			G-LIS-002	1	1	107.95	5/32"	CRFK	SGI
					2	107.95	1/8"	CTF	GCI
					3	107.95	1/8"	CTF	GCI
					4	107.95	3/16"	CHSL-B	GCI
					5	107.95	3/16"	SOR	GCI



GRIINDTECH

PISTON RINGS



LOMBARDINI

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B  (Thickness)		
Dieselmotor 6 LD 260/L LDA 500			G-LOM-001	1	1	70.00	2.00	CRIB CTF CTF DB-PSL	GCI GCI GCI GCI
					2	70.00	2.00		
					3	70.00	2.00		
					4	70.00	4.00		
Dieselmotor LDW 502	505		G-LOM-002	2	1	72.00	2.00	CR CTF CHSL-B	GCI GCI GCI
Dieselmotor LDW 602	611			2	2	72.00	2.00		
Dieselmotor LDW 903	916			3	3	72.00	3.00		
Dieselmotor LDW 1204	1222			4					
Dieselmotor LGW 523				2					
Dieselmotor LGW 627									
Dieselmotor LDA 520, 522, 523, 525, 527			G-LOM-003	1	1	78.00	2.00	CR CTFIB CTFIB BPSL	SGI/S GCI GCI GCI
					2	78.00	2.00		
					3	78.00	2.00		
					4	78.00	4.00		
Dieselmotor 196 LDA 326 Dieselmotor 15 LD 315	315		G-LOM-004	1	1	78.00	2.00	CR CTFIB CHSL-B	SGI/S GCI GCI
				1	2	78.00	2.00		
				3	78.00	3.00			
Dieselmotor 6 LD 325			G-LOM-005	1	1	78.00	2.00	CR CTFIB BPSL	SGI/S GCI GCI
					2	78.00	2.00		
					3	78.00	4.00		
Dieselmotor LA/LDA 80			G-LOM-006	1	1	80.00	2.00	CR CTF NTF BPSL	SGI/S GCI GCI GCI
					2	80.00	2.00		
					3	80.00	2.00		
					4	80.00	4.00		



GRINDLAYS

PISTON RINGS

Dieselmotor LDA 80, LA 400			G-LOM-007	1	1 2 3	80.00 80.00 80.00	2.00 2.00 4.00	CR CTF BPSL	SGI/S GCI GCI
Dieselmotor T 530, T 532, T 533, LDA 530, 532, 533, 535, 537	359	Industriemotor	G-LOM-008	1	1 2 3 4	82.00 82.00 82.00 82.00	2.00 2.00 2.00 5.00	CRIB CTF CTF BPSL	SGI GCI GCI GCI
Dieselmotor LA 82			G-LOM-009	1	1 2 3	82.00 82.00 82.00	2.00 2.00 4.00	CRIB N DB-SOR	SGI GCI GCI
Dieselmotor 6 LD 360			G-LOM-010	1	1 2 3	82.00 82.00 82.00	2.00 2.00 5.00	CRIB CTF BPSL	SGI GCI GCI
Dieselmotor LDA 450, LDA 455, 3 LD 450 Dieselmotor LDA 510, 513, 3 LD 510	454 510	Industriemotor	G-LOM-011	1 1	1 2 3 4	85.00 85.00 85.00 85.00	2.00 2.00 2.00 4.00	CRIB CTF N DB-PSL	SGI GCI GCI GCI
Dieselmotor 3LD 510.0 3LD 450			G-LOM-012	1	1 2 3	85.00 85.00 85.00	2.00 2.00 4.00	CR CTFIB DB-PSL	GCI GCI GCI
Dieselmotor LA 85			G-LOM-013	1	1 2 3	85.00 85.00 85.00	2.50 2.50 5.00	CR N DB-SOR	SGI GCI GCI
	454		G-LOM-014	1	1 2 3	85.00 85.00 85.00	2.50 2.00 4.00	CRIB CTF BPSL	GCI GCI GCI
Dieselmotor 6 LD 400.1 10 LD 400.2 10 LD 400.3	395		G-LOM-015	1 2 3	1 2 3	86.00 86.00 86.00	2.00 2.00 4.00	CR CTFIB CHSL-B	SGI/S GCI GCI



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PISTON RINGS

Dieselmotor 11 LD 535.3			G-LOM-016	1	1 2 3	88.00 88.00 88.00	2.00 2.00 4.00	CR CTFIB DB-PSL	SGI/S GCI GCI
Dieselmotor LA 490 LA490			G-LOM-017	1 3	1 2 3	88.00 88.00 88.00	2.00 2.00 4.50	CR CTFIB BPSL	SGI/S GCI GCI
Dieselmotor 9 LD 560 2	1120		G-LOM-018	2	1 2 3 4	90.00 90.00 90.00 90.00	2.00 2.00 2.00 4.00	CR CTF CTF DB-PSL	SGI/S GCI GCI GCI
Dieselmotor 9 LD 560.0 9 LD 561.2			G-LOM-019	2	1 2 3	90.00 90.00 90.00	2.00 2.00 4.00	CR CTF DB-PSL	SGI/S GCI GCI
Dieselmotor LDA 710, 713, 715 Dieselmotor LDA 710, 904	1196		G-LOM-020	1 2	1 2 3 4	90.00 90.00 90.00 90.00	2.50 2.50 2.50 5.00	CRIB CTF N BPSL	GCI GCI GCI GCI
Dieselmotor LDA 90 LDA 91			G-LOM-021	1	1 2 3	90.00 90.00 90.00	3.00 3.00 5.00	CRIB CTFIB DB-PSL	GCI GCI GCI
Dieselmotor LDA 720, 723, 725			G-LOM-022	1	1 2 3 4	95.00 95.00 95.00 95.00	2.50 2.50 2.50 5.00	CRIB CTFIB N BPSL	GCI GCI GCI GCI
Dieselmotor LDA 720, 7 LD 665.1 Dieselmotor 7 LD 665.2 9 LD 625.2 Dieselmotor 11 LD 625.3	1248		G-LOM-023	1 2 3	1 2 3	95.00 95.00 95.00	2.50 2.50 5.00	CRIB CTFIB BPSL	GCI GCI GCI
Dieselmotor LDA 670, LDA 96, 4 LD 640 Dieselmotor LDA 672, LD 675 2 Dieselmotor LDA 673, 5 LD 675 3 Dieselmotor	1346 2019 2692		G-LOM-024	1 2 3 4	1 2 3 4	95.00 95.00 95.00 95.00	3.00 3.00 3.00 5.00	CR CTF N BPSL	GCI GCI GCI GCI



GRINDLAYSTECH

PISTON RINGS

LDA 674, 5 LD 675 4									
			G-LOM-025		1 2 3 4	95.00 95.00 95.00 95.00	3.00 3.00 3.00 5.00	CR CTF CTF BPSL	GCI GCI GCI GCI
Dieselmotor LDA 830, 5 LD 825.2 Dieselmotor 5 LD 825.3 Dieselmotor 5 LD 825.4			G-LOM-026	2 3 4	1 2 3	100.00 100.00 100.00	2.50 2.50 3.50	CR CTF CHSL-B	SGI GCI GCI
Dieselmotor T 832,5 LD 825 Dieselmotor T 833,5 LD 825 Dieselmotor T 834,5 LD 825 Dieselmotor LDA 10, 5 LD 105, 4 LD 705	1648 2472 3296 707		G-LOM-027	2 3 4 1	1 2 3 4	100.00 100.00 100.00 100.00	3.00 2.50 2.50 5.00	CR CTF N BPSL	GCI GCI GCI GCI
Dieselmotor LDA 820/825, 4 LD 820	817		G-LOM-028	1	1 2 3 4	102.00 102.00 102.00 102.00	3.00 2.50 2.50 5.00	CR CTF CTF CHSL-B	GCI GCI GCI GCI
Dieselmotor 5 LD 930 5 LD 930.3 Dieselmotor 5 LD 930.4			G-LOM-029	3 4	1 2 3 4	106.00 106.00 106.00 106.00	2.50 2.50 2.50 5.00	CRTFIB CTF CTF CHSL-B	SGI GCI GCI GCI



GRINDLAYS

PISTON RINGS



LOTUS

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B  (Thickness)		
Motor 910, 910 S, 912, 912 S	2174	Esprit, Excel	G-LOT-001	4	1	95.30	1.50	CIB NTF TPOR	GCI GCI GCI
					2	95.30	1.50		
					3	95.30	3.50		



GRIIND TIECHI

PISTON RINGS



M.A.N.

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor D 8613 M	1900	Traktor 2 P 1, 4 P 1	G-MAN-001	3	1	86.00	2.50	CRTF	GCI
Dieselmotor D 8614 M	2560	Traktor 2 N 2 P 1,4 P 1, 2 R 3,2 R 4 4 R 3,4 R 4		4	2	86.00	2.50	CTF	GCI
					3	86.00	2.50	CTF	GCI
					4	86.00	5.00	BPSL	GCI
Dieselmotor D 9532 M 2 BNM/S	1840	Traktor 2 L 1, 2 L	G-MAN-002	2	1	95.00	3.00	CR	GCI
					2	95.00	3.00	C	GCI
					3	95.00	3.00	N	GCI
					4	95.00	5.00	BPSL	GCI
Dieselmotor 599 712.03/04/08	3017	270, 470, 485, 570, 585, 685, 785	G-MAN-003	4	1	98.00	3.00	CRFK	SGI
					2	98.00	2.50	CTFIS	GCI
					3	98.00	2.50	N	GCI
					4	98.00	4.50	CHSL-B	GCI
Dieselmotor 712.03/04/07	3317	270, 470, 485, 570, 585, 685, 785	G-MAN-004	4	1	98.00	3.00	CRFK	SGI
					2	98.00	2.50	CTFIS	GCI
					3	98.00	4.50	CHSL-B	GCI
Dieselmotor D 0022 M 161		Traktor 4 R 2, 4 S 2, 415, 520, 626, 6.90 FK, 8.90 FK, 8.136 FK, 9.136 FK, 10.136 FK	G-MAN-005	2	1	100.00	2.50	CR	SGI
					2	100.00	2.50	CTF	GCI
					3	100.00	2.50	CTF	GCI
					4	100.00	5.00	BPSL	GCI
Dieselmotor D 0024 M 220/221				4					
Dieselmotor D0026M1/2H				6					
Dieselmotor D 0022 M 161		Traktor 4 R 2, 4 S 2, 415,	G-MAN-006	2	1	100.00	2.50	CR	SGI
					2	100.00	2.50	CTF	GCI
					3	100.00	5.00	BPSL	GCI

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PISTON RINGS

Dieselmotor D 0024 M 220/221 Dieselmotor D 0026 M 1/2H		520, 626, 6.90 FK, 8.90 FK, 8.136 FK, 10.136 FK, Omnibus 420 HOC 1/2		4 6					
Dieselmotor 597-02	5278	5.126 F, 6.126 F, 7.126 F, 8.126 F, 9.126 F, 10.126 F	G-MAN-007	6	1 2 3 4	100.00 100.00 100.00 100.00	3.00 2.50 2.50 5.00	CRFK CTF CTF BPSL	SGI GCI GCI GCI
Dieselmotor D 0224 M/MF/ME Dieselmotor D 0226 M/MF/ ME/MFO/MH/ MFM/MFA/ MS	3791 5687	Baureihe 6.90, 8.90 6.90 F/FK, 8.90 F/FK, 8.136 F/FK, 9.136 F/FK, 10.136 F, 11.136, 12.136, 14.136, 17.136	G-MAN-008	4 6	1 2 3	102.00 102.00 102.00	2.50 2.50 4.00	CR CTF CHSL-B	SGI GCI GCI
Dieselmotor D 0216 MXUL			G-MAN-009	6	1 2 3	102.00 102.00 102.00	2.50 2.50 5.00	CR CTF CHSL-B	SGI GCI GCI
Dieselmotor D 0226 MK/ MKF/MC/ML E/MKFA/MK H/MTE/MTK E/MTXE	5687	12.170, 12.192, 14.170, 14.192, 16.170, 17.192	G-MAN-010	6	1 2 3	102.00 102.00 102.00	3.00 2.50 4.00	CRFK NTF CHSL-B	SGI GCI GCI
Dieselmotor 720.05/08	3595	690, 7.90	G-MAN-011	4	1 2 3	102.00 102.00 102.00	3.00 2.50 5.00	CRFK NTF CHSL-B	SGI GCI GCI



GRIINDTIECIH

PISTON RINGS

Dieselmotor D 0824 GF, D 0824 GF 01/02/03 Dieselmotor D 0826 GF/OH/F	4580		G-MAN-012	4	1 2 3	108.00 108.00 108.00	2.50 2.50 4.00	CR CTF CHSL-B	SGI GCI GCI
Dieselmotor D 0826 GF/OH/F	6871	F 90, G 90, M 90, 6.100 FK 310/360/ 340.9.150, FK310/360/ 460		6					
Dieselmotor D 0824 GD 01/02/03 D 0826 GF 04 Euro 1	6870	10.150 F 360/425/46 0/ 510		6					
Dieselmotor D 0836 M/MH/MU/ HM 3 U/HM/ HMN/HMU /HM 2/HM 7 Dieselmotor D 846 HM 2/ HMN 2/HMY 0846, HM 2/HMN 2/HMY, 8.156, 8.160 H/F, 9.156, 9.160,13.16, 15.168, 16.168, 750 HO-SL, SG/SL 192, CR 160, UE 590	7030	LKW- Baureihe 635/735/65 0/ 850	G-MAN-013	6	1 2 3	108.00 108.00 108.00	2.50 2.50 5.00	CR CTF CHSL-B	SGI GCI GCI
	7252	8.156, 8.160 H, 8.160 F, 9.156, 9.160, 13.168, 15.168, 16.168, 750 HO- SL, SG 192,SL 192 CR 160,UE 590		6					
Dieselmotor D 0836 M/HM			G-MAN-014	6	1 2 3 4	108.00 108.00 108.00 108.00	3.00 2.50 2.50 5.00	CRFK CTF N CHSL-B	SGI GCI GCI GCI
Dieselmotor D 0824 Euro 1, D 0824 LFL, 02 Euro 2 Dieselmotor D 0826 LF	4580	8.153F, 8.163, 9.153F, 12.163,9.1 63F,	G-MAN-015	4	1 2 3	108.00 108.00 108.00	3.00 2.50 4.00	CRFK CTF CHSL-B	SGI GCI GCI
	6600	10.153F, 10.163F,		6					



GRINDLAYS

PISTON RINGS

01/ LF 02/LF 04/ LF 06, D 0826, LUH04, LUH213 Dieselmotor D 0826 FG 01/ 002/LFL 03/LF 11/LUH 11, Euro 2/LF 15 EVB, Dieselmotor D 0826 LF/LF 04/LOH/LF 07 D 0826 TF, TOH Dieselmotor D 0826 LE 51/ LE 52/WE 51/ TUE 51/ LUE 51/160	6871	18.232 17.232, 8.224 F		6					
	6590	17.232		6					
	6870	Fendt-S Traktor		6					
Dieselmotor D 1246			G-MAN-016	6	1 2 3	111.00 111.00 111.00	3.50 3.00 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor D 1246		Truck, Military Engine	G-MAN-017	6	1 2 3 4	112.00 112.00 112.00 112.00	2.50 2.50 2.50 5.00	CR CTF N BPSL	SGI GCI GCI GCI
Dieselmotor D 10 UT 150, Euro 2	10350	Ikarus-Bus, IK 280 Raba	G-MAN-018	6	1 2 3	121.00 121.00 121.00	3.50 2.00 3.50	CRFK CRRTFIB CHSL-B	SGI SGI GCI
Dieselmotor D 2156 HMXU-036/- 038, HMU 11	10349	9.192 H, 12.192 H, 22.192 FN/FNL SL 192,SG 192	G-MAN-019	6	1 2 3 4	121.00 121.00 121.00 121.00	3.50 3.00 3.00 5.50	CRFK CTF N CHSL-B	SGI GCI GCI GCI
Dieselmotor D 2156 HM/HMN/MG N/	10343	9.192, 9.216, 10.215, 12.192		6					



PISTON RINGS

MY/MNY/MY N/ HNY/HM2/H M3 HMN 3/HM 9/ HMN 9		12.215, 13.215 13.230, 15.192 15.216, 16.816 16.192, 16.215 21.215, 22.215, SL 192,SG 192 12 UE 192, 10 UE 192, 11 UE 192							
Dieselmotor D 2156 MT/MTN/MT X	10344	13.256 F, 16.256 F, 19.256 F, 22.256 F, 26.256 F, 30.256 F		6					
Dieselmotor D 2146 HM, D 2146 M, D 2146 M II	9659	770 L 1, 780 H, 1070 L 1, 1080 H, 2170 L 1 D, 3100,3500, 4100,4500, 4600,4900, 5200, 10210 TLA, 10210 TL1, 10212 H, 750, 890	G-MAN-020	6	1 2 3 4	121.00 121.00 121.00 121.00	3.50 3.00 3.00 5.50	CR CTF N CHSL-B	SGI GCI GCI GCI
Dieselmotor D 2356 HM 2/ HM 9/HM 10/ HMN 2 HMX	10690	10.230 FL, 12.230 H/FL, 13.230 FL, 16.230 FNS, 190.230 DF, 22.230 F, 30.230 F, SG 192, SUE 230, 11 UE 192, 12 UE 192	G-MAN-021	6	1 2 3 4	123.00 123.00 123.00 123.00	3.50 3.00 3.00 5.50	CRFK CTF N CHSL-B	SGI GCI GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor D 2366			G-MAN-022	6	1 2 3	123.00 123.00 123.00	3.50 3.00 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor D 2538 MT/MTE/MT H Dieselmotor D 2530 MTE/MTXF	12763 15900	16.320, 19320, 26.320, 30.320 16.320, 19.320, 19.360, 22.320, 26.320, 30.320, 32.320, 40.400, Marine- Industriemo tor	G-MAN-023	8 10	1 2 3 4	125.00 125.00 125.00 125.00	3.00 3.00 3.00 5.00	CRFK CTF NTF CHSL-B	SGI/S GCI GCI GCI
Dieselmotor D 2538 M/ME/MF Dieselmotor D 2530 ME/MF/MXF	12756 15945	16.256, 19.256, 26.256, 30.256 16.320, 19.320, 20.320, 22.320, 26.320, 30.320, 32.320, 38.320, DFK-3875, DF-4525, DF-5175	G-MAN-024	8 10	1 2 3	125.00 125.00 125.00	3.00 3.00 5.00	CR CTF CHSL-B	SGI GCI GCI
Dieselmotor D 2555 M/ME, MUH, MF, MX Dieselmotor D 2556 M/MX/ MXF/MXH/ MUH	9199 11100	 12.168, 13.168, 15.168, 13192, 15.192, 15.200, 15.240, 16.168, 16.200, 16.240,	G-MAN-025	5 6	1 2 3	125.00 125.00 125.00	3.00 3.00 5.00	CRFK CTF CHSL-B	SGI/S GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor D 2565 HM/M/ME/M F/ MRF/MR/MU E/ MUH/MUL	9510	19.168, 19.200, 19.240, 22.240, 26.240, 30.240, SD 200,SL 200 SUE 200, SR 240, SUE 240 11.168, 13.168, 13.192, 14.168, 14.192, 15.168, 16.192, 16.168, 16.192, 22.192		5					
Dieselmotor D 2566 HM/M/ME/M H/ MXF/MF/MU L/ MUE/MUH/ MFO/MFOR/ MRF/MUM	11407	15.240, 16.240, 19.240, 22.240, 26.240, 30.240, SG 192,SL 200 SD 200SG 220 SUE 240, SR 240, SUE 240		6					
Dieselmotor G 2566 UH/UM	11412	Bus- Industriemo tor		6					
			G-MAN-026		1 2 3	125.00 125.00 125.00	3.00 3.00 5.00	CRFK NTF CHSL-B	SGI/S GCI GCI
Dieselmotor D 2548 MT/MTF	13940		G-MAN-027	V8	1 2	125.00 125.00	3.50 3.00	CRFK CTF	SGI/S GCI
Dieselmotor D 2540 MT/F/MTE	17426			V10	3 4	125.00 125.00	3.00 5.00	NTF CHSL-B	GCI GCI
Dieselmotor D 2542 MLE D 2542 MTE	20190	Marinemot or, Schienen- Fahrzeuge		V12					



GRINDLAYS

PISTON RINGS

Dieselmotor D 2565 MT/ MK/MKUL	9510		G-MAN-028	5	1 2 3	125.00 125.00 125.00	3.50 3.00 5.00	CRFK NTF CHSL-B	SGI GCI GCI
Dieselmotor D 2566 MT/MTE/ML E/ MTF/MTH/M TU /MTF/MTUM/ MTUE/MK/ MUF/MKUL/ MTUH/LUM/ MKF/MKUH/ KUL/MLUH/ MTHO	11407	19281 F/FL/FK/ FS/FAS/FA K/U/UL, 19280 F/FL/FT/FK /FS/FAS/M LUH/ MTHO/FAK /DF /DFK/HK/H AK, 19321, 22280 FNL, 22281 FNL, 22321 UNL, 26280 DF/DFK/ DFS/DFAS, 26281 DHAK/ DHK, 26321 DF/DFS/DF K/ DFAS/DFA K, 30280 VF, 32280 DHAK, 32281 DF/DFS/ DFK/DFAK/ DFAS/DHK / DHAK, 32321 DF/DFS/ DFK/DFAS/ DFAK, SR 240, SR 260,SR 280 Bus 297/298		6					
Dieselmotor D 2566 UH/BUH	11413	SG 220, SG240 240 M 10, 240 M 12							



PISTON RINGS

[illegible]



GRINDLAYSTECH

PISTON RINGS

LUH, LXF, D 2866 TOH, D 2866 F/FG/FR/OH/ UH/UM		24.362, 26.281, 26.291, 26.331, 26.361, 32.331, 32.361, 33.361, 34.291, 34.331, 280, 290, 292, 322, 332, 362, 363, 200, 202, 240, 242, Bus 19.343 FLT							
Dieselmotor D 2865 LF 09/21 Euro 2	9975			5					
Dieselmotor D 2866 LF 14/16/20/ Euro 2	11970	F 2000		6					
Dieselmotor D 2848 LXE/LYE	14620			V8					
Dieselmotor D 2840 LXE/LYE D 2840 LE/T, LE 2A D 2840 T, D 2840 LF, LXF, LE, D 2840 LF, Dieselmotor D 2842 LXE/ LYE D 2842 T, LE 20, LE 21, LF, LXE, MLE, D 2848 LZE, D 2840 LZE, D 2842 LZE Dieselmotor D 2848 LE/T Dieselmotor D 2840 LF 06 Euro 1	18270	Industriemo tor 19.462		V10					
	21930	Marine- Industriemo tor		V12					
	14618	Industriemo tor		V8					
	18263			V10					



GRIINDTECH

PISTON RINGS

Dieselmotor D 2848 M/MH/TF	14618		G-MAN-031	V8	1 2 3	128.00 128.00 128.00	3.50 3.00 5.50	CRFK NTF CHSL-B	SGI GCI GCI
Dieselmotor D 2840 MF/MFR/MH/ ME	18270	26.365, 32.365, 40.365		V10					
Dieselmotor D 2842 ME	21930	Marine – Industriemo tor		V12					
Dieselmotor D 2480 LF 20 Euro 2	18273	19.603, 26.603 NFL	G-MAN-032	V10	1 2 3	128.00 128.00 128.00	4.00 3.00 4.00	CRFK NTF CHSL-B	SGI GCI GCI



MWM

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor AKD 10 Z	1005		G-MWM-001	2	1	80.00	2.50	CTF	GCI
Dieselmotor AKD 10 D	1507			3	2	80.00	2.50	CTF	GCI
Dieselmotor AKD 10 V	2006			4	3	80.00	2.50	CTF	GCI
					4	80.00	5.00	DB-SOR	GCI
Dieselmotor KD 11 E	550		G-MWM-002	1	1	85.00	2.50	CRTF	GCI
Dieselmotor RL 11 E	625			1	2	85.00	2.50	CIB	GCI
Dieselmotor KD 11 Z	1100			2	3	85.00	2.50	CIB	GCI
Dieselmotor KD 211 Z	1250			3	4	85.00	5.00	DB-SOR	GCI
					5	85.00	5.00	DB-SOR	GCI
Dieselmotor D 987, LKS, LKS-R	567	Industrie- -motor	G-MWM-003	1	1	85.00	3.00	CRIB	GCI
					2	85.00	3.00	N	GCI
					3	85.00	5.00	DB-PCL	GCI



GRIINDTIECIH

PISTON RINGS

Dieselmotor KD 10.5 D	2000		G-MWM-004	3	1	90.00	2.50	CRIB	GCI
KD 110.5 D					2	90.00	2.50	CTF	GCI
Dieselmotor KD 110.5 Z	1340			2	3	90.00	2.50	N	GCI
Dieselmotor KD 110.5 V	2670			4	4	90.00	5.00	BPSL	GCI
Dieselmotor KD 110.5 S	4010			6					
Dieselmotor D 225, D 325 925 L	1700		G-MWM-005	2	1	95.00	3.00	CRHK	GCI
Dieselmotor D 225, D 325,	2550			3	2	95.00	3.00	C	GCI
D 925 L3					3	95.00	3.00	N	GCI
Dieselmotor D 225, D 325, 925 L	3400			4	4	95.00	5.00	BPSL	GCI
Dieselmotor D 225, D 325,	5100			6					
925 L									
Dieselmotor D 208 2, D 308 2, D 302	1490			2					
Dieselmotor D 208 3, D 308 3, D 303	2235			3					
Dieselmotor D 208 4, D 308 4, D 202	3080			4					
Dieselmotor D 206 6, D 308 6, D 202	4470			6					
Dieselmotor D 301	745			1					
Dieselmotor KD 12 E	880		G-MWM-006	1	1	95.00	3.00	CR	GCI
Dieselmotor KD 12 Z	1700			2	2	95.00	3.00	C	GCI
Dieselmotor KD 12 D	2550			3	3	95.00	3.00	N	GCI
Dieselmotor KD 12 V	3400			4	4	95.00	5.00	BPSL	GCI
					5	95.00	5.00	SOR	GCI



GRINDLAYS INDIA

PISTON RINGS

Dieselmotor AKD 12/112, 321-2	1810		G-MWM-007	2	1	98.00	3.00	CTF	GCI
					2	98.00	3.00	CTF	GCI
Dieselmotor AKD 12/1112, 321-3	2720			3	3	98.00	3.00	CTF	GCI
					4	98.00	5.00	SOR	GCI
					5	98.00	5.00	SOR	GCI
Dieselmotor AKD 12/112, 321-4	3620			4					
Dieselmotor D 324-2, D 227-2	1885	Traktor Renault	G-MWM-008	2	1	100.00	3.00	CRFK	SGI
					2	100.00	2.00	CTF	GCI
Dieselmotor D 327, D 227-3	2827			3	3	100.00	2.00	NTF	GCI
		Traktor Renault			4	100.00	4.00	CHSL-B	GCI
Dieselmotor D 327, D 227-4	3370			4					
		Traktor Renault		6					
Dieselmotor D 327, D 227-6	5655			2					
Dieselmotor D 303	1650	Traktor Renault		3					
Dieselmotor D 203	2475								
Dieselmotor D 893			G-MWM-009	1	1	102.00	3.00	CRFK	SGI
					2	102.00	2.50	CTF	GCI
Dieselmotor D 229	2940			3	3	102.00	4.00	CHSL-B	GCI
Dieselmotor D 229, TD 229	3920			4					
	5880			6					
Dieselmotor D 229, TD 229									
Dieselmotor 4.10TCA 6.10			G-MWM-010	4	1	103.00	3.00	CRFK	SGI
				6	2	103.00	2.50	CTF	GCI
					3	103.00	4.00	CHSL-B	GCI
Dieselmotor D 226-2, Dieselmotor D 226-3	2080		G-MWM-011	2	1	105.00	3.00	CRFK	SGI
					2	105.00	2.00	CTF	GCI
	3120			3	3	105.00	2.00	N	GCI
					4	105.00	4.00	CHSL-B	GCI



GRINDLAYS

PISTON RINGS

Dieselmotor D 226-4, TD 226, TD 228	4160			4					
Dieselmotor D 226-6, TD 226, TD 228	6240	Traktor, Industrie- -motor		6					
Dieselmotor D 226 B/2	2080		G-MWM-012	2	1	105.00	3.00	CRFK	SGI
Dieselmotor D 226 B/3, TD 226-B/3	3120	Fendt Traktoren		3	2 3	105.00 105.00	2.00 4.00	CTF CHSL-B	GCI GCI
Dieselmotor D 226 B-4, TD 226-4, TD 226-B/4	4160	Traktor 851/- 4 Fendt Traktoren		4					
Dieselmotor D 226 B/6, TD 226-6, TD 226-B/6	6240	Traktor 951 Fendt Traktoren		6					
Dieselmotor TD 232-S TD 232-A Dieselmotor TD 232-12 TBD 232-12			G-MWM-013	V6 V8 V12	1 2 3 4	120.00 120.00 120.00 120.00	3.00 3.00 3.00 5.00	CRHK CTF NTF CHSL-B	SGI GCI GCI GCI
Dieselmotor TD 232-S	8820		G-MWM-014	V6	1 2	120.00 120.00	3.50 3.00	CRFK CTF	SGI GCI
Dieselmotor TD 232-A	11760			V8	3 4	120.00 120.00	3.00 5.00	NTF CHSL-B	GCI GCI
Dieselmotor TD 232-12 TBD 232-12	17640			V12					
Dieselmotor D/TD/TBC 233 S	9570		G-MWM-015	6	1 2 3	125.00 125.00 125.00	3.50 3.00 3.00	CRFK CTF NTF	SGI GCI GCI
Dieselmotor D/TD/TBD 233 A	12760			V8	4	125.00	5.00	CHSL-B	GCI
Dieselmotor D/TD/TBD 233-12	19140			V12					



GRINDLAYS

PISTON RINGS

Dieselmotor TBD 234	10804		G-MWM-016	6	1	128.00	3.50	CRFK	SGI
Dieselmotor TBD 234	14405			8	2	128.00	3.00	CTF	GCI
Dieselmotor TBD 234	21607			12	3	128.00	4.00	CHSL-B	GCI
Dieselmotor TBD 234	28800			16					
Dieselmotor TBG 616 V8 K	17500	Stationär- -motor	G-MWM-017	8	1	132.00	4.00	CRFK	GCI
Dieselmotor TBG 616 V12 K	26300	Stationary Engine		12	2	132.00	3.00	CRTF	GCI
Dieselmotor TBG 616 V16 K	35000			16	3	132.00	3.50	CHSL-B	GCI
Dieselmotor RHS 418/518 Z	5540		G-MWM-018	2	1	140.00	3.50	CR	GCI
Dieselmotor RHS 418/518 D	8310			3	2	140.00	3.50	CIB	GCI
Dieselmotor RHS 418/518 V	11080			4	3	140.00	3.50	CIB	GCI
TRHS 518 V Dieselmotor RHS 418/518 S	16620			6	4	140.00	6.00	DB-SOR	GCI
TRHS 518 S Dieselmotor RHS 418/518 A	22160			8	5	140.00	6.00	DB-SOR	GCI
TRHS 518 A Dieselmotor RHS 518 V 12	33240			12					
TRHS V 12 Dieselmotor RHS 518 V 16	44300			16					
TRHS 518 V 16									



GRINDLAYS

PISTON RINGS



PERKINS

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor 4.108	1760		G-PER-001	4	1	79.37	5/64"	CIB	GCI
					2	79.37	1/16"	CIB	GCI
					3	79.37	1/16"	CIB	GCI
					4	79.37	1/8"	N	GCI
					5	79.37	3/16"	BSOR	GCI
			G-PER-002		1	79.37	5/64"	CRIB	GCI
					2	79.37	1/16"	CIB	GCI
					3	79.37	1/16"	CIB	GCI
					4	79.37	1/8"	N	GCI
					5	79.37	3/16"	CHSL-B	GCI
Dieselmotor 4.107	1760		G-PER-003	4	1	79.37	5/64"	CRIB	GCI
					2	79.37	1/16"	CIB	GCI
					3	79.37	1/16"	CIB	GCI
					4	79.37	3/16"	SOR	GCI
					5	79.37	3/16"	SOR	GCI



GRINDLAYS

PISTON RINGS

			G-PER-004		1 2 3 4 5	79.37 79.37 79.37 79.37 79.37	5/64" 1/16" 1/16" 3/16" 3/16"	CRIB CIB CIB CHSL-B SOR	GCI GCI GCI GCI GCI
Dieselmotor 4.20 T/C 4.20 N/A	1993	Rover, Montego, Industriemotor Rover Marstro, Sherpa Van, Austin	G-PER-005	4	1 2 3	84.45 84.45 84.45	2.00 1.75 3.00	CR NTF CHSL-B	SGI/S GCI GCI
Dieselmotor P 3.144 Dieselmotor P4.192, PA, PB Dieselmotor P 6.288,PF,PG	2365 3150 4730	 Python, Puma, Panther	G-PER-006	3 4 6	1 2 3 4 5	88.90 88.90 88.90 88.90 88.90	3/32" 3/32" 1/8" 1/4" 1/4"	CRIB CTF N BPSL SOR	GCI GCI GCI GCI GCI
Dieselmotor D/AD 3.152	2500		G-PER-007	3	1 2 3 4	91.48 91.48 91.48 91.48	3/32" 3/32" 3/32" 3/16"	CRIB CTF CTF CHSL-B	GCI GCI GCI GCI
Dieselmotor 3.152 Dieselmotor 4.203 Dieselmotor 6.305	2500 3300 5000		G-PER-008	3 4 6	1 2 3 4 5	91.48 91.48 91.48 91.48 91.48	3/32" 3/32" 3/32" 1/4" 1/4"	CRIB CTF CTF BPSL SOR	GCI GCI GCI GCI GCI
Dieselmotor 3.152, P 3.152 D 3.152 Dieselmotor 4.203, P 4.203 D 4.203 Dieselmotor 6.305, P 6.305	2500 3300 5000		G-PER-009	3 4 6	1 2 3 4 5	91.48 91.48 91.48 91.48 91.48	3/32" 3/32" 1/8" 1/4" 1/4"	CTF CTF C BSOR SOR	GCI GCI GCI GCI GCI
			G-PER-010		1 2 3 4 5	91.48 91.48 91.48 91.48 91.48	3/32" 3/32" 1/8" 1/4" 1/4"	CR CTF N CHSL-B SOR	GCI GCI GCI GCI GCI



GRINDLAY

PISTON RINGS

Motor 3.152	2500	Stationary Engine	G-PER-011	3	1	91.48	2.38	CR	GCI
Motor 4.203	3300	Tractor Engine		4	2	91.48	2.38	CTF	GCI
					3	91.48	2.38	CTF	GCI
					4	91.48	6.35	CHSL-B	GCI
Dieselmotor D/AD 3.152	2500		G-PER-012	3	1	91.48	3/32"	CRIB	GCI
					2	91.48	3/32"	CTF	GCI
					3	91.48	3/16"	CHSL-B	GCI
Dieselmotor T 3.152.4	2503		G-PER-013	4	1	91.48	3.00	CRFK	SGI
					2	91.48	3/32"	CTF	GCI
					3	91.48	3.50	CHSL-B	GCI
Dieselmotor 4.165	2710	CJ, Volkswagen LT 28 D, LT 31 D, LT 35 D	G-PER—014	4	1	92.00	2.00	CRIB	SGI/S
					2	92.00	2.50	NTF	GCI
					3	92.00	4.00	CHSL-B	GCI
Dieselmotor AD 4.236, D 39 C	3864	Volvo	G-PER-015	4	1	98.48	3/32"	CRIB	GCI
Dieselmotor 4.212	3475			4	2	98.48	3/32"	CIB	GCI
					3	98.48	3/32"	CIB	GCI
				4	4	98.48	1/4"	CHSL-B	GCI
Dieselmotor AD 4.236, D 39 C	3864	Volvo	G-PER-016	4	1	98.48	3/32"	CIB	GCI
Dieselmotor 6.354/V	5800			6	2	98.48	3/32"	CIB	GCI
					3	98.48	3/32"	CIB	GCI
					4	98.48	1/4"	BSOR	GCI
					5	98.48	1/4"	SOR	GCI
			G-PER-017		1	98.48	3/32"	CRIB	GCI
					2	98.48	3/32"	CIB	GCI
					3	98.48	3/32"	CIB	GCI
					4	98.48	1/4"	CHSL-B	GCI
					5	98.48	1/4"	SOR	GCI
			G-PER-018		1	98.48	3/32"	CRIB	GCI
					2	98.48	3/32"	CIB	GCI
					3	98.48	3/32"	CIB	GCI
					4	98.48	1/4"	BSOR	GCI
					5	98.48	1/4"	SOR	GCI
Dieselmotor AD 4.236, D 39 C	3864	Volvo	G-PER-019	4	1	98.48	3/32"	CRIB	GCI
Dieselmotor 6.354, 6.354.4	5794	Traktor 2620		6	2	98.48	3/32"	CIB	GCI
					3	98.48	3/16"	BPSL	GCI
Dieselmotor 6.354.2, 6.354.4	5794		G-PER-020	6	1	98.48	1/8"	CR	GCI
					2	98.48	3/32"	CIB	GCI
					3	98.48	3/32"	CIB	GCI
					4	98.48	1/4"	CHSL-B	GCI



GRINDLAYSTECH

PISTON RINGS

					5	98.48	1/4"	SOR	GCI
Dieselmotor T 4.236, T 4.38	3864		G-PER-021	4	1 2 3	98.48 98.48 98.48	1/8" 3/32" 3/16"	CRFK CIB CHSL-B	SGI GCI GCI
Dieselmotor 4.40	3990	Phaser 90,	G-PER-022	4	1	100.00	2.50	CR	SGI
Dieselmotor 6.60	5985	1004-4		6	2 3	100.00 100.00	2.50 4.00	CTF CHSL-B	GCI GCI
Dieselmotor T 4.40 Euro 2	4000	Truck	G-PER-023	4	1	100.00	3.50	CRFK	SGI
Dieselmotor T 6.60 Euro 2	6000			6	2 3	100.00 100.00	2.50 3.50	NTF CHSL-B	GCI GCI
Dieselmotor 1004-4T/TW	4000	Phaser 110T, 120Ti, 160Ti, 180Ti	G-PER-024	4	1	100.00	3.00	CRFK	SGI
Dieselmotor 1006-6T/TW	6000			6	2 3	100.00 100.00	2.50 4.00	CTF CHSL-B	GCI GCI
Dieselmotor T4.40		Policeman	G-PER-025	4	1	100.00	3.50	CRFK	SGI
Dieselmotor T6.60				6	2 3	100.00 100.00	2.50 4.00	N CHSL-B	GCI GCI
Dieselmotor 4.248	4064		G-PER-026	4	1	101.05	3/32"	CR	GCI
					2	101.05	3/32"	CTF	GCI
					3	101.05	3/32"	CTF	GCI
					4	101.05	3/16"	CHSL-B	GCI
Dieselmotor 4.248	4064		G-PER-027	4	1	101.05	3/32"	CR	GCI
Dieselmotor 6.372	6100			6	2 3 4	101.05 101.05 101.05	3/32" 3/32" 3/32"	CTF CTF CHSL-B	GCI GCI GCI
Dieselmotor 4.248	4064		G-PER-028	4	1	101.05	2.50	CR	SGI
Dieselmotor 4.248.2	4067			4	2 3	101.05 101.05	2.50 5.00	NTF CHSL-B	GCI GCI
Dieselmotor P4000 Aspirated, Turbo			G-PER-029	4	1	101.05	3.00	CRFK	SGI
					2	101.05	2.50	CTFIB	GCI
					3	101.05	4.00	CHSL-B	GCI
Dieselmotor V 8.510 NA 180	8360		G-PER-030	V8	1	107.95	3/32"	CR	SGI
					2	107.95	3/32"	CTFIB	GCI
					3	107.95	3/32"	CTFIB	GCI



GRINDLAYS INDIA

PISTON RINGS

					4	107.95	1/4"	CHSL-B	GCI
Dieselmotor TV 8.540 M TV 8.540	8830	Marinemotor	G-PER-031	V8	1 2 3	107.95 107.95 107.95	3.00 3/32" 3.50	CRFK CTFIB CHSL-B	SGI GCI GCI
Dieselmotor 4.256			G-PER-032	4	1 2 3 4	111.76 111.76 111.76 111.76	3/32" 3/32" 3/32" 3/16"	CR CIB N CHSL-B	GCI GCI GCI GCI
Dieselmotor 4.318			G-PER-033	4	1 2 3 4	114.30 114.30 114.30 114.30	3/32" 3/32" 3/32" 3/16"	CRIB CTFIB CTFIB CHSL-B	SGI GCI GCI GCI



PETTER

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor PH 1+2	659		G-PET-001	1	1	87.31	3/32"	CRIS	GCI
Dieselmotor PJ 1W+2W	1318			3	2	87.31	3/32"	CTF	GCI
					3	87.31	3/32"	CTF	GCI
					4	87.31	3/16"	BSOR	GCI



GRINDLAYSTECH

PISTON RINGS



PEUGEOT

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Motor TU 9	954	205 106	G-PEU-001	4	1 2 3	70.00 70.00 70.00	1.50 1.50 3.00	CRIB CTF TPOR	SGI/S GCI S
Motor XV 3, XV 5, XV 8	954	104, 204, 205	G-PEU-002	4	1 2 3	70.00 70.00 70.00	2.00 2.00 4.00	CRIB NTF DB-PSL	GCI GCI GCI
Motor TU 1 M/Z TU 1 K	1124	205, 309, 106, 306 1.1, Partner	G-PEU-003	4	1 2 3	72.00 72.00 72.00	1.50 2.00 3.00	CRIB N TPOR	SGI/S GCI S
Motor XW 3, XW 3 S, XW 7	1124	104, 205	G-PEU-004	4	1 2 3	72.00 72.00 72.00	1.50 2.00 4.00	CRIB CTF TPOR	SGI/S GCI S



GRINDLAYSTECH

PISTON RINGS

Motor E1A Motor M-24, 1-F1	1100 1204	309	G-PEU-005	4	1 2 3	74.00 74.00 74.00	1.75 2.00 4.00	CRIB CTF TPOR	SGI/S GCI S
Dieselmotor XLD, XL4D	1255	204 1.3 Diesel	G-PEU-006	4	1 2 3	75.00 75.00 75.00	1.50 1.50 4.00	CRIB CTF BPSL	SGI/S GCI S
Motor TU 3 A, K2D	1361	205, XR, GR, SR, C3, 309, Vital, GRX, CATA, GR 106, XS, XY 306, XN, XR, XA, XRA 306 1.4, Partner	G-PEU-007	4	1 2 3	75.00 75.00 75.00	1.75 2.00 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor XZ 5	1218	104	G-PEU-008	4	1 2	75.00 75.00	1.75 2.00	CRIB CTF	SGI/S GCI
Motor XY 6 B, XY 7, XY 8	1361	104, 205		4 3	3	75.00	4.00	TPOR	S
Dieselmotor TUD 3	1361	106, XS, XY, 205, XR, GR, SR, C3, 306, XN, XR, XA, XRA, 306 1.4, 309, Vital, GRX, CATA, GR 405	G-PEU-009	4	1 2 3	75.00 75.00 75.00	2.25 1.75 3.00	CR CTF PSL	SGI/S GCI GCI
Motor XL 3, XL 3 S	1288	304	G-PEU-010	4	1 2 3	76.00 76.00 76.00	1.75 2.00 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor G 1 A	1294	309	G-PEU-011	4	1 2 3	76.70 76.70 76.70	1.75 2.00 4.00	CRIB N BPSL	SGI/S GCI GCI
Dieselmotor TUD 5, ATMO	1527	106	G-PEU-012	4	1 2 3	77.00 77.00 77.00	2.00 1.75 3.00	CR CTFIB CHSL-B	SGI/S GCI GCI
Dieselmotor XL 4 D	1357	204 D	G-PEU-013	4	1 2 3	78.00 78.00 78.00	1.75 2.00 3.00	CRIB CTF CHSL-B	SGI/S GCI GCI



GRINDLAYS

PISTON RINGS

Motor XL 5, XL 5 S Motor XR 5, XR 5 S	1290 1472	304, 305 305	G-PEU-014	6 6	1 2 3	78.00 78.00 78.00	1.75 2.00 4.00	CRIB CTF BPSL	SGI/S GCI GCI
Motor TU5 JP	1587	306, 405	G-PEU-015	4	1 2 3	78.50 78.50 78.50	1.50 1.50 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor TU 5 JP	1587	106, 206, 307, Partner, all types 110, Saxo, C3, Xsara, Berlingo all 16 V	G-PEU-016	4	1 2 3	78.50 78.50 78.50	1.20 1.50 2.50	CR NTF TPOR	SGI/S GCI GCI
Dieselmotor XID80	1584	304 GLD, 305 GRD	G-PEU-017	4	1 2 3	80.00 80.00 80.00	1.75 2.00 3.00	CRIB CTF CHSL-B	SGI/S GCI GCI
Dieselmotor XUD 7, 161 A	1769	205, 309	G-PEU-018	4	1 2 3	80.00 80.00 80.00	2.00 2.00 3.00	CR CRTFIS CHSL-B	SGI/S GCI GCI
Dieselmotor TUD3	1360	106 XTD	G-PEU-019	4	1 2 3	80.00 80.00 80.00	2.25 1.75 3.00	CR CTF CHSL	SGI/S GCI GCI
Dieselmotor ABB, XUD 7 TE	1769	205, 309, 405	G-PEU-020	4	1 2 3	80.00 80.00 80.00	3.00 2.00 3.00	CRFK CRTFIS CHSL-B	SGI/S GCI GCI
Dieselmotor DW 8/B	1868	Berlingo, Dispatch, Jumpy, Xsara, C 15 Expert, Partner, 206, 306, all 1.9 D	G-PEU-021	4	1 2 3	82.20 82.20 82.20	2.00 2.00 3.00	CR NTF CHSL-B	SGI/S GCI GCI
Motor XU 9 J 4, XU 9 JA, XU 9 2 C, XU 9 JA, XU 9 2 C, XU 9 2 C, XU 9 JAZ, XU 9 M, XU 9 J1, XU 9 J 2,	1905	309, 405 Mi, 405, 205, 405 (CH), 305	G-PEU-022	4	1 2 3	83.00 83.00 83.00	1.50 1.50 3.00	CRIB NTF TPOR	SGI/S GCI S



GRINDLAYS

PISTON RINGS

XU 9 S Motor XU 5 JPZ, XU 5 J/JA, XU 5 J, XU 5 M Motor XU 7 JPK XU 7 JPZ	1580	306, 405, 406, 205, 309		4					
	1762	306 (Export), 306, 405, 406, 806, Expert, Partner 306, 406		4					
Motor XU 7 JP 4	1761			4					
Motor XU 5 S, 171 C, XB, XU 52 C, Motor 1905 cm3	1580	305,	G-PEU-023	4	1 2 3	83.00 83.00 83.00	1.75 1.75 4.00	CRIB NTF TPOR	SGI/S GCI S
	1905	405 (A,CH,SWE)		4					
Dieselmotor XUD 9, XUD 9 A	1905	205, 305, 306, 309, 405, J5 406, Boxcer, Partner	G-PEU-024	4	1 2 3	83.00 83.00 83.00	2.00 2.00 3.00	CR CTF CHSL-B	SGI/S GCI GCI
			G-PEU-025		1 2 3	83.00 83.00 83.00	2.00 2.00 3.00	CR CTF BPSL	SGI/S GCI S
Dieselmotor XUD 9 TE/TF	1905	405, 306, 309, 406, Expert, 806, Boxer	G-PEU-026	4	1 2 3	83.00 83.00 83.00	3.00 2.00 3.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor XUD 9 TE/TF	1905	405, 306, 309, 406, Expert, 806, Boxer	G-PEU-027	4	1 2 3	83.00 83.00 83.00	3.50 2.00 3.00	CRFK CTF CHSL-B	SGI GCI GCI
Motor KF 6, XM, XM 7, XM 7 P	1796	504, J 7 8	G-PEU-028	4	1 2 3	84.00 84.00 84.00	1.50 2.00 4.00	CRIB N TPOR	SGI/S GCI S
Motor XC 5A, XC 5 P, XC 7, XC 6	1618	404, J 7-1800, 404 (USA), J 7, 77 E, J9, 504	G-PEU-029	4	1 2 3	84.00 84.00 84.00	2.00 2.00 4.50	CRIB N TPOR	SGI/S GCI S
Dieselmotor XUD 11 ATE, XUD 11 BTE, XUD 11 ATE/L	2088	605 TD, 605, Evasion, 806, 406	G-PEU-030	4	1 2 3	85.00 85.00 85.00	3.00 2.00 3.00	CRFK CTF CHSL-B	SGI GCI GCI



GRIINDTECH

PISTON RINGS

Dieselmotor DW10BTED W4	1997	Expert HDi, 406 HDi	G-PEU-031	4	1 2 3	85.00 85.00 85.00	3.50 2.00 3.00	CRFK CTFIB CHSL-B	SGI GCI GCI
Dieselmotor DW10CTED DW12TED4 DW10ATED3 RHZ	2224	607 HDi, C 5, C 8, Xsara, Jumper, Xantia, Evasion, Ulysee, Scudo		4					
Motor EW 10J4- RFN	1997	Evasion, XSARA, C5, 206, 307, 406, 807	G-PEU-032	4	1 2 3	85.00 85.00 85.00	1.20 1.50 2.50	CIB NTF TPOR	SGI/S GCI GCI
Motor XU 10 J 4 RS	1998	306 2.0 16V S16, 806 2.0 16V SR	G-PEU-033	4	1 2 3	86.00 86.00 86.00	1.50 1.50 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor XU 10 2 C, XU 10 J2Z, FJ2/MZ, XU 10 J 2, XU 10 J 4, ACAV, XU 10 J 4 TE, XU 10 J 4 RZ	1998	605, 405, 806, Boxer, 306 XSi, 405 SRI/STI/ BREAK, 605 SRI, 806 SRI/ SVI, Expert, 306, S16, 405 MI 16, 405 T 16 T 16x4	G-PEU-034	4	1 2 3	86.00 86.00 86.00	1.50 1.75 3.00	CRIB NTF TPOR	SGI/S GCI S
Dieselmotor XUD 11 A	2138	605 D	G-PEU-035	4	1 2 3	86.00 86.00 86.00	2.50 2.00 3.00	CRIB CTF CHSL-B	SGI GCI GCI
Motor 159 A 3.000	1581	Expert	G-PEU-036	4	1 2 3	86.40 86.40 86.40	1.50 1.75 3.00	CRIB CTF TPOR	SGI/S GCI S
Motor ES9J4S	2946	406 2.9 I 24V 607	G-PEU-037	6	1 2 3	87.00 87.00 87.00	1.50 1.50 3.00	CRIB CTF TPOR	SGI/S GCI GCI
Motor XN 1 T, XN 1, XN 2 Motor ZM/112, ZNJ	1971 2664	J 5, J 9, 504, 505 504, 604	G-PEU-038	4 V6	1 2 3	88.00 88.00 88.00	1.50 2.00 4.00	CRIB CTF TPOR	SGI/S GCI S



GRINDLAYS

PISTON RINGS

Motor ZEJ 829.90	1995	505	G-PEU-039	4	1	88.00	1.75	CRIB	SGI/S
Motor ZDJL, ZDJK, J 7 T 980/892	2165	505		4	2 3	88.00 88.00	2.00 4.00	CTFIB TPOR	GCI S
Dieselmotor XD/XDP/TM D 4.88	1948	404 D, U 6 D, U 8 D, U 10 D, 504 D, J 7 D	G-PEU-040	4	1 2 3	88.00 88.00 88.00	2.00 2.00 2.00	CR CTF NTF	SGI/S GCI GCI
Dieselmotor XDP 6.88	2919			4	4	88.00	4.50	BPSL	GCI
Dieselmotor XDP 4.90	2112	504, J 7, J 9	G-PEU-041	4	1	90.00	2.00	CR	SGI/S
Dieselmotor XDP 6.90	3168	504 D, J 7 D		6	2 3 4	90.00 90.00 90.00	2.00 2.00 4.50	CTF N BPSL	GCI GCI GCI
Motor ZNJK, ZN 3 J	2849	604, 505 V6	G-PEU-042	6	1 2 3	91.00 91.00 91.00	1.50 2.00 4.00	CRIB CTFIB CHSL-B	SGI/S GCI GCI
Motor	2200	505 ti	G-PEU-043	4	1 2 3	91.70 91.70 91.70	1.50 1.50 3.50	CRIB CTF TPOR	SGI/S GCI S
Dieselmotor DK 5 ATE, DJ 5 T	2446	Boxer, 806, 605	G-PEU-044	4	1 2 3	92.00 92.00 92.00	3.00 1.75 3.50	CRFK NTF CHSL-B	SGI GCI GCI
Dieselmotor DJ5	2446	Boxcer 2.5D	G-PEU-045	4	1 2 3	92.00 92.00 92.00	2.25 2.00 3.00	CR NTF CHSL-B	SGI GCI GCI
Dieselmotor DJ5T	2446	Boxer 2.5TD	G-PEU-046	4	1 2 3	92.00 92.00 92.00	3.50 2.00 3.00	CRFK NTF CHSL-B	SGI GCI GCI
Dieselmotor DJ5TED	2446	Boxer 2.5TD	G-PEU-047	4	1 2 3	92.00 92.00 92.00	3.50 2.00 3.50	CRFK NTF CHSL-B	SGI GCI GCI
Motor ZPJ, ZPJ4	2963	605 SV	G-PEU-048	6	1 2 3	93.00 93.00 93.00	1.50 1.75 3.50	CRIB NTF TPOR	SGI/S GCI S
Motor U25/651	2500	J5D, Van	G-PEU-049	4	1 2 3	93.00 93.00 93.00	2.00 2.00 4.00	CR CTF CHSL-B	SGI/S GCI GCI



GRIIND TIECIH

PISTON RINGS

Dieselmotor U 25/651/661	2499	J 5 D	G-PEU-050	4	1 2 3	93.00 93.00 93.00	2.50 2.00 4.00	CR CTF CHSL-B	GCI GCI GCI
Dieselmotor U25/673	2499	J5 1300 TD	G-PEU-051	4	1 2 3	93.00 93.00 93.00	3.00 2.00 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor XD 2, XD 94 Dieselmotor XD 3 P	2304 2498	504, 505, J 9 505, J 9	G-PEU-052	4 4	1 2 3	94.00 94.00 94.00	2.00 2.00 4.00	CR N CHSL-B	SGI/S GCI GCI
Dieselmotor XD 2 S Dieselmotor XD 3 T, TE, XD 3 TE	2304 2498	505, 604, Tagora, 505 (USA) 505, 604, 505 DT	G-PEU-053	4 4	1 2 3	94.00 94.00 94.00	3.00 2.00 4.00	CRKF CTF CHSL-B	SGI GCI GCI



PEYKAN

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Motor	1592	Peykan Saloon, GT, Super Minx 1600, Mark II	G-PEY-001	4	1 2 3	81.54 81.54 81.54	5/64" 5/64" 5/32"	CRIB N TPOR	SGI GCI S



GRINDLAYSTECH

PISTON RINGS



ROVER

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Motor EJ, EN	1335	Triumph, Acclaim	G-ROV-001	4	1	72.00	1.50	CR CTF TPOR	SGI GCI S
					2	72.00	1.50		
					3	72.00	4.00		
Motor 11K, 14K Motor 1/1995	1120 1396	114, 214, 414, Metro	G-ROV-002	4	1	75.00	1.20	CR CTF TPOR	SGI/S GCI GCI
					2	75.00	1.50		
					3	75.00	3.00		
Motor 11K, 14K Motor 1/1995	1120 1396	111i, 114i, Metro	G-ROV-003	4	1	75.00	1.00	C NTF TPOR	SGI/S GCI GCI
					2	75.00	1.20		
					3	75.00	2.00		
Motor 18 K-Serie Motor	1589 1997	216i, 446i 218-220	G-ROV-004	4 6	1	80.00	1.00	CIB NTF TPOR	SGI/S GCI GCI
					2	80.00	1.20		
					3	80.00	2.00		



GRINDLAYS

PISTON RINGS

1/1995	2497	45+75		6					
Motor PE 146 Motor PE 166	2350 2597	2300/S 2600 S/SE	G-ROV-005	6 6	1 2 3	81.00 81.00 81.00	1.75 1.75 5/32"	CRIB NTF TPOR	SGI/S GCI S
Dieselmotor XUD 9 A	1905	218, 418	G-PRO-006	4	1 2 3	83.00 83.00 83.00	2.00 2.00 3.00	CR CTF CHSL-B	SGI/S GCI GCI
Motor M 16 TC	1994	800, 820	G-ROV-007	4	1 2 3	84.45 84.45 84.45	1.75 1.75 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor M 16 E/M 16 i Motor 1994 cm3	1996 1994	820 E/SE, 820 i/Si 2000	G-ROV-008	4 4	1 2 3	84.45 84.45 84.45	2.00 1.75 3.00	CR NTF CHSL-B	SGI/S GCI GCI
Dieselmotor	1994	620 TDi	G-ROV-009	4	1 2 3	84.45 84.45 84.45	3.00 2.00 3.00	CRFKIB NTF CHSL-B	SGI GCI GCI
Motor M 16 TC	1994	800+820	G-ROV-010	4	1 2 3	84.45 84.45 84.45	1.75 1.50 3.00	CRIB NTF CHSL-B	SGI/S GCI GCI
Motor 820 T Series 16 V	1994	820i, 820Li, Fastback	G-ROV-011	4	1 2 3	84.45 84.45 84.45	1.20 1.50 3.00	CIB NTF CHSL-B	SGI/S GCI GCI
		826 Si, Sport	G-ROV-012	6	1 2 3	87.00 87.00 87.00	1.20 1.50 4.00	CIB CTF TPOR	SGI/S GCI GCI
Dieselmotor HR 492 HI Dieselmotor HR 492 HAT	2392 2393	2400 SD Turbo 2400 SD Turbo	G-ROV-013	4 4	1 2 3	92.00 92.00 92.00	2.50 2.00 4.00	CRFK NTF CHSL-B	SGI/S GCI GCI
Motor HSE	4600	Landrover	G-ROV-014	8	1 2 3	94.00 94.00 94.00	1.20 1.50 3.00	CIB NTF CHSL-B	SGI/S GCI GCI



GRINDLAYS

PISTON RINGS



RUGGERINI

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor RF/RD 80			G-RUG-001	1	1	80.00	2.50	CR	GCI
Dieselmotor RD 180				2	2	80.00	2.50	CTFIB	GCI
					3	80.00	4.00	DB-PSL	GCI
Dieselmotor RD 200			G-RUG-002	2	1	85.00	2.00	CR	GCI
					2	85.00	2.00	CTFIB	GCI
					3	85.00	4.00	DB-PSL	GCI
Dieselmotor RD/RF/RM 90,		Acme ADN 54	G-RUG-003	1	1	90.00	2.00	CR	SGI/S
RD/RM/RW1 20					2	90.00	2.00	CTFIB	GCI
RDM 901					3	90.00	4.00	DB-PSL	GCI
Dieselmotor RD 210,				2					
RD/RW 220									
RDM 902									



GRINDLAYS

PISTON RINGS

Dieselmotor RD 900			G-RUG-004	1	1	90.00	2.50	CRIB	GCI
Dieselmotor RD 901				2	2	90.00	2.50	CTF	GCI
					3	90.00	2.50	N	GCI
					4	90.00	5.00	BPSL	GCI
Dieselmotor RD 920			G-RUG-005	1	1	92.00	2.50	CR	GCI
Dieselmotor RD920				2	2	92.00	2.50	CTF	GCI
					3	92.00	2.50	CTF	GCI
					4	92.00	5.00	CHSL-B	GCI
Dieselmotor RD 951			G-RUG-006	1	1	95.00	2.50	CRIB	GCI
Dieselmotor RD 952				2	2	95.00	2.50	CTFIB	GCI
					3	95.00	2.50	CTFIB	GCI
					4	95.00	4.00	BPSL	GCI
					5	95.00	4.00	SOR	GCI
Dieselmotor RD 270			G-RUG-007	2	1	95.00	2.50	CRIB	GCI
					2	95.00	2.50	CTFIB	GCI
					3	95.00	2.50	CTFIB	GCI
					4	95.00	5.50	BPSL	GCI
Dieselmotor CRD/RD 100			G-RUG-008	1	1	100.00	2.50	CR	SGI
RD 170					2	100.00	2.50	CTF	GCI
Dieselmotor CRD 100/2				2	3	100.00	2.50	CTF	GCI
RP 320					4	100.00	5.00	BPSL	GCI



GRINDLAYS

PISTON RINGS



RVI

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor 4.108	1760	LE 25	G-RVI-001	4	1	79.37	5/64"	CIB	GCI
					2	79.37	1/16"	CIB	GCI
					3	79.37	1/16"	CIB	GCI
					4	79.37	1/8"	N	GCI
					5	79.37	3/16"	BSOR	GCI
Motor 671	2141	SG 2 E/4 N/4 L SB 2 F	G-RVI-002	4	1	88.00	2.00	CR	SGI/S
					2	88.00	2.00	CTF	GCI
					3	88.00	4.50	BPSL	GCI
Dieselmotor 817.01-04	2600		G-RVI-003	4	1	93.00	2.00	CR	SGI/S
					2	93.00	2.00	CTF	GCI
					3	93.00	4.50	BPSL	GCI
Dieselmotor 712.01-04, 712.08, 599 LE 01	3017		G-RVI-004	4	1	98.00	3.00	CRFK	SGI
					2	98.00	2.50	CTFIS	GCI
					3	98.00	2.50	N	GCI
					4	98.00	4.50	CHSL-B	GCI



GRINDLAYS

PISTON RINGS

Dieselmotor 712- 01..04/08 712-03/04	3319	SG 4, SG 5, SM 5, D 5 T, SG 2 MB 35, SG 2 MB 38, SM 5, SG 4 DN /DL/DXL/DM, SG 2 D 3800, SG 2 DM 3800, SG 2 D 3500, SG 2 DM 3500, Super Goelette, Super Galion	G-RVI-005	4	1	98.00	3.00	CRFK	SGI
					2	98.00	2.50	CTFIS	GCI
					3	98.00	4.50	CHSL-B	GCI
Dieselmotor 592	2263		G-RVI-006	3	1	98.00	3.00	CR	GCI
Dieselmotor 591	3017			4	2	98.00	3.00	CTF	GCI
					3	98.00	3.00	CTF	GCI
					4	98.00	4.50	CHSL-B	GCI
Dieselmotor AD 4.236	3865	380 K, 560- C, -K, -L, -N, -EL, LE 35, Stradair 05/10	G-RVI-007	4	1	98.48	3/32"	CRIB	GCI
					2	98.48	3/32"	CIB	GCI
					3	98.48	3/32"	CIB	GCI
					4	98.48	1/4"	CHSL-B	GCI
Dieselmotor 6.354	5784	GL 750 M, 560 K-N, -L, -EL, -UL, 610 K-N,	G-RVI-008	6	1	98.48	3/32"	CRIB	GCI
					2	98.48	3/32"	CIB	GCI
					3	98.48	3/32"	CIB	GCI
					4	98.48	1/4"	CHSL-B	GCI
					5	98.48	1/4"	SOR	GCI
Dieselmotor 800	6910	Crusair 2AV800, 3AV800, PR100	G-RVI-009	V8	1	100.00	2.50	CR	SGI
					2	100.00	2.50	CTF	GCI
					3	100.00	2.50	CTF	GCI
					4	100.00	5.00	BPSL	GCI
Dieselmotor 597	5278	SM 7-F 3000, F 3500, F 4000 F 4500, SM 8-F 3000	G-RVI-010	6	1	100.00	3.00	CRFK	SGI
					2	100.00	2.50	CTF	GCI
					3	100.00	2.50	CTF	GCI
					4	100.00	5.00	BPSL	GCI
Dieselmotor 798	5419	SM 8-TU, JP 13 T, JR 1, JN 75, 13 BUL, JP 11, 130,	G-RVI-011	6	1	102.00	3.00	CRFK	SGI
					2	102.00	2.50	CTF	GCI
					3	102.00	2.50	CTF	GCI
					4	102.00	5.00	CHSL-B	GCI



GRINDLAYSTECH

PISTON RINGS

		150,95130							
Dieselmotor 720.01..03/08 /12 Dieselmotor 797, U5M62, D0216MXU	3593 5489	SG 5, SG 5 C, SM 5, JK 60/65/75/90B SM 7, SM 8, SM 8-13, SM 8-TM, SM 8-TY, E 7 CSC 28, SC 29, JN 75, JN 90, JP 11, JP 13	G-RVI-012	4 6	1 2 3	102.00 102.00 102.00	3.00 2.50 5.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor MIDR 602.026 D, 06.02.26D	6177	G 230, M 230	G-RVI-013	6	1 2 3	102.00 102.00 102.00	3.50 2.50 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor 8.510	8360	PR100PA	G-RVI-014	V8	1 2 3 4	107.95 107.95 107.95 107.95	3/32" 3/32" 3/32" 1/4"	CR CTFIB CTFIB CHSL-B	SGI GCI GCI GCI
Dieselmotor D 0836 M/MH/ MU/HM 3U/HM /HMN/HMU/ HM 2/ HM 7	7030	S 45 GT,S 53M S 105 M,SC 10 SM 10, SM 12, SM 170, JM 170 C, SM 170 L, JM 170 N, JM 170 NA, JM 170 XL, S 105 M, Sciou	G-RVI-015	6	1 2 3	108.00 108.00 108.00	2.50 2.50 5.00	CR CTF CHSL-B	SGI GCI GCI
Dieselmotor D 0846 HM 2/HMN 2	7252	SM 10, SM 12, SM 21, SM 170 SM 180 H, E 7 N, E 7 L, S 45 GT, S 53 M,S 105M Sciou		6					



GRINDLAYS

PISTON RINGS

Dieselmotor MID 620.30	8822	GB 190, GF, GLR, GR191, TB, PR10100	G-RVI-016	6	1 2 3	120.00 120.00 120.00	3.00 3.00 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor MID 620.30	8822	GB 190, GF, GLR, GR191, TB, PR10100	G-RVI-017	6	1 2 3	120.00 120.00 120.00	3.00 3.00 4.00	CRFK CRTFIB CHSL-B	SGI GCI GCI
Dieselmotor MIDS 620.30	8820	GB 231, GC 231, GF 231, GLR 230, TB 231, PR 10, PR 12, PR 14, 950 KB 6 S, 950 KTB 6 S, G 210.19, G 230.19	G-RVI-018	6	1 2 3 4	120.00 120.00 120.00 120.00	3.25 3.00 3.00 4.00	CRFK CTF NTF CHSL-B	SGI GCI GCI GCI
Dieselmotor M 420, MDXM, MDX 16 M, 24 M, 26 M, 44 M, 44 M 3, 46 M, 48 M	6328	GBK 6, GLC 6 M, 6 M 2 PLB 6 SM, PBH 6, TBK 6, GDK 75, TBK 6, 6 B, RR & S, GL 6 M 2, GLC 6 M 3, 6 RM 3, 8 M 3, 8 RM 3, GLR 8 M 3, 8 RM 3, L 62 M, 3, RM 3, GBK 6 PBK 6, L 64, 6 M 3	G-RVI-019	4	1 2 3 4	120.00 120.00 120.00 120.00	3.25 3.00 3.00 6.00	CRFK CTF NTF CHSL-B	SGI GCI GCI GCI
Dieselmotor M 520, MDUMK, MDU 24 M, 25 M, 44 M, 45 M, 44 M 3, 46 M 3, MDZ 23 Dieselmotor M 620 P, T,	7917	GLR 8 M, GLC 8 M, GBC 8 M, TLC 8 M, GLR 160, CGK 160, TAK 160/180, TCK 8 A, TAK8, L 64 GLM 10,		5					
	9500			6					



GRINDLAYS

PISTON RINGS

2.23 Dieselmotor M 420.30 B 2 X	5881	GLR 10, TLM 10, TLR 10, GPRU 10, GR 200, TR 200 GR 205, GCK 200, PHN 10, PHL 10 Stradair 20 T, TA, 30 T, TA, 40, 50, GAK 55 65, 70/600, GAK 70, TAK 70, 20 K, 30 K, 770 K, 771 K, 680 KB, 880 K, KB, 881 KB, GBK 80, GL 900		4					
Dieselmotor MIP 620.30 MID/MIP 620.30	8822	HB 15, HB 17, HB 19, HB 26, GB/GC/GF/ GLR 190, Traktor TB 191- 950, KB6- HBT, HB 26, PR 100	G-RVI-020	6	1 2 3	120.00 120.00 120.00	3.25 3.00 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor MIDR 620.30 MIDS 620.30	8820	PR 14 GL, PR 14 S LG, C 210, G 210, G 230		6					
Dieselmotor MIDR/MIDS 620.45	9839	C 260.26, C 260.19 T, C 279 T, G 260 G 280, C 260.19 T, C 279 T, G 260, G 280		6					



GRINDLAYS

PISTON RINGS

			G-RVI-021		1 2 3	120.00 120.00 120.00	3.25 3.00 4.00	CRFK CRTFIB CHSL-B	SGI GCI GCI
Dieselmotor MIDR/MIDS 620.45	9839	C 260.26, C 260.19 T, C 279 T, G 260G 280 PR 100,PR	G-RVI-022	6	1 2 3	120.00 120.00 120.00	3.50 3.00 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor MIDR/MIPS 620.45 MIDR/MIPR 620.45	9834	180C 260, G 260,R 312, PR 100.2/ 180.2, PER 180.2, G 260.6, G 260.15, T/G/C260.16, B/G 260.17, T/G/C260.19, G 260.24, G/C 260.26, G 300 Major, FR 1, PR180, C/G 290, G 320R 330 Megabus, FR 1.T3, FR 1.GT, PR 180.2Megabus C 260.19, C 260.19 T, C 290.26, FR 1.E1,FR 1.T1,320CV 340,CV, 290.23 T, R 330.17, R 330.19, R 330.19 T, R 330.24, G 290.15 T, G 290.19, G 290.19 T, G 290.21 T, G 290.24, G 290.26, G 320.19, G 320.19 T, G 320.21 T, G 320.23 T, G 320.24,	6						



GRINDLAYSTECH

PISTON RINGS

		G 320.26							
Dieselmotor 2146 HM 2146 M	9660	JM 240, JM 240 T, JM 240 TPE, JM 240 V, SM 10 S, SM 12 S, SM 190, JM 200, JM 200 TPE, JM 200 V	G-RVI-023	6	1 2 3 4	121.00 121.00 121.00 121.00	3.50 3.00 3.00 5.50	CRFK CTF N CHSL-B	SGI GCI GCI GCI
Dieselmotor D 2156 HM 6 DK/HMN/ HMUS	10343	E 7.110, E 7.125, SM 200, SM 240, SM 240 HT, SM 21.240, SM 32.240, JM 200.0, JM 240.2	G-RVI-024	6	1 2 3 4	121.00 121.00 121.00 121.00	3.50 3.00 3.00 5.50	CRFK CTF N CHSL-B	SGI GCI GCI GCI
Dieselmotor D 2156 MTN 5	10350	SH 280 TU, SH 36.280 TU, SH 380.280 TU SM 260/280		6					
Dieselmotor D 2356 HM 6 DK, HMN 5	10350	SM 260, SM 260 HT, SM 260 MT. 260 V, E 7	G-RVI-025	6	1 2 3 4	123.00 123.00 123.00 123.00	3.50 3.00 3.00 5.50	CRFK CTF N CHSL-B	SGI GCI GCI GCI
Dieselmotor D 2555 M Dieselmotor D 2556 MXF		15.168, 19.168, 19.240, 26.240, 32.240, EPG 176, EPG 216, EPG 246, EPG 288	G-RVI-026	5 6	1 2 3	125.00 125.00 125.00	3.00 3.00 5.00	CRFK CTF CHSL-B	SGI/S GCI GCI
Dieselmotor D 2858 M	15450	SM 300, SM 340, 19.304 DFA,	G-RVI-027	V8	1 2 3	128.00 128.00 128.00	3.50 3.00 3.00	CRFK CTF NTF	SGI GCI GCI



GRIINDTECH

PISTON RINGS

		22.304 DFAT			4	128.00	5.50	CHSL-B	GCI
Dieselmotor MIVS 835.30	14886	GR350, GRH, TR, TRH	G-RVI-028	V8	1 2 3 4	135.00 135.00 135.00 135.00	3.50 3.00 3.00 4.00	CRFK CTF NTF CHSL-B	SGI GCI GCI GCI
Dieselmotor MS 635 T, MDS 635.40	12000	Traktor TR 280, TLR 280 M 3, GR 280-N,-L, -EL,GBH 280-N GR 305, GRH 305, TRH 305,310	G-RVI-029	6	1 2 3 4	135.00 135.00 135.00 135.00	3.50 3.00 3.00 6.00	CRFK CTF NTF CHSL-B	SGI GCI GCI GCI
Dieselmotor MIVS 835.30- 20137,-2015	14886	R 360, R 360 T GR 350,TR 350 R 370 R 310 T	G-RVI-030	V8	1 2 3	135.00 135.00 135.00	3.50 3.00 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor MIDR 635.40 C	11941			6					
Dieselmotor MIDR 635.40	12024	Baureihe 305/ 310, PX 30		6					
Dieselmotor MIVR 835.30	14880	R 390, R 420		V8					
Dieselmotor MDS/MIDS 635.40	12024	GBH 280, CBH 280	G-RVI-031	6	1 2 3	135.00 135.00 135.00	3.50 3.00 6.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor MIDR 635.40 G/H 2, MIDR 0635.40 L 1, MIDR 0635.40 J 1, MIDR 0635.40 N 3 Euro 1, MIDR 0635.40 J 3 Euro 1, MIDR 0635.40 M 3 Euro 1	12024	R 340, R350, R 365, R380, AE 380, AE 385 R385, AE 420, R 420, AE 385, Major R 385, CLM 385, GBH 385, CBH 385, CLM 320, GBH 320, CBH 320,	G-RVI-032	6	1 2 3	135.00 135.00 135.00	4.00 3.00 4.00	CRFK CTF CHSL-B	SGI GCI GCI



GRINDLAYS

PISTON RINGS

		CLM 320							
			G-RVI-033		1 2 3	135.00 135.00 135.00	4.00 3.00 4.00	CRFK CTF CHSL-B	SGI GCI GCI



SAAB

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Motor 4V	2500	900	G-SAA-001	6	1 2 3	81.60 81.60 81.60	1.50 1.50 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor 1.7 ltr	1709	99	G-SAA-002	4	1 2 3	83.50 83.50 83.50	1.75 2.00 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor X 30 XE	2962	9000 CD, 9-5 3.0 V6t SE	G-SAA-003	V6	1 2 3	86.00 86.00 86.00	1.50 1.50 3.00	CRIB CTF TPOR	SGI/S GCI S
Motor	1854	99	G-SAA-004	4	1 2 3	87.00 87.00 87.00	1.75 2.00 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor	1847	99 LE	G-SAA-005	4	1 2 3	87.00 87.00 87.00	2.00 2.50 4.00	CR NTF TPOR	SGI/S GCI S



GRINDLAYS

PISTON RINGS

Motor B 205 E	1984	9000	G-SAA-006	4	1	90.00	1.50	CRIB	SGI/S
Motor B 235 E	2290	9000		4	2	90.00	1.50	NTF	GCI
					3	90.00	2.50	TPOR	S
Motor B 234, B 234 L, B 234 I, B 234 E/R/L	2290	9000, 9000 Turbo, 9000 CS Turbo	G-SAA-007	4	1	90.00	1.75	CRIB	SGI
Motor B 204, B 206	1985	9000		4	2	90.00	2.00	N	GCI
					3	90.00	3.00	TPOR	S
Motor BZ 20, B 201, B 20, B 202 T, B 202 L	1985	99, 900, 900 (USA), 90, 9000 Turbo	G-SAA-008	4	1	90.00	1.75	CRIB	SGI
Motor B 202-16V	1984	16 900, 9000		4	2	90.00	2.00	N	GCI
					3	90.00	4.00	TPOR	S
Motor B 212	2119	900	G-SAA-009	4	1	93.00	1.75	CR	SGI
					2	93.00	2.00	N	GCI
					3	93.00	3.00	TPOR	S



GRINDLAYS

PISTON RINGS



SAME

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor 953		Traktor Delfino, Minitauro	G-SAM-001	2	1	95.00	2.50	CRIB	GCI
Dieselmotor 953				3	2	95.00	2.50	CTFIB	GCI
					3	95.00	2.50	CTFIB	GCI
					4	95.00	5.50	BPSL	GCI
Dieselmotor 952		Traktor, Sametto, Atlanta 45, Centauro	G-SAM-002	2	1	95.00	2.50	CRIB	GCI
					2	95.00	2.50	CTFIB	GCI
					3	95.00	2.50	CTFIB	GCI
Dieselmotor 954				4	4	95.00	5.50	BPSL	GCI
					5	95.00	5.50	BSOR	GCI
Dieselmotor 984	3619	Traktor Sirenetta, Delfino 35, Aurora 45, Corsaro 70, Drago, Falcon, Vigneron, Panther, Panther 90, Tiger Six 105,	G-SAM-003	4	1	98.00	2.50	CRIB	GCI
					2	98.00	2.50	CTFIS	GCI
					3	98.00	2.50	N	GCI
					4	98.00	5.50	BPSL	GCI



GRINDLAYS

PISTON RINGS

Dieselmotor 985	4524	Corsaro 70 SY,		5					
Dieselmotor 982		Same 047,		2					
Dieselmotor 983		Condor 55 SY		3					
Dieselmotor 986 L				6					
Dieselmotor		Traktor,	G-SAM-004	2	1	100.00	2.50	CR	SGI
		Panther			2	100.00	2.50	CTF	GCI
		Tiger Six,			3	100.00	2.50	N	GCI
		Condor,			4	100.00	5.50	CHSL-B	GCI
		Corsara							
Dieselmotor				3					
Dieselmotor				4					
Dieselmotor				5					
Dieselmotor				6					
Dieselmotor		Italia 35	G-SAM-005	2	1	100.00	2.50	CR	SGI
Dieselmotor		Italia 70		4	2	100.00	2.50	CTF	GCI
					3	100.00	2.50	N	GCI
					4	100.00	5.00	BPSL	GCI
					5	100.00	5.00	SOR	GCI
Dieselmotor X1M, 916 A			G-SAM-006	3	1	103.00	3.00	CR	GCI
Dieselmotor X1M, 916 A				4	2	103.00	3.00	CTF	GCI
					3	103.00	4.00	CHSL-B	GCI
Dieselmotor 1053 P	3116	Taurus 60 E/C,	G-SAM-007	3	1	105.00	2.50	CRIB	SGI
		Vigneron 60,			2	105.00	2.50	CTF	GCI
		Minotaurus 60/F			3	105.00	2.50	N	GCI
					4	105.00	5.00	CHSL-B	GCI
Dieselmotor 1054 P	4156	Centurion 75 S/E, Mercury 85 S/E,		4					
		Leopard C,							
		Saturno							
Dieselmotor 1055 P	5195	Jaguar 100 E,		5					
Dieselmotor 1056 P	6234	Drago 120,		6					
		Trident 130 E,							
		Laser 130,							
		Buffalo 130							



GRINDLAYS

PISTON RINGS

Dieselmotor 105.3	3166	Taurus, Jaguar, Buffalo, Leopard	G-SAM-008	3	1 2 3 4	105.00 105.00 105.00 105.00	2.50 2.50 2.50 5.00	CRIB CTF N CHSL-B SOR	SGI GCI GCI GCI GCI
Dieselmotor 105.4	4156			4	5	105.00	5.00		
Dieselmotor 105.6	6234			6					
Dieselmotor 105.4 PT	4156	Leopard, Buffalo	G-SAM-009	4	1 2	105.00 105.00	2.50 2.50	CRIB N	SGI GCI
Dieselmotor 105.6 PT	6234			6	3	105.00	5.00	CHSL-B	GCI
Dieselmotor 1000.3 AT		Traktor Gamma-Media	G-SAM-010	3	1 2 3	105.00 105.00 105.00	3.00 2.50 4.00	CR CTF CHSL-B	GCI GCI GCI
Dieselmotor 1000.4 AT				4					
Dieselmotor 1000.6 AT				6					
Dieselmotor 1000.3 WT/AT/W/A			G-SAM-011	3	1 2 3	105.00 105.00 105.00	3.00 2.50 4.00	CR CRIB CHSL-B	GCI SGI GCI
Dieselmotor 1000.4 WT/AT/W/A				4					
Dieselmotor 1000.6 WT/AT/A				6					
Dieselmotor 12, 18		Traktor DA 12, 18	G-SAM-012	1	1 2	110.00 110.00	3.00 3.00	CR CTF	GCI GCI
Dieselmotor 25, 30		Traktor DA 25, 30		2	3 4	110.00 110.00	3.00 6.00	N SOR	GCI GCI
Dieselmotor 38, 47		Traktor DA 38, 47		3	5	110.00	6.00	SOR	GCI
Dieselmotor 55, 67		Traktor DA 55, 67		4					
Dieselmotor H 496, H 5116			G-SAM-013	4	1 2 3	110.00 110.00 110.00	3.00 3.00 6.00	CR CTF CHSL-B	GCI GCI GCI
Dieselmotor H 6136				6					



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PISTON RINGS



SCANIA

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor D 8, DS 8	7800	L 80, LB 80, L 81, LB 81, G 82, P 82, T 82, L 85, LB 85, L 86, LB 86	G-SCA-001	6	1 2 3 4	115.00 115.00 115.00 115.00	3/32" 3/32" 3/32" 3/16"	CR CTF CTF CHSL-B	SGI GCI GCI GCI
Dieselmotor DSJ 8	7786			6					
Dieselmotor DN 8 01, D 8 05/06, DS 8 01, DSJ 8 01	7800	L 80, LB 80, L 81, LB 81, G 82 M/MD, P 82 H, M, T 82 H/M, L/LB 85, L/LB/LS/B/BF /BR 86, L/LB 80 S, L/LB 81 S, G 82 M, P 82 H/HB/M/MA, T 82 H/M, L/LB 85 S, L/LB 86 S, 82	G-SCA-002	6	1 2 3	115.00 115.00 115.00	3/32" 3/32" 3/16"	CR CTF CHSL-B	SGI GCI GCI

GRINDLAYS ENGINE PARTS PVT. LTD.

An ISO 9001:2008 Organisation

Website : www.grindlaysindia.com

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GRINDLAYS

PISTON RINGS

Dieselmotor DN 9 01	8724	Baureihe 92		6					
Dieselmotor DS 8	7800	L/LB 80, L/LB 81, L/LB 85, L/LB 86	G-SCA-003	6	1 2 3 4	115.00 115.00 115.00 115.00	3.00 3.00 3.00 6.00	CR CTFIB CTFIB CHSL-B	SGI GCI GCI GCI
Dieselmotor D 5	4720		G-SCA-004	4	1 2	115.00 115.00	3.00 3.00	CR CTFIB	GCI GCI
Dieselmotor D 7	7170	L/LS 55, 42 L, L 5546, L 5550 L		6	3 4 5	115.00 115.00 115.00	3.00 6.00 6.00	CTFIB BSOR BSOR	GCI GCI GCI GCI
Dieselmotor DS 9.01, DSC 9.01/02	8724	82, 92, D/P/RT 92	G-SCA-005	6	1 2 3	115.00 115.00 115.00	1/8" 3/32" 3/16"	CRFKIS CTF CHSL-B	SGI GCI GCI
Dieselmotor DS 9.05/06/08 DS 9.05/06/08	8471	Baureihe 93, DSC 9.02/07/08/0 9 DSC 9.40/41/ 42/44		6					
Dieselmotor DS 9 05, 9 06, 9 08 Dieselmotor DSC 902-944	8471 8724	82, 92, 93	G-SCA-006	6 6	1 2 3	115.00 115.00 115.00	3.16 2.38 3.50	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor D 11, DS 11	11000	L 110, LS 110, LB 110, L 140, LB 140, LBS 140	G-SCA-007	6 V8	1 2 3 4	127.00 127.00 127.00 127.00	3/32" 3/32" 3/32" 3/16"	CR CTFIS CTFIS CHSL-B	SGI GCI GCI GCI
Dieselmotor D 14, DS 14	14200								
Dieselmotor D 11, DS 11	11000	L/B/CF/CR 76 L76, L/LS/LB/ LBS 110, L/LB/ LBS/LBT/LS/ LT 110 S	G-SCA-008	6	1 2 3 4	127.00 127.00 127.00 127.00	3/32" 3/32" 3/32" 1/4"	CR CTFIS CTFIS CHSL-B	SGI GCI GCI GCI
Dieselmotor DS 11.01/02/ 14/15/18, L05, D 11, DN 11.01	11000	L/LS/LB/LBS 110 S, L/LB/LS/LT/ LBS/LBT 111 S	G-SCA-009	6	1 2 3	127.00 127.00 127.00	3/32" 3/32" 3/16"	CR CTFIS CHSL-B	SGI GCI GCI



GRINDLAYS

PISTON RINGS

		LT/LBT 111 BB LBT 111 FB, SBAT 111, T 112 H/E, G 112 M, K 112, R 112/M/MA /H/E, B 116, P 112 M/MA/H/E, L/LB 110, L/LB/LSLBS 111, SBA 111, T 112 E/H							
Dieselmotor DS 11	11000	Case- Traktoren (USA) Land Baumaschine	G-SCA-010	6	1 2 3 4	127.00 127.00 127.00 127.00	1/8" 3/32" 3/32" 3/16"	CRFKIS CTFIS CTFIS CHSL-B	SGI GCI GCI GCI
Dieselmotor DS 14, DS 14.06, DS 14.01/02, DSI 14, DSC 14	14200	L/LB/LS/LBS/ LBT 140, LT 145, 141, 142, 146, 141 S, T 112 E, R 142 E/H/M/MA, R/T 142 H, 146	G-SCA-011	V8	1 2 3	127.00 127.00 127.00	1/8" 3/32" 3/16"	CRFKIS CTFIS CHSL-B	SGI GCI GCI
Dieselmotor D 10, DS 10	10260	LA 75, LS 75, LT 75	G-SCA-012	6	1 2 3 4 5	127.00 127.00 127.00 127.00 127.00	1/8" 1/8" 1/8" 1/4" 1/4"	CR CTF CTF CHSL-B SOR	GCI GCI GCI GCI GCI
Dieselmotor DSC 11/27	11022	113 Bus	G-SCA-013	6	1	127.00	3.50	CRFKIS	SGI
Dieselmotor DSC 11	11015	R 113 H		6	2 3	127.00 127.00	3/32" 3.50	CTFIS CHSL-B	GCI GCI
Euro 2 Dieselmotor DSC 12	11700	R 124 LA 400		6					
01/02 Euro 2/ Euro 3 Dieselmotor DSC 14	14181			V8					



GRINDLAYS

PISTON RINGS

Dieselmotor DSC 11.01	11018	112	G-SCA-014	6	1	127.00	3.50	CRFKIS	SGI
Dieselmotor DS 11.34/73, DSC 11.12/13/16/17/18, DS 11, DSC 11, DSC 11.22/70, DTC 11.01/02, Euro 1	11015	Baureihe 113, Industrie motor, P/R 113		6	2 3	127.00 127.00	3/32" 3/16"	CTFIS CHSL-B	GCI GCI
Dieselmotor DSC 11.21/23/35/36, DS 11.75	11022	P/R/T 113		6					
Dieselmotor DSC 11.08/10/30/70 Euro 2	11000	R 113 MA 380 A		6					
Dieselmotor DSC 14.05/06 DSC14.03/04/08/09/10/16	14118	R/T 142, Baureihe 143		V8					
Dieselmotor DS 14 Case, DSC 14 J, DS 14.46/48/49/50, DSC 14.45/46, DSI 14.47/50/60/61/63	14180	Industrie motor		V8					
Dieselmotor DSC 14.08/10, DSC 14.09 Euro 1, DSC 14.10	14181	R/T 143		V8					



GRINDLAYSTECH

PISTON RINGS



SEAT

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Motor	965	Fura	G-SEA-001	4	1 2 3	67.20 67.20 67.20	1.50 1.75 5/32"	CRIB NTF TPOR	SGI/S GCI S
Motor 021.A.1000, 021 C 1000	1193	Ibiza, Ronda, Malaga	G-SEA-002	4	1 2 3	75.00 75.00 75.00	1.50 1.75 4.00	CRIB CTF TPOR	SGI/S GCI S
Dieselmotor 1.4	1398	Terra	G-SEA-003	4	1 2 3	75.00 75.00 75.00	1.75 2.00 3.00	CRIB CTF PSL	SGI/S GCI GCI
Motor	1272	Ibiza	G-SEA-004	4	1 2 3	75.00 75.00 75.00	1.75 2.00 3.00	CRIB NTF TPOR	SGI/S GCI S
Dieselmotor AAZ, 1Z, AFN, AHU	1896	Ibiza, Toledo, Toledo TDI, Alhambra TDI	G-SEA-005	4	1 2 3	79.50 79.50 79.50	1.75 2.00 3.00	CR CTFIB CHSL-B	SGI/S GCI GCI
Motor ABK, AAD	1984	Toledo, Ibiza	G-SEA-006	4	1 2 3	82.50 82.50 82.50	1.20 1.50 2.00	CTFIB CTFIB TPOR	SGI/S GCI S



GRINDLAYSTECH

PISTON RINGS

Motor	1675	Ibiza	G-SEA-007	4	1 2 3	83.00 83.00 83.00	1.50 1.75 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor 021.A.2000	1461	Ibiza, Ronda, Malaga	G-SEA-008	4	1 2 3	83.00 83.00 83.00	1.50 1.75 4.00	CRIB NTF TPOR	SGI/S GCI S
Dieselmotor 138 A 5.000, 138 B 6.000	1714	Ronda, Ibiza, Malaga	G-SEA-009	4	1 2 3	83.00 83.00 83.00	2.50 2.00 4.00	CRFK N CHSL-B	SGI GCI GCI



SKODA

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B  (Thickness)		
Motor 990	988	S 100, S 100 L	G-SKO-001	4	1 2 3	68.00 68.00 68.00	2.00 2.00 4.00	CRIB N BSOR	GCI GCI GCI
Motor 742.12, 742.12X	1174	S-120 S/L/GL/ LS, S-1203	G-SKO-002	4	1 2 3	72.00 72.00 72.00	1.50 1.50 3.00	CR NTF TPOR	SGI/S GCI S
Motor	1174	120	G-SKO-003	4	1 2 3	72.00 72.00 72.00	2.00 2.00 4.00	CRIB N TPOR	GCI GCI S
Motor 742.135, 781.135, 135 M	1289	Rapid 136, Favont	G-SKO-004	4	1 2 3	75.50 75.50 75.50	1.50 1.50 3.00	CRIB CTF TPOR	SGI/S GCI S
Motor 120, 130, 130 K		1200 LS, 1300	G-SKO-005	4	1 2 3	75.50 75.50 75.50	2.00 2.00 4.00	CRIB CTF TPOR	SGI/S GCI S



GRINDLAYS

PISTON RINGS



SLANZI

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor DVA 151.1			G-SLA-001	1	1	86.00	2.00	CR	GCI
Dieselmotor DVA 1030.2				2	2	86.00	2.00	CTFIB	GCI
Dieselmotor Dva 1550.3				3	3	86.00	4.00	BPSL	GCI
Dieselmotor DS 2001.2			G-SLA-002	2	1	105.00	3.00	CRFK	SGI
Dieselmotor DS 3001.3				3	2	105.00	2.50	CTF	GCI
Dieselmotor DS 4001.4				4	3	105.00	4.00	CHSL-B	GCI



GRINDLAYS

PISTON RINGS



STEYR

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor WD 308.40/41/45	2355	540/a, 545/a, 548	G-STE-001	3	1	100.00	2.50	CR	SGI
					2	100.00	2.50	CTF	GCI
Dieselmotor WD 408.40/41/42/43	3140	650/a, 658, 760/a, 768		4	3	100.00	2.50	CTF	GCI
					4	100.00	4.00	CHSL-B	GCI
Dieselmotor WD 308	2355	540, 545, 548, 650, 760	G-STE-002	3	1	100.00	2.50	CR	SGI
					2	100.00	2.50	CTF	GCI
Dieselmotor WD 408	3140			4	3	100.00	2.50	CTF	GCI
					4	100.00	5.00	CHSL-B	GCI
Dieselmotor WD 308.40/41/45		540, 545, 548, 650, 658, 760,	G-STR-003	3	1	100.00	2.50	CR	SGI
WD 408.40/41/42/43		Tractor		4	2	100.00	2.50	CTF	GCI
WD 311,		8080+		3	3	100.00	4.00	CHSL-B	GCI
WD 411,		8100		4					
WD 600				6					



GRINDLAYSTECH

PISTON RINGS

Dieselmotor WD 209	1990	188	G-STR-004	2	1	105.00	2.50	CRIB	SGI
Dieselmotor WD 609	5975	586, 680, 780 c, 890		6	2	105.00	2.50	CTF	GCI
e/f/g/h/n, Stamo 609 S					3	105.00	2.50	N	GCI
					4	105.00	5.00	CHSL-B	GCI
					5	105.00	5.00	SOR	GCI
Dieselmotor WD 210.40	1996	Traktor 430b	G-STR-005	2	1	105.00	3.00	CRFK	SGI
Dieselmotor WD 410.40	3983	Traktor 870a		4	2	105.00	2.50	CTF	GCI
Dieselmotor WD 10.18/19 /20	5975	586,590.110, 680,690.110, 690.132, 890.132, 430, 870, 1090, 1100, 1100 s, 1108,		6	3	105.00	2.50	N	GCI
WD 10.40/42/ 43/44/50/01					4	105.00	5.00	CHSL-B	GCI
					5	105.00	5.00	SOR	GCI
Dieselmotor WD 610.00/13/16/ 19/20 610.60/68/69/ 70/72/79	5976	586, 790, 890, 790.150, 790.150, 890.150, 1390.150	G-STR-006	6	1	105.00	3.50	CRFK	SGI
					2	105.00	2.50	CTF	GCI
					3	105.00	2.50	N	GCI
					4	105.00	5.00	CHSL-B	GCI
					5	105.0.	5.00	SOR	GCI
Dieselmotor WD 612.85/86/87/ 89 612.00/01/60/ 63/67/68/70/7 7/90	6590	8150, 8165, 8170, 790, 791	G-STE-007	6	1	108.00	3.00	CRFK	SGI
Dieselmotor WD621.94/95 Euro 1	6595	18S23, 18S26,		6	2	108.00	2.50	N	GCI
Dieselmotor 612.0001/20/ 40	6595	980, 988, 1200, 8140, 691.136, 791.145		4	3	108.00	4.00	CHSL-B	GCI
Dieselmotor WD412.40/41	4396			4					
Dieselmotor WD 113 a	1130		G-STE-008	1	1	110.00	3.00	CR	GCI
Dieselmotor WD 113 a				1	2	110.00	3.00	CTF	GCI
Dieselmotor WD 213, WD 213 a				2	3	110.00	3.00	N	GCI
Dieselmotor WD 213	2661			2	4	110.00	6.00	BSOR	GCI
					5	110.00	6.00	BSOR	GCI



PISTON RINGS

[illegible]



GRINDLAYS

PISTON RINGS



TALBOT

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Motor XV 5	954	Samba	G-TAL-001	4	1	70.00	2.00	CRIB CTF DB-PSL	GCI GCI GCI
					2	70.00	2.00		
					3	70.00	4.00		
Motor XW 7	1124	Samba	G-TAL-002	4	1	72.00	1.50	CRIB CTF TPOR	SGI/S GCI S
					2	72.00	2.00		
					3	72.00	4.00		
Motor 3 E 1, 350/S/SA	1118	1100, Fourgonette VF 1/2, 1006, Horizon, City Laster	G-TAL-003	4	1	74.00	1.75	CRIB NTF TPOR	SGI/S GCI S
					2	74.00	2.00		
					3	74.00	4.00		
Motor XY 6 B	1361	Samba	G-TAL-004	4	1	75.00	1.75	CRIB CTF TPOR	SGI/S GCI S
					2	75.00	2.00		
					3	75.00	4.00		
Motor 1 G 4, 6 G 1, 6 G 4, 1294 CM3	1294	Rallye 2, 1307, Alpine, Horizon Solara, 1100, Rallye 3, 1100, Matra Bagheera, Rallye 1	G-TAL-005	4	1	76.70	1.75	CRIB N BPSL	SGI/S GCI GCI
					2	76.70	2.00		
					3	76.70	4.00		
Motor 3 G 4, 366/3 G 2	1296	1100, Matra Bagheera, Rallye 1		4					
Motor 6 Y 2, 6 Y 2	1442	1308, 1508, Matra		4					



GRINDLAYS

PISTON RINGS

D		Rancho/ Grand Raid/ Bagheera, Horizon, Solara, Alpine							
Motor	1592	Simca 1309, 1510, Solara	G-TAL-006	4	1 2 3	80.65 80.65 80.65	1.75 2.00 4.00	CRIB NTF TPOR	SGI/S GCI S
Dieselmotor XUD 9, 7 CV	1905	Horizon, Solara	G-TAL-007	4	1 2 3	83.00 83.00 83.00	2.00 2.00 3.00	CR CTF CHSL-B	SGI/S GCI GCI
Motor 9 L 6	2664	Tagora SX	G-TAL-008	6	1 2 3	88.00 88.00 88.00	1.50 2.00 4.00	CRIB CTF TPOR	SGI/S GCI S
Dieselmotor 9 U 8	2304	Tagora	G-TAL-009	4	1 2 3	94.00 94.00 94.00	3.00 2.00 4.00	CRFK CTF CHSL-B	SGI GCI GCI



GRINDLAYS

PISTON RINGS



TATRA

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor T3-928	12660	Tatra 815	G-TAT-001	0	1	120.00	3.50	CRFK	SGI
Dieselmotor T3-929	15825				2	120.00	3.00	CTF	GCI
Dieselmotor T3-930	18990				3	120.00	5.00	CHSL-B	GCI
Dieselmotor 924A	5876	137, 138, 148	G-TAT-002	4	1	120.00	3.50	CRIB	SGI
Dieselmotor 926	8814			6	2	120.00	3.50	CTF	GCI
Dieselmotor 928	11762			V8	3	120.00	3.50	NTF	GCI
Dieselmotor 930	17628			V12	4	120.00	6.00	BPSL	GCI
Dieselmotor 2-928-1	12667			V8					



GRINDLAYSTECH

PISTON RINGS



URSUS

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor Z8701.1	6800	1222, 1224	G-URS-001	6	1 2 3 4	110.00 110.00 110.00 110.00	3.00 3.00 3.00 6.00	CR CTF N CHSL-B	GCI GCI GCI GCI
Dieselmotor Z8401.1, Z8002.1 Turbo Dieselmotor Z8602.1 Turbo	4600 6800	1012, 1014, 1614, 912, 914	G-URS-002	4 6	1 2 3	110.00 110.00 110.00	3.00 3.00 6.00	CRFK CTF CHSL-B	SGI GCI GCI



GRINDLAYS

PISTON RINGS



UTB

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor 45 CV	2340	U 445/A/B	G-UTB-001	3	1	95.00	2.50	CRIB CTFIB CHSL-B	GCI GCI GCI
					2	95.00	2.50		
					3	95.00	5.50		
CDieselmotor D 110	4760	U 50, U 500, U 650 M, U 651 M	G-UTB-002	4	1	108.00	3.00	CR C C PSL SOR	GCI GCI GCI GCI GCI
					2	108.00	3.00		
					3	108.00	3.00		
					4	108.00	6.00		
					5	108.00	6.00		



GRINDLAYS

PISTON RINGS



VM

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor HR 488 HT/2,	1994	Alfa Romeo	G-VM-001	4	1	88.00	2.50	CRFK	SGI
VM 80 A					2	88.00	2.00	NTF	GCI
Dieselmotor HR 588 HT/2	2492	Alfa Romeo		5	3	88.00	4.00	CHSL-B	GCI
Dieselmotor HRA 192			G-VM-002	1	1	92.00	2.00	CRIB	SGI/S
Dieselmotor HRA 292				2	2	92.00	2.00	NTF	GCI
Dieselmotor HRA 392				3	3	92.00	4.00	CHSL-B	GCI
Dieselmotor HRA 492				4					
Dieselmotor HR 492 HI	2392	Alfa Romeo	G-VM-003	4	1	92.00	2.50	CRFK	SGI
Dieselmotor HR 492 HT	2393	Alfa Romeo		4	2	92.00	2.00	NTF	GCI
Dieselmotor HR 92.4 S-H	2500	Alfa Romeo		4	3	92.00	4.00	CHSL-B	GCI
Dieselmotor HR 692	3589	Marinemotor		6					
H/HT/									
H 9/HT 9									



GRINDLAYS

PISTON RINGS

Dieselmotor VM 425 CE	2499	Chrysler	G-VM-004	4	1	92.00	2.00	CRHK	SGI/S
Dieselmotor VM 531 CE	3124	Voyager, Jeep Cherokee		5	2	92.00	1.50	NTF	GCI
Turbotronic 2					3	92.00	2.50	BPS	GCI
Dieselmotor HR94	1388	Industrie-motor	G-VM-005	2	1	94.00	3.00	CRFK	SGI
Dieselmotor HR94	2082	Industrie-motor		3	2	94.00	2.00	N	GCI
Dieselmotor HR94	2776	Industrie-motor		4	3	94.00	4.00	CHSL-B	GCI
Dieselmotor HR94	4164	Industrie-motor		6					
Dieselmotor 10 DA/SL, 951 SU, 195 SV			G-VM-006	1	1	95.00	2.50	CRIB	GCI
Dieselmotor 22 DA/SL, 952 SU, 295 SV				2	2	95.00	2.50	CTFIB	GCI
Dieselmotor 35 DA/SL, 395 SV				3	3	95.00	2.50	CTFIB	GCI
Dieselmotor 50 DA/SL, 954 SU, Dieselmotor 956 SU				4	4	95.00	5.00	BPSL	GCI
Dieselmotor 198 SV			G-VM-007	1	1	98.00	2.50	CRIB	GCI
Dieselmotor 298 SV				2	2	98.00	2.50	CTFIS	GCI
Dieselmotor 398 SV				3	3	98.00	2.50	N	GCI
					4	98.00	5.00	BPSL	GCI
Dieselmotor 101 SU			G-VM-008	1	1	100.00	2.50	CRFK	SGI/S
Dieselmotor 102 SU/ MH 11				2	2	100.00	2.50	CTF	GCI
Dieselmotor 103 SU/ MH 11				3	3	100.00	2.50	N	GCI
Dieselmotor 104 SU/ MH 11				4	4	100.00	5.00	BPSL	GCI
Dieselmotor 106 SU/				6					



GRINDLAYS

PISTON RINGS

MH 11									
Dieselmotor 110 SL			G-VM-009	1	1	100.00	2.50	CR	SGI
Dieselmotor 210 SL				2	2	100.00	2.50	CTF	GCI
Dieselmotor 310 SL				3	3	100.00	2.50	N	GCI
Dieselmotor 410 SL				4	4	100.00	5.00	BPSL	GCI
Dieselmotor 1051	996		G-VM-010	1	1	105.00	3.00	CRFK	SGI
SU/SUN				2	2	105.00	2.50	CTF	GCI
Dieselmotor 1052	1992			3	3	105.00	2.50	N	GCI
SU/SUN				4	4	105.00	5.00	CHSL-B	GCI
Dieselmotor 1053	2987			6					
SU/SUN									
Dieselmotor 1054	3984								
SU/SUN									
Dieselmotor 1056	5976								
SU/SUN									
Dieselmotor SUN.M	1992		G-VM-011	2	1	105.00	3.00	CRFK	SGI
Dieselmotor SUN.M	2987			3	2	105.00	2.50	CTF	GCI
Dieselmotor SUN.M	3984			4	3	105.00	4.00	CHSL-B	GCI
Dieselmotor SUN.M	5976			6					
Dieselmotor 112 DAN			G-VM-012	2	1	110.00	3.00	CRFK	SGI
Dieselmotor 113 DAN				3	2	110.00	2.50	CTF	GCI
Dieselmotor 114 DAN				4	3	110.00	2.50	N	GCI
Dieselmotor 116 DAN				6	4	110.00	5.00	BPSL	GCI
Dieselmotor 1152 DAN			G-VM-013	2	1	115.00	3.00	CRFK	SGI
Dieselmotor 1153 DAN				3	2	115.00	3.00	CTFIB	GCI
Dieselmotor				4	3	115.00	3.00	N	GCI
					4	115.00	6.00	BPSL	GCI



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PISTON RINGS

1154 DAN Dieselmotor 1156 DAN				6					
Dieselmotor L-130 Dieselmotor L-130			G-VM-014	6 V12	1 2 3 4	130.00 130.00 130.00 130.00	4.00 3.00 3.00 6.00	CRFK CTFIB CTFIB CHSL-B	SGI GCI GCI GCI



VOLKSWAGEN

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Motor	999	Lupo 1.0, Polo 50	G-VOL-001	4	1 2 3	67.10 67.10 67.10	1.00 1.20 2.00	CR NTF TPOR	SGI/S GCI S
Motor 801, FJ, GG, HB, HD	1093	Scirocco, Golf, Polo, Derby, Jetta, Industrie- motor	G-VOL-002	4	1 2 3	69.50 69.50 69.50	1.75 2.00 4.00	CRIB NTF PSL	GCI GCI GCI
Motor HA	895	Polo, Derby		4					
Motor HC	1093	Polo	G-VOL-003	4	1 2 3	69.50 69.50 69.50	1.75 2.50 4.00	CRIB N BPSL	GCI GCI GCI
Motor 3F, AAL Motor AAU Motor ABD	1272 1043 1391	Polo Polo Golf III, Vento	G-VOL-004	4 4 4	1 2 3	75.00 75.00 75.00	1.50 1.50 2.50	CRIB CTF TPOR	SGI/S GCI S
Motor EP, EU	1296	Passat, Santana	G-VOL-005	4	1 2 3	75.00 75.00 75.00	1.50 1.75 3.00	CRIB CTF TPOR	SGI/S GCI S



GRINDLAYS

PISTON RINGS

MotorGL Motor HZ Motor GK, HK, HW, 1272 cm3, PY,MH, NZ, NU, 2G	1050 1043 1272	Polo, Derby Polo Hydrostössel Polo, Scirocco, Polo/Coupé, Golf, Jetta, Derby, Golf Cabrio, Jetta (Export), Hydrostössel, Polo G 40	G-VOL-006	4 4 4	1 2 3	75.00 75.00 75.00	1.75 2.00 3.00	CRIB NTF TPOR	SGI/S GCI S
Dieselmotor MN Dieselmotor 1W	1272 1398	Polo Polo	G-VOL-007	4 4	1 2 3	75.00 75.00 75.00	1.75 2.00 3.00	CRIB CTF PSL	SGI/S GCI GCI
Motor HH, FZ, HJ, GT, FY, GS	1272	Polo, Derby, Passat, Santana (Export), Golf, Jetta, Scirocco	G-VOL-008	4	1 2 3	75.00 75.00 75.00	1.75 2.00 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor ZA, ZP, EP	1296	Passat, Santana	G-VOL-009	4	1 2 3	75.00 75.00 75.00	2.00 2.50 4.00	CRIB N TPOR	SGI/S GCI S
Motor ADX, AEX Motor AEE, AEA, AHS	1389 1598	Polo, Golf, Vento, Caddy Polo, Golf, Vento, Caddy	G-VOL-010	4 4	1 2 3	76.50 76.50 76.50	1.20 1.50 2.50	CRIB NTF TPOR	SGI/S GCI S
Motor ABU	1598	Golf III, Vento	G-VOL-011	4	1 2 3	76.50 76.50 76.50	1.50 1.50 2.50	CRIB NTF TPOR	SGI/S GCI S
Dieselmotor 1V, CY, MF, JR, JX, RA, SB Dieselmotor DV Dieselmotor ACL	1588 2384 2383	Golf, Jetta, Passat, Santana, 245/ 247/251/253/ 255, Rabbit (USA), Typ 2 LT 28/31/35/ 40/45/50/55 LT 35	G-VOL-012	4 6 6	1 2 3	76.50 76.50 76.50	1.75 2.00 3.00	CR CRTFIB CHSL-B	SGI/S GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor 1470 cm3	1470	Passat Industrie- motor	G-VOL-013	4	1 2 3	76.50 76.50 76.50	1.75 2.00 3.00	CR CTFIB CHSL-B	SGI/S GCI GCI
Dieselmotor CR, CS, JK, ME, JP	1588	Jetta, Passat, T2 Santana, Cad dy Golf		4					
Dieselmotor 076.1, CP, DW, 1S,	2387	Industrie- motor LT 31D, LT 33D LT 35D, LT 40D LT 45 D		6					
Dieselmotor DL, 1E, HS	2383	LT 28/31/35/ 40/45/50/55		6					
Motor FD, FB, ZC, ZB	1470	Passat, Scirocco	G-VOL-014	4	1 2 3	76.50 76.50 76.50	2.00 2.50 4.00	CR N CHSL-B	SGI GCI GCI
Motor 113	1192	1200, 122, Industrie- motor	G-VOL-015	4	1 2 3	77.00 77.00 77.00	2.00 2.00 4.00	CTF N BPSL	GCI GCI GCI
Motor 113	1285	1300, Karmann Ghia, Käfer 1300, 1302, 1303		4					
Motor 113	1192	113, 117, 141, 151, 211, 231, 241, Käfer 1200	G-VOL-016	4	1 2 3	77.00 77.00 77.00	2.50 2.50 4.00	CTF CTF BPSL	GCI GCI GCI
Dieselmotor AFB, AKN	2496	Passat TDi, Passat 2.5 V6	G-VOL-017	6	1 2 3	78.30 78.30 78.30	1.75 2.00 3.00	CR CTFIB CHSL-B	SGI/S GCI GCI
Dieselmotor KY	1715	T2	G-VOL-018	4	1 2 3	79.50 79.50 79.50	1.75 2.00 3.00	CR CTFIB CHSL-B	SGI/S GCI GCI
Dieselmotor AAZ, ABL, 1Z, AEY, AEF, AFN, AHF, AHU, 1X, 1Y	1896	Passat, Golf, Vento, T4, Passat TDI, Sharan TDI, Golf SDI, Vento SDI, Caddy, Polo SDI, Vento		4					



GRINDLAYS ENGINE PARTS

PISTON RINGS

Dieselmotor AAB	2370	TDI Sharan, New Beetle T4 T4-Syncro		5					
			G-VOL-019		1 2 3	79.50 79.50 79.50	1.75 2.00 3.00	C CRTFIB CHSL-B	SGI/S GCI GCI
Motor EE, EJ, EF, FN FR, FP, WV, YG, YH, YK, WY, WZ, YP, YN, YT, EG	1588	Golf, Scirocco, Jetta, Passat, Santana (USA) Industrie- motor, Santana, Golf GTi, Scirocco GTi, Jetta Gli,	G-VOL-020	4	1 2 3	79.50 79.50 79.50	1.75 2.00 4.00	CRIB NTF TPOR	SGI/S GCI S
Motor FT, FV, JB, EH, FH, VJ	1457	Rabbit, Scirocco (USA) Golf, Scirocco, Jetta, Pussat, Caddy		4					
Motor EN	1716	Ilitis, Geländewag en Rabbit (USA), Golf, Jetta, Scirocco (USA) Santana, Rab bit Dasher, Quantum (USA)		4					
Motor WN	1921	Passat, Santana, Quantum (USA)		5					
Motor 1600	1588	Golf, Scirocco, Jetta, Passat, Audi 80, 100	G-VOL-021	4	1 2 3	79.50 79.50 79.50	1.75 2.50 5.00	CRIB NTF CHSL-B	SGI/S GCI S



GRINDLAYS

PISTON RINGS

			G-VOL-022	4	1 2 3	79.50 79.50 79.50	2.00 2.50 5.00	CR NTF TPOR	GCI GCI S
Motor AEK, AFT, AHL	1595	Polo, Golf, Vento, Passat	G-VOL-023	4	1 2 3	81.00 81.00 81.00	1.20 1.20 2.00	CIB NTF TPOR	SGI/S GCI S
Motor AEB, AGU, ADR, AGN	1781	Passat, Golf, Sharan 1.8 Turbo, Passat, Golf 1.8	G-VOL-024	4	1 2 3	81.00 81.00 81.00	1.50 1.75 2.00	CRIB NTF TPOR	SGI/S GCI S
Motor JS	1994	Passat Syncro, Passat, Santna	G-VOL-025	5	1 2 3	81.00 81.00 81.00	1.50 1.75 3.00	CRIB NTF CHSL-B	SGI/S GCI GCI
Motor JT, KX, KV	2226	Passat, Passat Syncro, Quantum (USA)		5					
Motor VR5, AGZ	2324	Golf, Passat		V5					
Motor VR6, AAA	2792	Corrado (USA), Golf, Vento, Passat, Sharan		V6					
Motor EZ, ABN, JU, PN, RF	1595	Santana		4					
Motor 1P, 2H, GU, PB, ABS, HV, ADZ, GX, JH, KT, DX, DZ, GZ, EV, PF, HT, RH, DS, JV, KR, PL, AAM, RP, JN, PG	1781	Jetta, Golf, Passat Golf, Jetta, Jetta Syncro, Golf Cabrio, Jetta (CH,S), Passat, Vento, Scirocco, Santana, Corrado Passat Syncro, Scirocco 16V, Jetta 16V		4					



GRINDLAYS

PISTON RINGS

			G-VOL-026		1 2 3	81.00 81.00 81.00	1.50 1.75 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor AAC	1998	T4	G-VOL-027	4	1 2	81.00 81.00	1.75 2.00	CRIB NTF	SGI/S GCI
Motor AAF, ACU	2459	T4 T4 Syncro		5	3	81.00	3.00	CHSL-B	GCI
			G-VOL-028		1 2 3	81.00 81.00 81.00	1.75 2.00 3.00	CRIB NTF TPOR	SGI/S GCI S
Dieselmotor ACV, AHD, AGX	2461	T4, Caravelle TDI, LT 35 TDI, LT 28 SDI	G-VOL-029	5	1 2 3	81.00 81.00 81.00	2.50 2.00 3.00	CR CTF CHSL-B	SGI GCI GCI
Motor VR6, ABV	2861	Corrado, Golf Syncro	G-VOL-030	V6	1 2 3	82.00 82.00 82.00	1.50 1.75 3.00	CRIB NTF CHSL-B	SGI/S GCI GCI
Motor AVU	1595	Golf 1.6, New Beetle 1.6, Bora + Passat 1.6	G-VOL-031	4	1 2 3	81.00 81.00 81.00	1.00 1.20 2.00	C NTF TPOR	SGI/S GCI GCI
Motor 9A, 2E, ADY, ABA, ABF, AGG, ADY	1984	Passat, Corrado Golf, Vento, Golf III, Vento 16V, Sharan, Passat Syncro	G-VOL-032	4	1 2 3	82.50 82.50 82.50	1.20 1.50 2.00	C NTF TPOR	SGI/S GCI S
Motor 2771	2771			V6					
Motor 7A	2309	Audi 90, 100	G-VOL-033	5	1 2 3	82.50 82.50 82.50	1.20 1.75 3.00	C NTF TPOR	SGI/S GCI S
Motor 3A	2000	Audi 80, 90	G-VOL-034	4	1 2 3	82.50 82.50 82.50	1.50 1.50 2.00	CRIB NTF TPOR	SGI/S GCI S
Motor 7A	2309	Passat, Audi 80, 90, 100	G-VOL-035	5	1 2	82.50 82.50	1.50 1.75	CRIB NTF	SGI/S GCI
Motor 1900E	1847			4	3	82.50	3.00	TPOR	S



GRINDLAY ENGINE PARTS

PISTON RINGS

Motor 124, 126, 311	1493	Käfer 1500, Transporter	G-VOL-036	4	1 2 3	83.00 83.00 83.00	2.00 2.00 4.00	CTF N BPSL	GCI GCI GCI
Motor 211	1584	181, Käfer 1200 1303 (USA), Transporter 1600, 211, 231, 245, 247, 251, 253, 255, 261, Clipper, Industrie- motor, 126 A, Micro-Bus	G-VOL-037	4	1 2 3	85.50 85.50 85.50	1.75 2.00 5.00	CTF N BPSL	GCI GCI GCI
Motor 311 AD/AS, 311, 311- 314, 343-346, 361-364	1584	Käfer 1302, Käfer 1303, Käfer 1600, Karmann Ghia	G-VOL-038	4	1 2 3	85.50 85.50 85.50	2.00 2.00 5.00	CTF N BPSL	GCI GCI GCI
Motor CH	1984	LT 28-281 CH, 283 CH, 285 CH, LT 31-281 CH, LT 35, LT 40	G-VOL-039	4	1 2 3	86.50 86.50 86.50	2.00 2.50 5.00	CR NTF BPSL	SGI/S GCI GCI
Motor W	1679	411 E, 412 E, 914/4 (VW- Porsche)	G-VOL-040	4	1 2 3	90.00 90.00 90.00	2.00 2.00 5.00	CTF N BPSL	GCI GCI GCI
Dieselmotor 2L	2446	Taro	G-VOL-041	4	1 2 3	92.00 92.00 92.00	2.00 2.00 4.00	CRHK CRTF BPSL	SGI/S SGI S
Dieselmotor CG	2710	LT 28 D, LT 31D, LT 35 D	G-VOL-042	4	1 2 3	92.00 92.00 92.00	2.00 2.50 4.00	CRIB NTF CHSL-B	SGI/S GCI GCI
Motor AP, AT	1795	T2, 412, 914, (VW- Porsche) (USA)	G-VOL-043	4	1 2 3	93.00 93.00 93.00	2.00 2.00 4.00	CTF N BPSL	GCI GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor AGK, ATA	2799	LT 28 D	G-VOL-044	4	1 2 3	93.00 93.00 93.00	2.50 2.00 3.00	CRFK CRTFIS CHSL-B	SGI GCI GCI
Motor GB	1957	VW-Porsche 914 2.0	G-VOL-044	4	1 2 3	94.00 94.00 94.00	1.50 1.75 4.00	CR N TPOR	SGI/S GCI S
Motor DJ, MV, SS, SR	2109	245/251/255, Caravelle, T2, T2 Syncro, T2 Syncro (CH)	G-VOL-045	4	1 2 3	94.00 94.00 94.00	1.75 2.00 3.50	CR N PSL	SGI GCI GCI
Motor GJ, GD, GE	1970	211/221/231/ 245/247/251/ 253/255/261/ 2000	G-VOL-046	4	1 2 3	94.00 94.00 94.00	1.75 2.00 4.00	CTF N BPSL	GCI GCI GCI
Motor DH, H4, DF, DG, EY, GW, DF	1915	245/247/251/ 253/255 Typ 2 Syncro		4					
Dieselmotor D 0224 M/MF/MKF Dieselmotor D 0226 M/MF/MKF	3791 5687	 8.136 F/FK, 9.136 F/FK, 6.90 F/FK, 8.90 F/FK	G-VOL-047	4 6	1 2 3	102.00 102.00 102.00	2.50 2.50 4.00	CR CTF CHSL-B	SGI GCI GCI



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PISTON RINGS



VOLVO

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Motor B 10 E	1108	66 DL	G-VOL-001	4	1 2 3	70.00 70.00 70.00	1.75 2.00 3.50	CRIB N TPOR	SGI/S GCI S
Motor B 13 E	1289	66 GL	G-VOL-002	4	1 2 3	73.00 73.00 73.00	1.75 2.00 4.00	CR CTF BPSL	SGI/S GCI GCI
Motor B 14, B 14 OE	1397	340, 343, 345	G-VOL-003	4	1 2 3	76.00 76.00 76.00	1.75 2.00 4.00	CRIB NIF TPOR	SGI/S GCI S
Dieselmotor D 24, D 24 TD, D 24 TD/TIC	2383	240, 244, 245, 740, 760, 940, 945, 960, 780, 960, 980	G-VOL-004	6	1 2 3	76.50 76.50 76.50	1.75 2.00 3.00	CR CRTFIS CHSL-B	SGI/S GCI GCI
Dieselmotor D 16	1596	340, 360	G-VOL-005	4	1 2 3	78.00 78.00 78.00	2.00 2.00 3.00	CR CTF CHSL-B	SGI/S GCI GCI
Motor B 16 A, B 16 B	1580		G-VOL-006	4	1 2 3	79.37 79.37 79.37	5/64" 5/64" 3/16"	CR CIB BSOR	GCI GCI GCI
Dieselmotor D 4192 T, Mot--37920	1870	S 40 1.9TD V40 1.9TD	G-VOL-007	4	1 2 3	80.00 80.00 80.00	2.50 2.00 3.00	CRFK CTFIB CHSL-B	SGI GCI GCI
Dieselmotor D 4192 T, Mot--37920	1870	S 40 1.9TD V40 1.9TD	G-VOL-007	4	1 2 3	80.00 80.00 80.00	2.50 2.00 3.00	CRIB CTFIB CHSL-B	SGI GCI GCI
Motor B 5204 S B 5204 FT Motor B 6254 S/G	1984 2473	S 40, V 40 (I) S 70, V 70 (I) 960	G-VOL-008	5 6	1 2 3	81.00 81.00 81.00	1.20 1.75 3.00	CIB NTF TPOR	SGI/S GCI S



GRINDLAYSTECH

PISTON RINGS

Motor B 5234 FT	2319	850 T5, S 70	G-VOL-009	5	1 2 3	81.00 81.00 81.00	1.50 1.75 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor B 172 K, B 18 KP/KPD, B 18 E/ED/F/EP /FP F 3 N-230, F 3 N	1721	340, 360, 440, 460, 480	G-VOL-010	4	1 2 3	81.00 81.00 81.00	1.75 2.00 3.00	CRIB CTF TPOR	SGI/S GCI S
Dieselmotor D 5252 T	2461	850 TDI S/V 70	G-VOL-011	5	1 2 3	81.00 81.00 81.00	2.50 2.00 3.00	CR CTF CHSL-B	SGI GCI GCI
Motor B 5202 S	1984	850, S 70, V 70	G-VOL-012	5	1 2 3	81.00 81.00 81.00	1.20 1.50 2.50	CR CRTFIB CHSL-B	SGI/S GCI GCI
Motor B 18 U Motor B 20 F	1794 1998	440, 460 460	G-VOL-013	4 4	1 2 3	82.70 82.70 82.70	1.50 1.75 3.00	CRIB CTF TPOR	SGI/S GCI S
Motor F7R	1994	440, 460	G-VOL-014	4	1 2 3	82.70 82.70 82.70	1.20 1.50 2.50	CIB NTF TPOR	GCI GCI GCI
Motor N 2P 25 FS, B 5254 F, Motor B 5252 F	2500 2435	850 GLT 850 GLE	G-VOL-015	5 5	1 2 3	83.00 83.00 83.00	1.20 1.75 3.00	CIB NTF TPOR	SGI/S GCI S
Motor B 5204 T2	1984	S 70 T, V 70 T, C 70 T	G-VOL-016	4	1 2 3	83.00 83.00 83.00	1.20 1.50 2.50	CIB NTF TPOR	SGI/S GCI GCI
Motor B 5234 T2, B 5244, B 5254	2319	S 70 T5, V 70 T5, C 70 T5, S 80	G-VOL-017	5	1 2 3	83.00 83.00 83.00	1.20 1.50 2.50	CIB NTF TPOR	SGI/S GCI GCI
Motor B 4202 S Motor B 4184 S, B 4204 T	1731 1948	S 40, V 40 S 40 Turbo V 40 Turbo	G-VOL-018	4	1 2 3	83.00 83.00 83.00	1.20 1.50 2.50	CIB NTF TPOR	SGI/S GCI GCI



GRINDLAYSTECH

PISTON RINGS

Motor B 5252 F/FS, B 5252 T	2435	850 GLE, SE, GLT, C70, S70, V70	G-VOL-019	5	1 2 3	83.00 83.00 83.00	1.20 1.50 2.50	CIB NTF TPOR	SGI/S GCI GCI
Motor B20F-118	2000	440, 460, 480, 850, 960	G-VOL-020	4	1 2 3	83.00 83.00 83.00	1.50 1.75 3.00	CRIB NTF TPOR	SGI/S GCI S
Motor Motor	2500 3000			5 6					
Motor B 18 A, B 18 D, B 18 B	1780	PV 544, Amazon, P 121 P 131, PV 544, P 122 S, P 132, P 210, P 221, P 1800	G-VOL-021	4	1 2 3	84.14 84.14 84.14	2.00 2.00 3/16"	CR N BSOR	SGI GCI GCI
Motor B 27 E, B 27 A, B 27 E	2664	264, 265, 262	G-VOL-022	V6	1 2 3	88.00 88.00 88.00	1.50 2.00 4.00	CRIB CTF TPOR	SGI/S GCI S
Motor B 200 K, B 200, K E, B 200 ET Motor B 204 FT	1986 1991	240, 360 940, 960	G-VOL-023	4	1 2 3	88.90 88.90 88.90	1.75 1.75 3.50	CRIB NTF BPSL	SGI/S GCI GCI
Motor B 19 A,B20A, B 19 E, B 20 B, B 20 E	1985	242, 244, 245, 360, 142, 144, 145, C 202	G-VOL-024	4	1 2 3	88.90 88.90 88.90	1.75 2.00 4.00	CRIB N BPSL	SGI/S GCI GCI
Motor B 20 A Motor B 20 B, B 20 E/F Motor B 30 E	1991 1985 2978	 142, 144, 145, 1800 S, 160, 164, 165, 166, 142 E, 144 E, 164 E	G-VOL-025	4 4 6	1 2 3	88.90 88.90 88.90	2.00 2.00 3/16"	CR N BSOR	SGI/S GCI GCI



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PISTON RINGS

Motor B 28 E, B 28 A/F	2849	262, 264, 265, 760, 780, 780 (USA)	G-VOL-026	V6	1 2 3	91.00 91.00 91.00	1.50 2.00 4.00	CRIB CTFIB CHSL-B	SGI/S GCI GCI
Motor B 21 A, B 21 E, B 21 F, B 21 ET, B 21 FT/FTI	2127	242, 244, 245, 245 (USA), 240	G-VOL-027	4	1 2 3	92.00 92.00 92.00	1.75 2.00 4.00	CRIB NTF PSL	SGI GCI GCI
Motor B21	2127	242, 244, 245	G-VOL-028	4	1 2 3	92.00 92.00 92.00	2.00 2.00 4.00	CRIB NTF PSL	SGI/S GCI GCI
Dieselmotor MD 31, MD 31 A	2390	Marinemotor	G-VOL-029	4	1 2 3	92.00 92.00 92.00	2.50 2.50 4.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor MD 40 A, TAMD 40 A/B, AQAD 40 A, TD 40/A, TMD 40 A, TMD 40 B/C TD 41 G	3600	Marinemotor F 406, F 408, F 407	G-VOL-030	6	1 2 3	92.00 92.00 92.00	2.50 2.50 4.00	CRFK NTF CHSL-B	SGI GCI GCI
Dieselmotor D 50 A/B TD 50 A/B	5100	F 84, F 85, N 84, B 54	G-VOL-031	6	1 2 3 4	95.25 95.25 95.25 95.25	3/32" 1/8" 1/8" 3/16"	CR CTF CTF CHSL-B	SGI GCI GCI GCI
Motor B 230 A/K, B 230 E, B 230 F, B 230 F/FB/FF/ FD/GS/FS/F DI/ET/FT/GT, 171, B 230, B 234 F Motor 151 A	2316 2489	240, 740, 760 (USA), 940, 760 Turbo, Marinemotor, 740 GL 16 V 740 GL 16 V Marinemotor	G-VOL-032	4 4	1 2 3	96.00 96.00 96.00	1.75 1.75 3.50	CRIB NTF CHSL-B	SGI GCI GCI
Motor MB 23, B 23 A, B 23 E, B 23	2316	Marinemotor 244, 240, 244, 740,	G-VOL-033	4	1 2 3	96.00 96.00 96.00	1.75 2.00 4.00	CRIB NTF TPOR	SGI GCI S

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PISTON RINGS

Sportversion, B 23 F, B 23 ET, B 23 FT, B 230 FT		760,(USA) 760 Turbo, 760 Turbo (USA)							
Dieselmotor D 60, TD 60 A, TD 60 B, TD 60 F/G/GS TD 60 C/D/DG TAMD 60 C, TID 60 A/ACE, TD 610 G, TD 61 A/AG/APB/A CE /AGP/AP, TWD 610 G	5480	Traktor B 609, F 609, F 611, 680, 486, F 607 F 609, F 613, N 84, B 6 F, F 613, F 614, F 616, F 617, B 6 F, 200 CH, FL 616, FL 614 F 610, F 611 F 612	G-VOL-034	6	1 2 3	98.43 98.43 98.43	3/32" 1/8" 3/16"	CRIB CTF CHSL-B	GCI GCI GCI
Dieselmotor TAMD 61 A, TAMD 62 A	5480	Marinemotor	G-VOL-035	6	1 2 3	98.43 98.43 98.43	1/8" 1/8" 3/16"	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor TD 63, D 6 A.230, 250, Euro 2	5480	FL 611, 612, 613, 614, 608, 618, 619+L 704	G-VOL-036	6	1 2 3	98.43 98.43 98.43	3.50 2.50 3.50	CRFKIB CTFIB CHSL-B	SGI GCI GCI
Dieselmotor D 7 A, B	6700	FL7+B7R, FL 290	G-VOL-037	6	1 2 3	104.77 104.77 104.77	3.50 2.50 3.50	CRFKIB CTFIB CHSL-B	SGI GCI GCI
Dieselmotor TD 70 A, TD 70 B/C, TMD 70 B TD 70 G/F/FS	6700	B 54, B 57, F 86, FB 86, N 86, D 7, Dumper 3500, F 86, FB 86 N 86, N 7, F 7, F 716/T, F 724, F 720, Dumper 5350, B57, N 7	G-VOL-038	6	1 2 3 4	104.78 104.78 104.78 104.78	3/32" 1/8" 1/8" 3/16"	CR CTF CTF CHSL-B	SGI GCI GCI GCI
Dieselmotor TAMD 70/C	6724	Marinemotor		6					



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PISTON RINGS

Dieselmotor MD 70 C, D 70 CHC, D 70 CRC, TMD 70 C	6730	Marinemotor		6					
Dieselmotor MD 70 B, D 70 A, D 70 B	6700	Marinemotor F 86, N 86	G-VOL-039	6	1 2 3 4 5	104.78 104.78 104.78 104.78 104.78	3/32" 1/8" 1/8" 3/16" 3/16"	CR CTF CTF CHSL-B SOR	SGI GCI GCI GCI GCI
Dieselmotor TD 70 E/ES, TD 70 H/HA, TD 70 E/ES, TD 71 A, AW, ACE, AP, APB, AG, AGP, FQ/K, FSQ, TDF 71 F, TD 73 G/E, TD 71 FS/FSQ	6700	F 86, TF 86 T, N 725, TF 86 TDC, TN 7, B 57, Dumper 4500, F 7, B 57	G-VOL-040	6	1 2 3	104.78 104.78 104.78	3/32" 1/8" 3/16"	CR CTF CHSL-B	GCI GCI GCI
Dieselmotor TAMD 71, TAMD 71 B	6724	Marinemotor	G-VOL-041	6	1 2 3	104.78 104.78 104.78	3.00 2.50 4.00	CRFK NTF CHSL-B	SGI GCI GCI
Dieselmotor TD 73 ES TD 73 E	6700	FS 7-34/7- 54, FS/FL 7- 38/7-52, FS 7-34/7-54		6					
Dieselmotor TD42, TD45			G-VOL-042	4	1 2 3 4	105.57 105.57 105.57 105.57	3/32" 1/8" 1/8" 3/16"	CR CIB CIB CHSL-B	GCI GCI GCI GCI
Dieselmotor D 1113 Dieselmotor D 1114		Traktor 350,470	G-VOL-043	3 4	1 2 3 4 5	111.12 111.12 111.12 111.12 111.12	3/32" 1/8" 1/8" 3/16" 3/16"	CRIS CTF CTF BPSL SOR	GCI GCI GCI GCI GCI
Dieselmotor D 100 A/B, MD 100 B, HD 100 A,	9600	N 88, F 88, LN 88, LF 88, B 58, B 59, NB 88, FB	G-VOL-044	6	1 2 3 4	120.65 120.65 120.65 120.65	3/32" 1/8" 1/8" 3/16"	CR CTF CTF CHSL-B	SGI GCI GCI GCI



GRINDLAYS

PISTON RINGS

THD 100 A, TD 100 A, THD 100 A, TMD 100 A, THD 101 B		88, N 10, B 10, 300 CH, 400 CH							
Dieselmotor TD 96			G-VOL-045	6	1 2 3 4 5	120.65 120.65 120.65 120.65 120.65	3/32" 1/8" 1/8" 3/16" 3/16"	CR CTF CTF CHSL-B SOR	SGI GCI GCI GCI GCI
Dieselmotor TD 100 B, TD 100 BG, THD 100 DB/DC/DD/E/ EB/EC/ED, THD101 G/GC/GD THD 101 K/KB/MC THD 101 KC, THD 102 KA/KB/KF, Dieselmotor TD 100 G/GA/F TD 101 F/FA/FD/ G/GA TMD 102/A/C Dieselmotor THD 102 KE	9600	F 10-46, F 10-49, F 10-52, F 10-56, F 1020/38, N 10, F 10, F 88, FB 88, B 10 M/R, 400 CH, B 10 M, C 10 M, C 10 M, B 10 M GAB	G-VOL-046	6	1 2 3	120.65 120.65 120.65	3/32" 1/8" 3/16"	CR CRTFIB CHSL-B	SGI GCI GCI
	9599	F 10, N 10, F 10 Intercooler N 10Intercooler Marinemotor		6					
	10414	Truck		6					
Dieselmotor THD 102 KD, TD 102 FL/FM/GB, TD 102 F/FD/ FDQ/FF/FH Euro 1	9600	B 10 M F 10, FL 10, N 10	G-VOL-047	6	1 2 3	120.65 120.65 120.65	3.00 1/8" 3/16"	CR CTF CHSL-B	SGI GCI GCI
Dieselmotor TD 103 E/ES/EA, Euro 2, TD 103 KF, KB Euro 1	9600	F 10- 38/40/52 NL 10, FL 10, FS 10, Bus B 10 M	G-VOL-048	6	1 2 3	120.65 120.65 120.65	3.50 1/8" 3/16"	CRFKIB CTF CHSL-B	SGI GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor TD 103, D 10 Euro 2, DH 10 A	9600	FL 10-360 IC Bus	G-VOL-049	6	1 2 3	120.65 120.65 120.65	4.00 1/8" 3/16"	CRFKIB CTF CHSL-B	SGI GCI GCI
Dieselmotor D 120	12000	F 88, F 89	G-VOL-050	6	1 2 3 4	130.18 130.18 130.18 130.18	3/32" 1/8" 1/8" 3/16"	CR CTF CTF CHSL-B	SGI GCI GCI GCI
Dieselmotor TD 120 A, TMD 120 A, TAMD 120 A, TD 120 C/D/E TAD 120 BHC, TAMD 120 B, TD 120 G/GA, TD 120 F/FC TD 122 GB/KBE TAMD 120 A/AK/B/C/E/ BCC TD 121 F/G/GD/C 122 GB, 122 KBE TAD 121 CHC TAMD 121 C/D TID 121 FG TAMD 122 A, TD 122 F/GA/GH TD 122 FK/FR/FS/KE TD 122 F (USA)/FH/FL/ KHD	12000	F 89, N 12, CH 230, F 12-46, F 12-49, F 12-59, F 12-38 F 12 Intercooler CH 230 T Marinemotor L 180K, FS 10 F 12 GL Intercooler White GMC	G-VOL-051	6	1 2 3	130.18 130.18 130.18	3/32" 1/8" 3/16"	CR CRTF CHSL-B	SGI GCI GCI
			G-VOL-052		1 2 3	130.18 130.18 130.18	3/32" 1/8" 3/16"	CR CTF CHSL-B	SGI GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor TID 121 KG/P, LG/P, KP/B, LP/B	11979	Industrie- motor	G-VOL-053	6	1 2 3	130.18 130.18 130.18	3.50 1/8" 3/16"	CRFK CRTFIB CHSL-B	SGI GCI GCI
			G-VOL-054		1 2 3	130.18 130.18 130.18	3.50 1/8" 3/16"	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor TAMD 122 P	11980	Marinemotor	G-VOL-055	6	1 2 3	130.18 130.18 130.18	4.50 1/8" 3/16"	CRFK CRTFIB CHSL-B	SGI GCI GCI
			G-VOL-056		1 2 3	130.18 130.18 130.18	4.50 1/8" 3/16"	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor D 12 A, Euro 2 /USA D 12 A Euro 2	12100	FH 12 (EU) FH 12 (USA) FH 12	G-VOL-057	6	1 2 3	131.00 131.00 131.00	4.00 3.00 4.00	CRFKIB CTFIB CHSL-B	SGI GCI GCI
Dieselmotor TD 162 F/FL/FS	16120	F 16 Intercooler	G-VOL-058	6	1 2 3	144.00 144.00 144.00	3.00 3.50 5.00	CR CTFIB CHSL-B	SGI GCI GCI
Dieselmotor TAMD 162, TID 162 AG/AP TD 162 FL, TD 162, TD 162 AG, TD 163 ES, TXD 162	16120	Marinemotor F 16 Intercooler F 16- 34/40/43	G-VOL-059	6	1 2 3	144.00 144.00 144.00	4.00 3.50 5.00	CRFKIS CTFIB CHSL-B	SGI GCI GCI
Dieselmotor D 16 A	16100	FH 16	G-VOL-060	6	1 2 3	144.00 144.00 144.00	4.50 3.50 5.00	CRFKIS CTFIB CHSL-B	SGI GCI GCI



ZETOR



GRINDLAYS

PISTON RINGS

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Dieselmotor 2001	1560	2011, 2013, 2017, 2023, 2511	G-ZET-001	2	1 2 3	95.00 95.00 95.00	3.00 3.00 3.00	CR CTF N	GCI GCI GCI
Dieselmotor 3001	2340	3011, 3013, 3016, 3017, 3045		3	4	95.00	5.00	BPSL	GCI
Dieselmotor 4011	3120	4011, 4511		4					
Dieselmotor 5501	4680	5511, 5516, 5545, 5547, 5711, 5718, 5854, 5748		6					
Dieselmotor 2001	1560	Traktor 5511, 5516, 5545, 5547, 5711, 5718, 5845, 5748	G-ZET-002	2	1 2 3 4 5	95.00 95.00 95.00 95.00 95.00	3.00 3.00 3.00 5.00 5.00	CR CTF N BPSL SOR	GCI GCI GCI GCI GCI
Dieselmotor 3001	2340			3					
Dieselmotor 4001	3120			4					
Dieselmotor 5501	4680			6					
Dieselmotor 4701	2591	Traktor 4711, 4712, 4718, 5911, 5945, 6711, 6718, 6745, 6748, 6011, 6045	G-ZET-003	3	1 2 3 4	100.00 100.00 100.00 100.00	3.00 3.00 3.00 5.00	CR CTF CTF BPSL	GCI GCI GCI GCI
Dieselmotor 6201	3556			4					
Dieselmotor 6001	3456			4					
Dieselmotor 6701	3456			4					
Dieselmotor 4701	2591	Traktor 4711, 5945, 6718	G-ZET-004	3	1 2	100.00 100.00	3.00 3.00	CR CTF	GCI GCI
Dieselmotor 6701	3456			4	3 4 5	100.00 100.00 100.00	3.00 5.00 5.00	N CHSL-B SOR	GCI GCI GCI



GRINDLAYS

PISTON RINGS

Dieselmotor 5201, 4901	2696	5211, 5245, 4911, 4945	G-ZET-005	3	1	102.00	3.00	CR	GCI
Dieselmotor 7201, 6901	3595	7011, 7045, 6211, 6911, 6245, 6945, 7211, 7245		4	2	102.00	3.00	CTF	GCI
					3	102.00	3.00	CTF	GCI
					4	102.00	5.00	CHSL-B	GCI
Dieselmotor 5201	2696	5211, 5245	G-ZET-006	3	1	102.00	3.00	CR	GCI
Dieselmotor 7201	3595	7211, 7245		4	2	102.00	3.00	CTF	GCI
Dieselmotor 7701	3922	7711, 7745		4	3	102.00	5.00	CHSL-B	GCI
Dieselmotor	2075	25, 50	G-ZET-007	4	1	105.00	3.00	CRFK	SGI
Dieselmotor	4150			6	2	105.00	3.00	CIB	GCI
					3	105.00	5.00	CHSL-B	GCI
Dieselmotor GM 01	3421	8001, 8401	G-ZET-008	3	1	110.00	3.00	CR	GCI
Dieselmotor GZ 01, 8001	4562	8011, 8045		4	2	110.00	3.00	CTF	GCI
Dieselmotor 8601	6842	8611, 12011, 12045, 12145		6	3	110.00	3.00	N	GCI
					4	110.00	6.00	CHSL-B	GCI
Dieselmotor 8403			G-ZET-009	4	1	110.00	3.00	CRFK	SGI
Dieselmotor 8004				4	2	110.00	3.00	CTF	GCI
Dieselmotor 8703				6	3	110.00	4.00	CHSL-B	GCI
Dieselmotor 8604				6					
Dieselmotor 8401	4562	Traktor 10045, 16045	G-ZET-010	4	1	110.00	3.00	CR	GCI
Dieselmotor 8602	6842			6	2	110.00	3.00	CTF	GCI
					3	110.00	6.00	CHSL-B	GCI
Dieselmotor 8401	4562	Traktor 8111, 8145, 9111, 9145, 10111, 10145, 12111, 12145, 14145, 16145	G-ZET-011	4	1	110.00	3.00	CRFK	SGI
					2	110.00	3.00	CTF	GCI
					3	110.00	6.00	CHSL-B	GCI
Dieselmotor 8402	4562			4					
Dieselmotor 8602	6842			6					
Dieselmotor 8701	6842			6					



GRINDLAYS

PISTON RINGS



OPEL



GRIINDTECH

PISTON RINGS

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code / OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)			Specification / Ring Type	Material
					Position	D Ø (dia)	B (Thickness)		
Motor C 1.2 NZ X 1.2 SZ	1200	Corsa	G-OP-001	4	1	72.00	1.50	CRIB NTF TPOR	SGI / S GCI S
					2	72.00	1.50		
					3	72.00	3.00		
Motor 1.0 Motor 1.08	993	Kadett A/B/C/D	G-OP-002	4	1	72.00	2.00	CR CTF TPOR	GCI GCI S
					2	72.00	2.00		
					3	72.00	5.00		
Motor x 1.0 xe	973 1199	Corsa Astra	G-OP-003	3 4	1	72.50	1.20	CIB NTF TPOR	SGI / S GCI S
					2	72.50	1.50		
					3	72.50	2.00		
Motor Z 1.0 XEP Z 1.2 XEP Z 1.4 XEP	1000 1199 1389	Agila, Astra, Corsa	G-OP-004	3 4 4	1	73.40	1.20	C NTF TPOR	SGI / S GCI S
					2	73.40	1.20		
					3	73.40	2.00		
					4	73.40	2.00		
Motor 1.3 N C 1.3N, 1.3 S	1297	Ascona, Corsa, Kadett, Manta	G-OP-005	4	1	75.00	1.50	CRIB CTF TPOR	SGI / S GCI S
					2	75.00	1.50		
					3	75.00	4.00		
Motor 1.3	1297	Kadett, Ascona, Manta, Corsa 1.5 S	G-OP-006	4	1	75.00	1.75	CRIB NTF TPOR	SGI / S GCI S
					2	75.00	2.00		
					3	75.00	4.00		
Motor 1.1 N 1.1 S	1078	Kadett B Kadett	G-OP-007	4	1	75.00	2.00	CRIB NTF TPOR	SGI / S GCI S
					2	75.00	2.00		
					3	75.00	5.00		
Dieselmotor 4EC1 4EC1T X 15 DT	1488	Corsa	G-OP-008	4	1	76.00	2.00	CRIB CTF CHSL-B	SGI / S GCI GCI
					2	76.00	1.50		
					3	76.00	3.00		
Motor	1500	Kadett Daewoo Cielo	G-OP-009	4	1	76.50	1.50	CRIB NTF TOPR	SGI / S GCI S
					2	76.50	1.50		
					3	76.50	3.00		
Motor Z 14 XE	1389	Astra, Corsa	G-OP-010	4	1	77.60	1.20	C NTF TPOR	SGI / S GCI S
					2	77.60	1.50		
					3	77.60	2.00		



GRINDLAYSTECH

PISTON RINGS

Motor 1.2 S, 1.4 NVH, C 1.4 NZ, SZ, C 1.4 SE, X 1.4 XE, NC, NE, NZ	1196 1396 1389	Corsa, Kadett Vectra (Export), Corsa, Kadett, Astra Corsa, Tigra	G-OP-011	4 4 4	1 2 3	77.60 77.60 77.60	1.50 1.50 3.00	CRIB CTF TPOR	SGI / S GCI S
Motor 1.2 S	1196	Corsa Kadett	G-OP-012	4	1 2 3	77.80 77.80 77.80	1.50 1.50 4.00	CR CTF TPOR	SGI / S GCI S
Motor 12ST 19136602	1196	Corsa, Kadett	G-OP-013	4	1 2 3	77.80 77.80 77.80	1.75 2.00 4.00	CR NTF TPOR	SGI / S GCI S
Motor X 1.6 SZ X 1.6 SZR	1598	Astra, Vectra	G-OP-014	4	1 2 3	79.00 79.00 79.00	1.20 1.50 2.00	CR NTF TPOR	SGI / S GCI S
Motor Z 1.6 XEP	1598	Meriva	G-OP-015	4	1 2 3	79.00 79.00 79.00	1.20 1.20 2.00	CR NTF TPOR	SGI / S GCI S
Motor X 16, XEL 16V, X 16 XE-4V, X 16 XE	1598	Corsa, Tigra, Astra, Vectra	G-OP-016	4	1 2 3	79.00 79.00 79.00	1.20 1.50 2.50	CR NTF TPOR	SGI / S GCI S
Motor C 1.6 NZ, 1.6 LZ, 1.6 SE, SZ, SV, 1.6 SV	1598	Ascona, Kadett, Vectra, Astra, Kadett (KOR)	G-OP-017	4	1 2 3	79.00 79.00 79.00	1.20 1.50 3.00	CR NTF TPOR	SGI / S GCI S
Dieselmotor TC4EE1, X 1.7 DT	1700	Astra, Vectra	G-OP-018	4	1 2 3	79.00 79.00 79.00	2.00 1.50 3.00	CR NTF CHSL-B	SGI / S GCI GCI
Motor 1.2 S 1.2 NV, 1.2 N	1196	Ascona, Kadett, Manta, Corsa	G-OP-019	4	1 2 3	79.00 79.00 79.00	2.00 2.00 5.00	CR CTF TPOR	SGI / S GCI S
Motor 1.6 N 1.6 S	1598	Ascona, Kadett	G-OP-020	4	1 2 3	80.00 80.00 80.00	1.50 1.75 4.00	CRIB CTF TPOR	SGI / S GCI S



GRINDLAYSTECH

PISTON RINGS

Dieselmotor 1.6 L DA	1598	Kadett D Kadett E Ascona	G-OP-021	4	1 2 3	80.00 80.00 80.00	2.00 2.00 3.00	CR CTF CHSL-B	SGI / S GCI GCI
Dieselmotor X 25 TD	2497	Omega TD	G-OP-022	6	1 2 3	80.00 80.00 80.00	3.00 1.75 3.00	CRFK C-RTFIS CHSL-B	SGI GCI GCI
Motor Motor X 18 XE-1	1800 1796	Astra, Vectra Astra, Vectra, Zafira	G-OP-023	4 4	1 2 3	80.50 80.50 80.50	1.20 1.20 2.00	CRIB NTF TPOR	SGI / S GCI S
Motor Motor	1800 2400	Vectra, Calibra	G-OP-024	4 6	1 2 3	81.60 81.60 81.60	1.50 1.50 3.00	CRIB NTF TPOR	SGI / S GCI S
Dieselmotor X 1.7 DR, 1.7 YD, X 1.7 DTL	1700	Kadett, Vectra, Astra	G-OP-025	4	1 2 3	82.50 82.50 82.50	2.00 2.00 3.00	CR CTF CHSL-B	SGI / S GCI GCI
Motor Y 26 SE	2597	Omega	G-OP-026	6	1 2 3	83.20 83.20 83.20	1.20 1.50 3.00	C NTF TPOR	SGI / S GCI S
Dieselmotor X 20 DTL	1998	Vectra	G-OP-027	4	1 2 3	84.00 84.00 84.00	2.00 1.75 3.00	CRIB CTF CHSL-B	SGI / S GCI GCI
Dieselmotor X 2.0 DTH	1998	Vectra, Omega	G-OP-028	4	1 2 3	84.00 84.00 84.00	2.50 1.75 3.00	CRFK CTF CHSL-B	SGI GCI GCI
Dieselmotor Y 2.0 DTH Dieselmotor Y 2.2 DTH Y 2.0 DTH Y 2.2 DTH	1995 2172	Astra 2.0 STI + 2.2 DTI, Vectra 2.0 DTI + 2.2 DTI, Vectra, Zafira	G-OP-029	4 4	1 2 3	84.00 84.00 84.00	1.75 1.75 3.00	CRIB NTF BPSL	SGI / S GCI S
Motor 1.8 S, 1.8 NZ, 1.8 NV, EC 1.8 NV, S 1.8 NV, 1.8 E, C 1.8 S, SV	1796	Ascona, Manta, Omega, Kadett, Vectra, Astra, GSI	G-OP-030	4	1 2 3	84.80 84.80 84.80	1.50 1.50 3.00	CRIB NTF TPOR	SGI / S GCI S



PISTON RINGS

Motor 1.8 N/NH 1.8 S	1795	Ascona, Rekord, Manta, Omega, Vectra, Astra	G-OP-031	4	1 2 3	84.80 84.80 84.80	1.50 1.75 4.00	CRIB CTF TPOR	SGI / S GCI S
Motor C 1.8 NV 1.8 E	1796	Ascona Kadett, Rekord, Ascona		4					
Motor 1.6 LTR	1584	Ascona, Kadett, Manta	G-OP-032	4	1 2 3	85.00 85.00 85.00	2.00 2.00 5.00	CR CTF TPOR	GCI GCI S
Motor 2.0 SE, 2.0 E, C 2.0 E, C 2.0 SE, C 2.0 XE-4V, 2.0 NE, C 2.0 NZ, 2.0 4V, C 2.0-LET, C 2.0 XEV- 4V, X 2.0 XEV Motor X 30 XE	1998 2962	Kadett GSi, Omega, Calibra, Kadett, Vectra, Astra, Frontera, Calibra Turbo 4X4 Omega 3.0 V6, Elegance	G-OP-033	4 V6	1 2 3	86.00 86.00 86.00	1.50 1.50 3.00	CRIB NTF TPOR	SGI / S GCI S
Motor Y 2.0 LET Motor Z 2.0 LET Z 2.0 SE	1998 2198	 Astra, Zafira, Speedster, Frontera	G-OP-034	4	1 2 3	86.00 86.00 86.00	1.20 1.50 2.50	C NTF TPOR	SGI / S GCI S
Dieselmotor 1998 cm3	1998	Ascona D. Rekord D	G-OP-035	4	1 2 3	86.50 86.50 86.50	2.00 2.00 4.00	CR NTF CHSL-B	SGI / S GCI GCI
Motor 2.5 S/E	2490	Blitz K 300/ 330/2276/L 375, Commodore GS, Senator, Commodore GS/E	G-OP-036	6	1 2 3	87.00 87.00 87.00	2.00 2.00 5.00	CR CTFIB TPOR	SGI / S GCI S
Motor Y 3.2 SE	3175	Omega	G-OP-037	6	1 2 3	87.50 87.50 87.50	1.20 1.50 2.50	C NTF TPOR	SGI / S GCI S



GRINDLAYS

PISTON RINGS

Dieselmotor	2100	Rekord, Blitz	G-OP-038	4	1 2 3 4	88.00 88.00 88.00 88.00	2.00 2.00 2.00 5.00	CR CTF NTF DB-SOR	SGI / S GCI GCI GCI
Dieselmotor 2.1 LD	2068	Rekord D, Blitz D	G-OP-039	4	1 2 3	88.00 88.00 88.00	2.00 2.00 4.00	CR NTF CHSL-B	SGI / S GCI GCI
Motor 1.7 S/L	1698	Kadett, Rekord	G-OP-040	4	1 2 3	88.00 88.00 88.00	2.00 2.00 5.00	CR CTF TPOR	SGI / S GCI S
Motor	2600	Omega, Senator	G-OP-041	6	1 2 3	88.80 88.80 88.80	1.50 1.50 3.00	CR NTF TPOR	SGI / S GCI S
Dieselmotor 2.3 TD	2260	Rekord D, Omega D	G-OP-042	4	1 2 3	92.00 92.00 92.00	2.00 2.00 4.00	CRIB NTF CHSL-B	SGI / S GCI GCI
Motor 2.8 S/SE 2.8 S/E	2784	Admiral, Com-modore, Kapitan, Monza, Senator	G-OP-043	6	1 2 3	92.00 92.00 92.00	2.00 2.00 5.00	CRIB CTF TPOR	SGI / S GCI S
Dieselmotor 2.3 TD, 2.3 YTD, 2.3 DTR	2260	Rekord TD, Senator TD, Omega TD, Fromtera TD	G-OP-044	4	1 2 3	92.00 92.00 92.00	2.50 2.00 4.00	CRFK NTF CHSL-B	SGI GCI GCI
Motor 1.9 S	1897	Ascona Kadett, Rekord, Manta, Rekord Sprint	G-OP-045	4	1 2 3	93.00 93.00 93.00	2.00 2.00 5.00	CR CTF TPOR	SGI / S GCI S
Motor C 2.4 NE Motor C 3.0 SE-4V	2410 2969	Omega Frontera Omega, Senator	G-OP-046	4 6	1 2 3	95.00 95.00 95.00	1.50 1.50 3.00	CRIB CTF TPOR	SGI / S GCI S
Motor 2.2E	2197	Monza, Rekord, Senator	G-OP-047	4	1 2 3	95.00 95.00 95.00	1.75 1.50 3.50	CRIB CTF BPSL	SGI GCI GCI
Motor 2000 N, 2000 S/S/E, 2000 S,	1979	Ascona, Manta, Rekord, Kadett,	G-OP-048	4	1 2 3	95.00 95.00 95.00	2.00 2.00 4.00	CR NIB TPOR	SGI / S GCI S



GRINDLAYS

PISTON RINGS

2.0 S, Motor 3.0 NE, 3.0 E C 3.0 NE Motor C 3.0 LE, 3.0 NE,	2969 2968	Monza, Senator, Kadett E, Ascona E, Manta E, Rekord E, Senator E, Monza E Monza, Senator, Omruga Senator, Omruga		6 6					
Motor 2000 N, 2000 S/S/E, 2000 S, 2.0 S, Motor 3.0 NE, 3.0 E C 3.0 NE Motor C 3.0 LE, 3.0 NE,	1979 2969 2968	Ascona, Manta, Rekord, Kadett, Monza, Senator, Kadett E, Ascona E, Manta E, Rekord E, Senator E, Monza E Monza, Senator, Omruga Senator, Omruga	G-OP-049	4 6 6	1 2 3	95.00 95.00 95.00	2.00 2.00 4.00	CR NIB BPSL	SGI / S GCI GCI



RENAULT

Engine Type / Model Type	C.C.	Vehicle Model / Chassis Type	Grindlays Product Code /OEM Series No.	No. of Cyl. / Set	Piston Ring Size (mm)	Specification / Ring Type	Material
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GRIIND TECH

PISTON RINGS

					Position	D Ø	B 		
						(dia)	(Thickness)		
Motor 800/.01/.02/A 7 800/10	845	R 4, R 6/850, R 1123, R 2106, R 5, R 1221	G-REN-001	4	1 2 3	58.00 58.00 58.00	1.75 2.00 3.50	CRIB NTF BSPL	GCI GCI GCI
Motor 689/10	956	R 5, R 1222, R 2382, R 5 (I)	G-REN-002	4	1 2 3	65.00 65.00 65.00	1.75 2.00 3.50	CRIB N BSPL	GCI GCI GCI
Motor 850-99	1037		G-REN-003	4	1 2 3	67.70 67.70 67.70	1.75 2.00 3.50	CRIB CTF TPOR	SGI GCI S
Motor D7F	1149	Clio, Twingo	G-REN-004	4	1 2 3	69.00 69.00 69.00	1.50 1.50 2.50	CRIB CTF TPOR	SGI / S GCI S
Motor 688/01/02/03/ 10/11/12/C 7/ C 1 E	1108	R 4, R 5, R 6. R 8, R 9,R 10 R 11, R 1132 R 1136, R 1181, R 2132, R 2134, R 2370, R 2420, R 2430,T 800	G-REN-005	4	1 2 3	70.00 70.00 70.00	1.75 2.00 3.50	CRIB N TPOR	SGI / S GCI S
Motor	1108	R 6, R 8,R 10 Estafette, Caravelle	G-REN-006	4	1 2 3	70.00 70.00 70.00	2.00 2.00 3.50	CRIB N TPOR	GCI GCI S
Motor	1237	R 5, R 9, R 11	G-REN-007	4	1 2 3	71.50 71.50 71.50	1.75 2.00 4.00	CRIB CTF TPOR	SGI / S GCI S

Motor 810/01/01/03/ 10/C 7/F 7 810/05/06/25/ 26/B 7	1289	R 5, R 6,R 10 R 12, R 1192 R 1170, R 1171, R 1337, R 2126, R 2136, R 2137, R 15, R 1224	G-REN-008	4	1 2 3	73.00 73.00 73.00	1.75 2.00 4.00	CR CTF BPSL	SGI / S GCI GCI
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		R 1330, R 1337 Dacia							
Motor 810/01/01/03/ 10/C 7/F 7 810/05/06/25/ 26/B 7	1289	R 5, R 6, R 10 R 12, R 1192 R 1170, R 1171, R 1337, R 2126, R 2136, R 2137, R 15, R 1224 R 1330, R 1337 Dacia	G-REN-009	4	1 2 3	73.00 73.00 73.00	1.75 2.00 4.00	CR N TPOR	SGI / S GCI S
Motor C 3 G	1239	Twingo	G-REN-010	4	1 2 3	74.00 74.00 74.00	1.50 1.75 3.00	CRIB NTF TPOR	SGI / S GCI S
Motor 129 A 7.00, XV 6 B	1218	R 14, R 1210 R 1212, R 1170, R 1330	G-REN-011	4	1 2 3	75.00 75.00 75.00	1.75 2.00 4.00	CRIB NTF TPOR	SGI / S GCI S
Motor 150 A 700	1360	R 14		4					
Motor E 6 J, R 7 J, E 7 J Motor E 5 F, E 7 F 708	1390 1171	R 19, Clio 1.4 Kangoo Clio	G-REN-012	4 4	1 2 3	75.80 75.80 75.80	1.50 1.75 3.00	CRIB CTF TPOR	SGI / S GCI S
Dieselmotor K9K TD K9K TDi	1461	Clio dCi	G-REN-013	4	1 2 3	76.00 76.00 76.00	2.00 2.00 2.50	CR NTF BPSL	SGI / S GCI S

Motor 697.01 Motor 847.20/21 C 1 J.J. 15, C 2 J.L. 17, C 2 J.N. 18, C 3 JA.710,	1470 1397	R 16, R 1150 R 18, Fuego, T 550/800/1000 R 5, R 9, R 12, R 11, R 19,	G-REN-014	4 4	1 2 3	76.00 76.00 76.00	1.75 2.00 4.00	CRIB NTF TPOR	SGI / S GCI S
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C 3 J 720/760, C 16, 840.26		R 5 Alpine Turbo							
Motor R 821.01/02/03/ 04 807.01/02/03/ 04/05/06, 821.02, 807/12/20	1565	R 16, R 1152 R 1153, R 1151, R 1154, R 12, R 17, R 1313, R 1323, R 1173	G-REN-014	4	1 2 3	77.00 77.00 77.00	1.75 2.00 4.00	CRIB N BPSL	SGI / S GCI GCI
Dieselmotor F 8 M – A700 F 8 M-D 720/730	1596	R 5, R 9, R 11, Express, R 5/R 9/R 11/ TD, Express	G-REN-015	4	1 2 3	78.00 78.00 78.00	2.00 2.00 3.00	CR CTF CHSL-B	SGI / S GCI GCI
Motor 843.01, 843.05, 843.20/21, 841.25/26/ C 7/D 7	1647	R 16, Alpine A 310, R 12 (USA), R 17, R 20, R 18, Fuego, R 135, P 1000	G-REN-016	4	1 2 3	79.00 79.00 79.00	1.75 2.00 4.00	CRIB CTF TPOR	SGI / S GCI S
Motor	1390	Megane 1.3 16V Scenic 1.4 16V	G-REN-017	4	1 2 3	79.50 79.50 79.50	1.20 1.50 2.50	C NTF TPOR	SGI / S GCI S
Motor K7M	1598	Megane 1600	G-REN-018	4	1 2 3	79.50 79.50 79.50	1.50 1.50 2.50	CRIB NTF TPOR	SGI / S GCI S
Dieselmotor F9Q	1870	Laguna 1.9 d/ 1.9 dCi, Megana Kangoo	G-REN-019	4	1 2 3	80.00 80.00 80.00	2.50 2.00 3.00	CR CTFIB CHSL-B	SGI GCI GCI
Dieselmotor F 8 Q 732, F 8 Q 742.C7	1870	R 19, R 21, Clio, Kangoo	G-REN-020	4	1 2 3	80.00 80.00 80.00	2.00 2.00 3.00	CR CTF CHSL-B	SGI / S GCI GCI
Dieselmotor F 8 QT- 610/740/768/ 784/785 F 8 QT 768/610/784/	1870	R 19 Megane R 19 Turbo Diesel Megane	G-REN-021	4	1 2 3	80.00 80.00 80.00	2.50 2.00 3.00	CRFK CTF CHAL-B	SGI GCI GCI

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785									
Motor F 2 NC 710, F 2 N-A 700/704, F 2 N 700, F 2 N-E 708, F 3 N – 746, F 3 N, F 2 N-C 710 F 2N C 710/732/742/ 753, F 3N C 722, F 2N 752, F 2N 742, F 3N 702	1721	R 9, R 11, R 21, R 19, R 21R 5/9/11 R 5, R 21 (USA)	G-REN-022	4	1 2 3	81.00 81.00 81.00	1.75 2.00 3.00	CRIB CTF TPOR	SGI / S GCI S
Motor F 7 P	1794	R 19, Clio	G-REN-023	4	1 2 3	82.00 82.00 82.00	1.50 1.50 3.00	CRIB CTF TPOR	SGI / S GCI S
Motor F 2 R	1995	R 21	G-REN-024	4	1 2 3	82.00 82.00 82.00	1.75 2.00 3.00	CRIB N TPOR	SGI / S GCI S
Motor F 3 P – 678 Motor F 3 R – 722 Motor F 3 P -710	1784 1998 1794	Clio, R 19, Laguna Laguna 2.0 Clio, R 19, Laguna	G-REN-025	4 4 4	1 2 3	82.70 82.70 82.70	1.50 1.75 3.00	CRIB CTF TPOR	SGI / S GCI S
Motor F7R-700	1998	Clio Williams	G-REN-026	4	1 2 3	82.70 82.70 82.70	1.20 1.50 2.50	CIB NTF TPOR	GCI GCI S
Motor N7Q-700/704	1948	Laguna RT, RXE, Rti, Safrane 16v	G-REN-027	4	1 2 3	83.00 83.00 83.00	1.20 1.50 2.50	CIB NTF TPOR	SGI / S GCI S
Motor N 7 U	2435	Safrane	G-REN-028	5	1 2 3	83.00 83.00 83.00	1.20 1.75 3.00	CIB NTF TPOR	SGI / S GCI GCI
Dieselmotor 852 A 700, 852 B, 710,	2068	R 18, R 20, R 21, R 1344 R 1354,	G-REN-029	4	1 2 3	86.00 86.00 86.00	2.00 2.00 4.00	CR CTF CHSL-B	SGI / S GCI GCI



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852.720/750, J 8 S 330, J 8 S 704		R 2354, R 1275, Trafic P/T 313, P 323, T 423, PA 32, PA 93 T 800 D, P/T 1000 D, P/T 1200 D, P 1400 D, Master Nevada							
Dieselmotor J 8 S	2068	R 25	G-REN-030	4	1 2 3	86.00 86.00 86.00	2.25 2.00 3.00	CRIB CTF CHSL-B	SGI GCI GCI
Dieselmotor J 8 S	2068	R 25	G-REN-030	4	1 2 3	86.00 86.00 86.00	2.50 2.50 3.00	CRFK NTF CHSL-B	SGI GCI GCI
Dieselmotor J 8 S 708/712/714	2068	R 18 TD, R 20 TD, R 21 TD, R 25 TD, R 30 TD, Fuego TD, Espace TD Nevada	G-REN-031	4	1 2 3	86.00 86.00 86.00	2.50 2.50 4.00	CRFK NTF CHSL-B	SGI GCI GCI
Dieselmotor G 8 T	2188	Laguna	G-REN-032	4	1 2 3	87.00 87.00 87.00	2.50 1.75 2.50	CRIB CTFIB BPSL	SGI GCI S
Dieselmotor G 8 T	2188	Laguna	G-REN-033	4	1 2 3	87.00 87.00 87.00	3.50 1.75 2.50	CRFK CTFIB BPSL	SGI GCI S
Motor L7X	2946	Laguna, Safrane, Espace	G-REN-034	6	1 2 3	87.00 87.00 87.00	1.50 1.50 3.00	CRIB NTF TPOR	SGI / S GCI S
Dieselmotor G8T, 1/99..	2188	Laguna, Safrane, Espace	G-REN-035	4	1 2 3	87.00 87.00 87.00	3.00 1.75 2.50	CRIB NTF BPSL	SGI / S GCI S
Motor J 7 R 720, J 7 R 740, J 7 R 754 Motor	1995 2165	R 21, R 25, Safrane Safrane	G-REN-036	4 4	1 2 3	88.00 88.00 88.00	1.50 1.75 3.00	CRIB NTF TPOR	SGI / S GCI S



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J 7 T 760									
Motor 140.04, 144, 144.01	2664	R 25, R 30,	G-REN-037	V6	1 2 3	88.00 88.00 88.00	1.50 2.00 4.00	CRIB CTFIB TPOR	SGI / S GCI S
Motor J 7 T, J 7 T 780, ZDJK, J 7 T, J 7 TV, J 7 R, J 7 T 770 Motor 829 E 7, J 5R A 7, 829.00/01/ 702, J 6 R	2165 1995	R 25 GTX, Trafic Master, R 20, R 21, Espace Trafic P 862, Minicar, P 1200, R 18, P 1400, R 20, Fuego, R1363 R 135 300, R 25, Espace	G-REN-038	4 4	1 2 3	88.00 88.00 88.00	1.75 2.00 4.00	CRIB CTFIB TPOR	SGI / S GCI S
Motor Z 6 W-A 700 Z 7 W-B 700	2849	Alpine GTA, R 25, Espace	G-REN-039	V6	1 2 3	91.00 91.00 91.00	1.50 2.00 4.00	CRIB CTFIB CHSL-B	SGI / S GCI GCI
Motor Z 7 U Motor Z 7 W	2500 2800	R 25, R 30, Espace RXE	G-REN-040	6 6	1 2 3	91.00 91.00 91.00	1.75 2.00 4.00	CRIB CTFIB CHSL-B	SGI / S GCI GCI
Motor Z 7 X	2900	Safrane	G-REN-041	6	1 2 3	93.00 93.00 93.00	1.50 1.75 3.50	CRIB NTF TPOR	SGI / S GCI S

Dieselmotor 8140.21, 8144.21 Dieselmotor 8140.47.270, S 9U 714, 8140.47.2700 S 9U 714, 8140.07.2700 8140.07.3700 N/A Euro 1, 8140.27.2700	2445 2499	Master, B90 3.5t, Master, B90-35 D	G-REN-042	4 4	1 2 3	93.00 93.00 93.00	3.00 2.00 3.00	CRFK CTF CHSL-B	SGI GCI GCI
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Dieselmotor S 8 W, 732/742, 8140.67.2500 S 8750/753	2499	Master	G-REN-043	4	1 2 3	93.00 93.00 93.00	3.00 2.00 3.00	CR NIB CHSL-B	SGI / S GCI GCI
Dieselmotor S 8 U 730/731, S 8720/722, 8140-58 U/ -68 U	2445	Master T 30D P 30 D, T 35 D, P 35 D, T/P 350, T 1400 D, P/T 1800	G-REN-044	4	1 2 3	93.00 93.00 93.00	3.00 2.00 3.00	CR N CHSL-B	SGI / S GCI GCI