

SCANIA

Spare parts for trucks

Qualität – made by
dph Germany



Dichtungspartner Hamburg

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- Attractive pricing policy



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Despite this, we still think it is necessary to check the finished products thoroughly once more within our group according to DIN/ISO 9001. Our high-grade measuring instruments are checking the radial force of oil seals, the tensile strength of elastomers, the compression set and the surface quality by means of computer-based cameras and many more. The results of the checks are registered and filed. It is good to have confidence but qualification is better!

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DS9 6Zyl	95100	Cylinder liner sealing ring kit	16

Engine gaskets and gasket sets


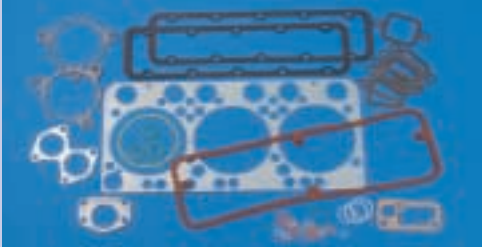



Cylinder head gasket

dph-no.	OEM-no.	application
36494	387 503 346 216 291 159 1 403 258	DN9, DS9, DSC9 6 cyl. from 1984 G, P82, F, G P, R, T92/93, K93
93725 69228 69286	372 472/ 373 472/ 346 143	D11, DS11 – 6 cyl. 1975.1979 L, LB, LS, LT, LBS, LBT111 DN11 up to motor 5258563 from 1980, 6 cyl., G, B, R, T112 DS11 up to motor 5307928SSS from 1980, 6 cyl., G, B, R, T112/113 DSC11 up to motor 40701045N from 1980, G, B, R, T112/113
70438	1 313 459 1 403 587	D14, DS14, DSC14 8 cyl. up to 1979 L, LB, LS, LBS140/141, LBT141 LT146, B, CR145 from 1980 DS14, DSC14 R, T142/143
104473	1 444 941/ 1 403 260 1 377 039	DSC12 application Scania 124 up to engine 6119599

Cylinder head gasket set

dph-no.	OEM-no.	application
95825	551 484	DN9, DS9, DSC9 6 cyl. Dia 115 1984- G82, P82, G92, P92, R92, T92, P92HK, F92 H, K92, G93, P93, P93HK, P93MK, R93, T93, T93HK, F93 H, K93

Cylinder head gasket set

dph-no.	OEM-no.	application
95824	551 513	 <p>D11, DS11 1975-1979 6 cylinder L, LB, LS, LT, LS, LBT111 DN11 from 1980 up to motor 5258563, G, P, R, T112 DS11 6 cylinder from 1980 up to motor 5307928SSS, G, P, R, T112 DSC11 6 cylinder from 1980 up to motor 40701045N, G, P, R, T112</p>
82872	551 512	 <p>DS11, DSC11 Mot. 5307929 SSS, Mot. 4070105 SN, 6 cyl. Dia 127 P113, P113 HK, R113, R113 HK, T113, K113 CLB, K113 CLP, K113, TLB, K113 TLP</p>
82868	551 469	 <p>DS14, 8 cyl. Dia 127 1975 – 1979 L, LS, LB, LBS140, L, LS141, LB, LBS, LBT141, LT146 D14, CR, BR145 DS14, DSC14, 1980-, 8 cyl. Dia 127 R142 1981-1988, T142 1980-1988 R143 1988-, R143 HK1990-, T143 1988-</p>
104472	551 350	 <p>DSC12 application Scania 124 up to engine 6119599</p>
111587 111284	550 469 551 363	 <p>DC 11 DC 12 DSC 12 DT 12</p>

Full set

dph-no.	OEM-no.	application
111287	551 356	DC 11 up to engine 6119599 8004779
111286	551 386	DC 11 up to engine 6119599 8004779
111410	551 519	DS11, DSC11 up to engine 5307929 until year 12/1987
111547	551 570	

Cylinder liner sealing ring kit

dph-no.	OEM-no.	application
94523	CLS662S	<p>DS8, D8, Contents: 3x 323 662 installation paste 6 cylinder dia. 115, 1975- L, LS, LB80, LBS85, LB80H, L, LB81, L, LS, LB LBS86</p> <p>DN8, DS8, DS18 6 cylinder dia. 115, G82, P82 1981-, T82 1980-</p>
48191	CLS827S	<p>DN9, DS9, DSC9 Contents: 2 o-rings 323 662 1 sealing ring 1302827 installation paste</p>
95100	DS9 6Zyl	<p>DS9, DN9, DSC9 Contents: 6x1 302 827 12x 323 662 6 cylinder dia. 115 1984- G82, P82, G92, P92, R92, T92, P92HK, F92H, K92, G93, P93, P93HK, P93MK, R93, T93, T93HK, F93H, K93</p>
50827	CLS828S	<p>DN11, DS11, DSC11, DS11, DTC11 Late version with 2 o-rings and 1 sealing ring</p> <p>D14, DS14, DSC14, DS14 Contents: 2 o-rings 1312934 1 sealing ring 1302828 installation paste</p>
94742	127mm	DS11
111269	1 312 934	D11, DS11, DS14
50826		DS 11

Cylinder liner sealing ring kit

dph-no.	OEM-no.	application
95842		DS 8 
61340	CLS934S	D11, DN11, DS11, DSC11, DSI11, DTC11 Early version with 3 o-rings Contents: 3 o-rings 1312934 installation paste 
95099	DS14 8Zyl	DS14 Contents: 16x 1 312 934, 8x 1 302 828, 8 cylinder/dia 127, 1975-1979 L, LS, LB, LBS140, L, LS141, LB, LBS, LBT141, LT146 D14, CR, BR145 DS14/DSC14 8 cylinder/dia 127, 1981-1988 R142, 1980-1988 T142, 1988- R143, 1990- R143 HK, 1988- T143 
98210	DS11/DSC11	DS11/DSC11 Contents: 3x 1 312 934 1x 148,10x153,7x 0,3 FL 

Cylinder liner sealing ring

dph-no.	OEM-no.	application
4212 32970	1 312 934/ 323 641/ 177 587	D11, DS11, DS14 Size: 140x4 green FPM 
36769 36090	1 302 828 (170 951) 342 989	D 14, DS 14, DSC 14 DS 11 DSC 11 8 pcs.required 
32971	323 662 323 661	Size: 128x4 green FPM D 8 DS 8 DS 9 DSC 9 DSI 8 18 pcs.required 







Gasket set complete engine overhaul incl. cylinder liner rings

dph-no.	OEM-no.	application
95242	551 459 551 516	 <p>DN11 up to motor 5258563 DS11 up to motor 5307928SSS DSC11 up to motor 4070105SN 6 cylinder, from 1980 G, P, R, T112</p>
95241	551 449	 <p>DN9, DS9, DSC9 6 cylinder, from 1984 G, P, 82 F, G, P, R, T92/93, K93</p>
82869	551 470	 <p>DS14, DSC14 8 cylinder, from 1980 R, T142/143</p>
97486	551 430	 <p>D11, DS11 6 cyl. Dia 127 1975-1979 L, LB, LS, LT, LBS, LBT111</p>
111410	551 519	 <p>DS11 DSC11 from engine 5307929 until year 12/1987</p>

Valve cover gasket

dph-no.	OEM-no.	application
61109	258 459-7 131 039	 <p>D11, DS11 6 cyl. Dia 127, 1974 L, LS, LT, LB, LBS110 1975-1979 L, LS, LT111, LB, LBS, LBT111 DN11, DS11, DSC11 up to motor 5258563 DS, DSC11 up to motor 5307928 SSS, G112, P112 1980-1987 R112 1981-, T112 1980- -1973 L76, L, LS, LB, LBS110</p>
94530 32906	1 305 959/ 170 610	 <p>D14, DS14, DSC14, DS14</p>

Valve cover gasket

dph-no.	OEM-no.		application
80777 22995	378 299/ 344 426		DN9, DS9, DSC9 6 cylinder dia 115
70476	258 458 131 571		DN8, DS8, DSI8, D8 6 cylinder dia 115
70504	371 483		
104470	1 367 027		DSC12 Diesel Lower gasket up to engine 6119599
104471	1 367 028		DSC12 Diesel Upper gasket up to engine 6119599
110342	1 401 984		DSC 12 Upper gasket up to engine 6119599

Valve cover gasket

dph-no.	OEM-no.	application
109728	1 411 851	Upper gasket DC11 DC12 DT12
109729	1 414 422	Upper gasket DSC12
109730	1 476 506 1 401 982	Lower gasket DC11 DC12 DSC12 DT12

Oil pan gasket

dph-no.	OEM-no.	application
68593 80016	371 503/ 215 242-9	DN11, DS11, DSC11, D11, DS11
68592	371 505/ 170 700-9 1 459 004	DS14, DSC14
70494	366 539 1 412 666	DN9, DS9, DSC9
111447	1 460 359	DC11 DC12 DSC12 DT12

Oil pan gasket kit

dph-no.	OEM-no.	application
96430	551 446	D8, DS8, DN8, DS18 6 cylinder dia 115
97485	551 466	D11, DS11, DSC11
82873	551 451	DN9, DS9, DSC9

Manifold gasket

dph-no.	OEM-no.	application
70519	371 510	D14, DS14, DSC14 L, LB, LS, LBS14/141 LBT141, LT146, BR, CR145 R, T142/143
70503	369 276	DS14 L, LS, LB, LBS140, L, LS141, LB, LBS, LBT141, LT146 D14 CR, BR145 1975-1979, 8 cylinder, 14190 ccm Exhaust manifold 8 pcs required
70489	364 791	DN9, DS9, DSC9 G, P82 F, G, P, R, T92/93, K93 G, P82 F, G, P, R, T, 92/93, K93
70490	364 792	DN9, DS9, DSC9 G, P82 F, G, P, R, T92/93, K93 G, P82 F,G,P,R,T, 92/93, K93

Manifold gasket

dph-no.	OEM-no.	application
70496	366 547	<p>DN9, DS9, DSC9 G, P82 F, G, P, R, T92/93, K93 G, P82 F, G, P, R, T, 92/93, K93 INTAKE</p>
70435	1 301 628	<p>DS11, DSC11 6 cylinder from 1980 from motor 5307929SSS from motor 4070105SN K, P, R, T113</p>
70436	1 301 629	<p>DS11, DSC11 6 cylinder from 1980 from motor 5307929SSS from motor 4070105SN K, P, R, T113</p>
70434	1 109 288 318 415	<p>1,4 mm thickness application: right T113, R113 DS 11, DSC 11 from engine 5307929 EXHAUST</p>
97659	385 997/ 277 272	<p>D11, DN 11 DN 8 DS 11 EXHAUST</p>
95844 70479	385 998/ 277 273	<p>DS-DS11, DN11, DSC11 6 cylinder, L76, L, LB, LS, LBS110, up to year –1974 L, LB, LS, LT, LBS, LBT111 year 1975-1979, G, P, R, T112 up to motor 5258563 – DN11 up to motor 5307928SSS – DS11 up to motor 4070104SN – DSC11 from year 1980 EXHAUST</p>
68534	393 820 1 384 552	<p>INTAKE DN-DS-DS11</p>


Manifold gasket

dph-no.	OEM-no.	application
68531	357 363	INTAKE DN-DS-DSC11
70521	378 264	DS11, 6 cylinder DS11: from motor: 5307929SSS DSC11: from motor: 4070105SN K, P, R, T113, year 1980- EXHAUST
70515	371 499	
111568	1 516 474 1 516 145 1 404 306 1 374 340 1 374 338	INTAKE DC 11 DC 12 DSC 12 DT 12

Gasket flywheel/gear housing

dph-no.	OEM-no.	application
70506	371 487	Fly wheel housing; T112/113, G-P-R112; P-R113
70432	1 101 276	Gear housing DN-DS DSI-DSC11
70524	385 022	Gear housing DN-DS-DSI-DSC11

Gaskets flywheel/gear housing

dph-no.	OEM-no.	application
70505	371 486/ 1 388 683	

Oil seal – engine



dph-no.	OEM-no.	application
70457	170 761	Size: 25x47x10 NBR A blue L, LS, LT, LB, LBS, LBT140/141; T142/143; R142 (M, H, E)/143
82871	1 109 869	Size: 30x47x10/7 ACM ASW WD DS14, DSC14, DSC14
95648	378 480	Size: 70x85x8 NBR BS WD blue
82323	132 672	Size: 35x58x10 NBR A D10, D11, DS11 L75, L76LS, LKS101
84537	310 951/ 1 109 870	Size: 35x62x7 ACM ASW F WD injection pump K-92/112 N-112, P-82/92/93/112/113 R-92/112/113/142/143, T-82/92/112/142
70547	837 613	Size: 22x32x8 NBR AS

Oil seal – engine

dph-no.	OEM-no.	application
95457	1 345 278	Size: 44,45x60x7 BS SP NBR blue
95458	1 349 089	Size: 38,1x50x6,8 NBR AS W SP blue
70450	139 023	Size: 30x47x10 NBR A D10, D11, DS11 8 cyl.: LK, LKS, LKT141 Water pump
70451	14 107	Size: 50x70x10 NBR A
70455	170 226	Size: 42x72x8 ACM AS WD D10, D11, DS11 8 cyl.: R142, LK, LKS, LKT141
70465	192 600	Size: 25x35x7 AS NBR blue D10, D11, DS11 8 cyl R112 (112M, H, E), T112 (112M/H/E) Injection pump
95850	210 648	Size: 17x28x7 NBR AS
81457	202 288	Size: 42x62x6 AS W blue
84543	280 759	Size: 30x42x6/6,8 BABSL WD NBR blue DN11, DS11, DSC11 6L: G112, P112, R112, T112 `80-> DS9 6L: G93, P93, R93 4x2; 6x2, 6x4 `86-> DS11, DSC11: K113 CLB Bus `91-> DS14 V8: L141, LB141, LS141; LBS141, LBT141, R142, T142 `80->, R143LR4x2; 6x2-6x2/4; 8x2, 8x4 `88-> DS11, DSC11 6L: P113, R113 4x2, 6x2, 6x4 `88-> Injection pump

● Washer – engine



dph-no.	OEM-no.	application
70460 70534	178 562 812 412	Size: 10x13,5x1 CU
70463	182 524	Size: 24x29x2 CU
70466 70482	192 633 303 098	Size: 14x20x1,5 CU
70464	192 081	Size: 12x15,5x1,5 ALU
70467 70537	192 651 812 415	Size: 16x20x1,5 CU
70468	192 820-9	Size: 6x10x1 CU
70469	204 466	Size: 10x14x1 CU

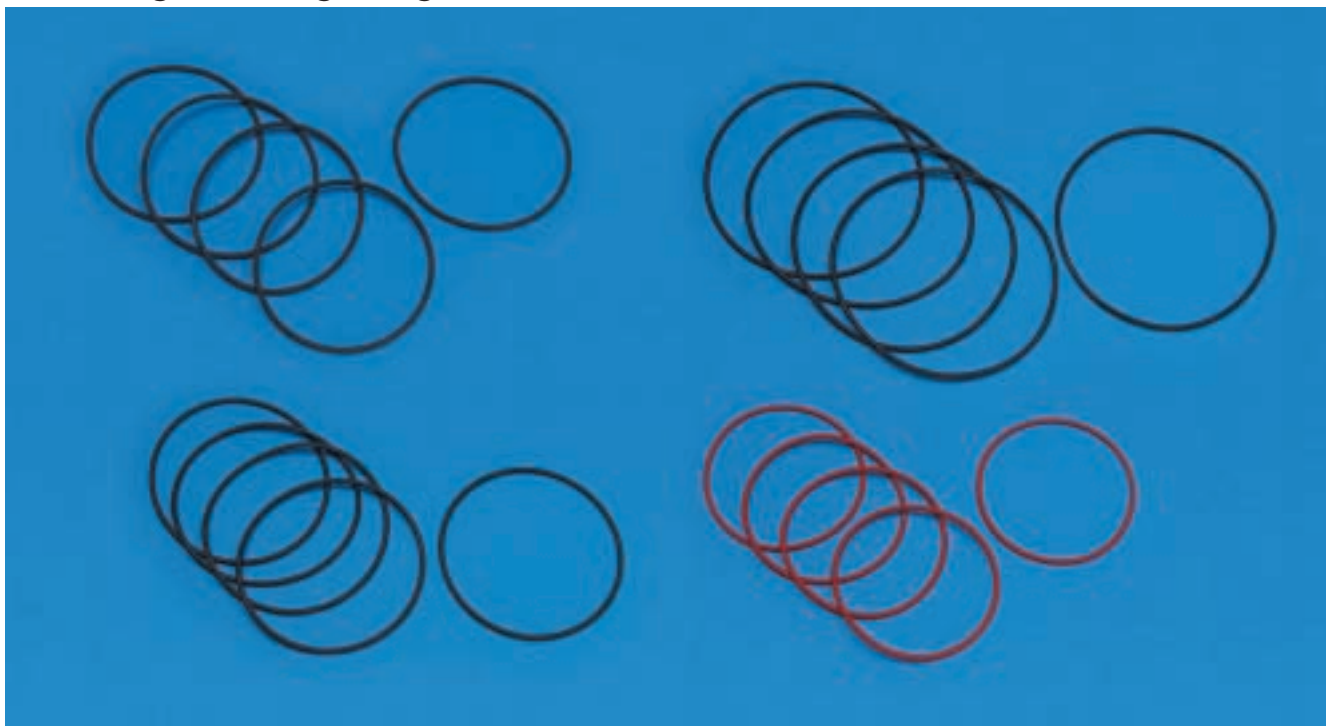
Washer – engine

dph-no.	OEM-no.	application
70471	209 770	Size: 12x15,5x1,5 CU
70535	812 413	
70472	211 077	Size: 5x9x1 CU
70487	330 323	Size: 6x12x1 CU
70488	35 528	Size: 8x12x1 ALU
98692	353 173	(screw, oil level)
70544	812 424	DS-DSI-DSC14
		Size: 36x42x2 AL U
70491	365 375	Size: 20x26x1,5 CU
70533	812 411	Size: 8x11,5x1 CU
70470	209 261	
70536	812 414	Size: 14x18x1,5 CU
70316	812 416	Size: 18x22x1,5 CU
70538	812 417	Size: 20x24x1,5 CU
70539	812 418	Size: 22x27x1,5 CU

● Washer – engine

dph-no.	OEM-no.	application
70540	812 419	Size: 24x29x2 CU
70317	812 420	Size: 26x31x2 CU
70545	812 425	Size: 38x44x2 CU
70454	165 507	Size: 17 x 22 x 1,5 CU
70541	812 421	Size: 28 x 33 x 2 CU
70543	812 423	Size: 32 x 38 x 2 CU
70546	812 426	Size: 45 x 52 x 2 CU

O-ring/seal ring – engine



dph-no.	OEM-no.	application
69231	323 451	Size: 98,02x3,53 FPM LB82, LB-LBS86, LLS-LT111, LB-LBS-LBT111, T112/113, G-P-R92/93, G-P-R112, P-R113
3891	372 985	Size: 132,94x3,53 DN-DS-DS18 DN-DS9 DN-DS-DSI-DSC11 DS-DSI-DSC14
3890 34620	372 984/ 290 534	Size: 111x3,5 NBR DN-DS-DS18, DN-DS9 DN-DS-DSI-DSC11 DS-DSI-DSC14 For oil filter housing
80590	381 083	Size: 48x6 NBR
4143	383 917	Size: 11x4 NBR For injection
98026	392 088	Size: 12x2 NBR
94385	804 655	Size: 9,3x2,4 FPM Model 94C Motorcode DCC9.12 For valve lid screw

O-ring/seal ring – engine

dph-no.	OEM-no.	application
95693	804 660	Size: 19x3 NBR
95695	804 664	Size: 29x3 NBR
97291	804 713	Size: 70x3 NBR
95694	810 958	Size: 11,3x2,4 NBR
93835	392 652	Size: 90x3 MVQ red (intake manifold) T92/112/142/113/143, G-PR92/112/93, P-R113, R143
80236	1 107 097	Size: 29,1x1,6 FPM green
80411	1 107 098	Size: 45,8x1,6 FPM green
98262	804 666	Size: 21x3 NBR
97292	804 674	Size: 59,2x5,7 NBR
95991	804 710	Size: 54,5x3 NBR
32997	811 926	Size: 26,2x3 NBR

O-ring/seal ring – engine

dph-no.	OEM-no.	application
93594	811 942	Size: 60x3 FPM
70532	811 038	Size: 49,5x3
94357	392 653	Size: 22,1x1,6 MVQ
80404	1 302 243	Size: 108x3 MVQ
98260	1 303 789	Size: 34,2x3 NBR
98261	1 315 437	Size: 22x28x5 type 43
97290	1 334 294	O-ring kit 4x19,10x1,6 NBR 1x12,10x1,6 NBR 2x8,13x1,78 NBR
98264	1 349 018	Size: 99,2x5,7 FPM green
32999	174 229	Size: 79,5x3 FPM
81970	276 587	Size: 100x6,5 NBR
97479	321 992	Size: 106x3 FPM

● O-ring/seal ring – engine





dph-no.	OEM-no.	application
93836	211 813	Size: 107,54x3,53 NBR
80746	321 991	Size: 99,5x3 FPM green
80747	349 353	Size: 79,2x5,7 FPM green
80408	361 523	Size: 59,2x5,7 MVQ
80406	361 526	Size: 94,1x5,7 MVQ
34432	362 128	Size: 114,5x3 MVQ
94386	362 129	Size: 149,2x5,7 MVQ
93808	1 380 834	Size: 252x6 FPM
84526	257 737	Gasket

● O-ring kit – engine

dph-no.	OEM-no.	application
111565	1 422 564 1 398 810	DC 16 1 pc. 34x3 FPM purple 1 pc. 24,3x2,4 NBR blue 1 pc. 32x2,5 NBR



Gasket

dph-no.	OEM-no.	application
68533	384 464	
97850	1 302 556	
36768	1 302 827	6 pcs required DN9, DS9, DSC9 6 cylinder, from 1984 G82, P82, G92, P92, R92, T92, P92HK, F92H, K92, G93, P93, P93HK, P93MK, R93, T93, T93HK, F93H, K93
70508	371 491	(filling flange) DN-DS-DSI-DSC11 DS-DSI-DSC14
80215	391 766	
84528	1 305 595	Size: 18,6x1,9 FPM
70529	388 422	

Gasket

dph-no.	OEM-no.	application
70507	371 490	DN-DS9 DN-DS-DSI-DSC11 DS-DSI14
70443	1 350 378	
70444	1 350 379	
70445	1 350 380	
70501	366 557	

Gasket seal – engine

dph-no.	OEM-no.	application
70502	369 229	



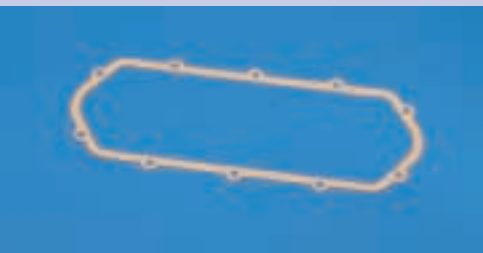



Gasket seal – engine

dph-no.	OEM-no.	application
70314	371 492	Application: oil cooler
70509	371 493	
70518	371 502	
68532	371 507	
95868	315 270	V-ring NBR A50 V-45
95647	317 916	U-ring type 90 16x22x6
84529	1 305 596	








● Gasket seal – engine

dph-no.	OEM-no.	application
84530	1 305 597	
97849	1 305 673	
84527	332 448	
4147	348 339	
34434	230 297	 Material: rubber
104348	1 304 293	
111443	1 374 326	

Gasket seal – engine

dph-no.	OEM-no.	application
111445	1 374 327	
111442	1 374 334	
111446	1 374 344 1 541 633	Water pump DC 11 DC 12 DSC 12 DT 12
111444	1 375 383	Oil cooler 
95969	1 388 678	
111440	1 403 129	Oil pump 
111231	1 675 602	
111441	1 423 290 1 384 004	

Oil seal for hubs and wheels

dph-no.	OEM-no.		application
61645	300 278		Front axle AM55/60 Size: 110x140x12/21 NBR special K-92/112 N-112 P-82/92/93/112/113 R-92/112/113/142/143 T-82/92/112/142
61651	375 087		AM56 Size: 110x140x15 NBR ASW spezial
34423	173 320		AS60, ASA60/70 Size: 117,47x142,87x12,7 NBR A blue K-92/112 N-112 P-82/92/93/112/113 R-92/112/113/142/143 T-82/92/112/142
70447	121 257		RP652, R653 Size: 136,52x161,92x12,7 NBR A
98517	309 113		Reductor hub Size: 161,92x187,32x12,7 NBR A K-92/112 N-112 P-82/92/93/112/113 R-92/112/113/142/143 T-82/92/112/142
50177	370 076		Rear axle AD/AS90, AD85 Size: 145x170x15/20 NBR B spezial K-92/112 N-112 P-82/92/93/112/113 R-92/112/113/142/143 T-82/92/112/142
34422	159 496		AD90 (brake shoe: 203 mm) Size: 150,8x177,8x12,7 NBR AS blue

Oil seal for hubs and wheels

dph-no.	OEM-no.	application
50176	370 075	AD100 shaft RB/RBP803 Size: 155x180x24/29 FPM B special K-92/112 N-112 P-82/92/93/112/113 R-92/112/113/142/143 T-82/92/112/142
61641	120 310	AD/AS90 Rubber cork Size: 158x170x5,3
61649	375 086	AM56/61/70 Size: 125x160x15 NBR AS W

Oil seal – crankshaft

dph-no.	OEM-no.	application
111452 111453	1 375 002 1 433 183	Size: 145 x 175 x 13 special Crankshaft rear DC 11 DC 12 DT 12
111285	369 477	Size: 80 x 100 x 13 special
111272	369 478	Size: 130 x 160 x 15 FPM AW/BS LD Crankshaft rear DS9 DS11, DN11, DSC11 DS14 DSC14

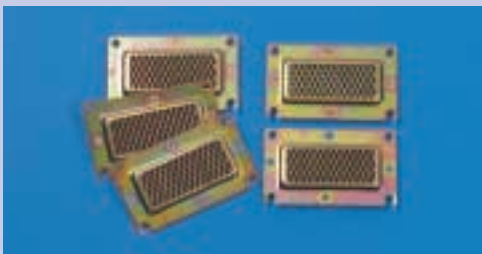
● O-ring/hubs and wheels

dph-no.	OEM-no.	application
80851	392 309/ 298 021	AD100 Size: 249,2x5,7 T142, R142, T93/113/143, G-P-R93, P-R113, R143



● Repair kit/compressor (engine)

dph-no.	OEM-no.	application
81677	1 108 223	Compressor 15,5 W
81716	278 198	Compressor 15,5 W
82835	1 103 236	Compressor 15,5 W



● Repair kit

dph-no.	OEM-no.	application
81715/ 82817	1 108 228/ 300 162	15,5 compressor Bendix
82836	1 327 886	15,5 compressor Bendix



Repair kit

dph-no.	OEM-no.	application
82837	141 964	Bendix Tuflo 500
81725	229 373	Inlet exhaust valve kit
81714	282 501	Trailer control valve kit
81717	282 799	D2 governor kit
70814	309 164-2	For same type as 272 760-0
81718	313 004	Hand control valve kit

Repair kit

dph-no.	OEM-no.	application
81719	319 477	Trailer dump valve kit
82816	293 546	



Cylinder liner shim

dph-no.	OEM-no.	application
33008	1 114 036	DS11/DSC1101 For cylinder liner 1114035 Late production



O-ring/fuel system

dph-no.	OEM-no.	application
93837	242 857	Size: 60x4 NBR All models
98656	252 496	Size: 14x18x1,5 CU All models
98658	192 871	Size: 16x20x1 CU All models





● O-ring/fuel system

dph-no.	OEM-no.	application
21255	170 424	Size: 9,6x19,7x2 CU All models



● Seal ring/cooling system

dph-no.	OEM-no.	application
32990	170 205	For: Thermostat Scania 251 899 and 255 502
70315	291 826	L-LS-IT111, LB-LBS-LBT111, T112/113, G-P-R112, P-R113



Rubber cushions for engine, exhaust systems and gearbox

Oil seal

dph-no.	OEM-no.		application
70525	386 901		Transmission, mechanical Size: 85x105x13 NBR BS blue
70484	32 201		Transmission, mechanical Size: 35x52x10 NBR A
70475	254 635		Transmission, mechanical Size: 25x35x7 NBR B dph
96716	1 318 388		Input gearbox Size: 55x75x9 FPM BS RD Engine DS11, DSC11: K113 CLB Bus '91-> Engine DSC14 V8: R143L-R4x2, 6x2-6x2/4; 8x2, 6x4; 8x4 '88->, 144L '95-> DSC12: 124C'96-> DSC9: 94G '96->
84541	294 275		Size: 75x90x10/11 blue DSC12: 124C '96->, DCS14: 144L '95-> DSC9: 94G '96-> DSC9 6L: G93, P93, R93 6x4 '86->, G82, P82 '86-> DN11, DS11, DSC11 6L: G112, 112, R112, T112 '80->, P113, R113 4x2; 6x2, 6x4 '88-> DS14 V8: L141, LB141, LS141, LBS141; LBT141, R142, T142 '80-> R143L-R, 4x2; 6x2-6x2/4, 8x2 '88->
81460	329 638		Size: 25x35x7 BABSL NBR For gearshift shaft

Gasket

dph-no.	OEM-no.	application
70495	366 546	
70514	371 498	
96313	1 392 936/ 371 500	Application: water pump
97851/ 97852	1 305 139/ 1 329 585	
70442	1 320 298	

Clutch, gearbox

Clutch servo cylinder

dph-no.	OEM-no.	application
81422/ 81092	345 362/ 550 720	 (Wabco); GR871 (no. 6337157-6339120), interchangeable with Scania 371 612 T112/T113/T142/T143; G-P-R112; R142, P-R113, R143
81524	360 717	 T82, T92, T112; G-P82, G-P-R92/112
81525 81803	371 612/ 1 331 770	 T82, T92, T93, T112, T113, T140; G-P82, G-P-R92/93/112; P-R113, R143

Repair kit clutch servo

dph-no.	OEM-no.	application
81723	550 422	 For: 360 717 (old version)
81463	550 453	 For: 360 717 (new version)
81724 51926	550 455/6/ 1 336 159	 For: 371 612

O-ring/gearbox control

dph-no.	OEM-no.	application
32996	244 446	For: control cylinder 284 015 All models Size: 41,2x3 NBR
93838	804 662	For: control cylinder 284 015 T82/92/93/112/113/142/143, G-P82, G-P-R92/92/112, P-R113, R142/143 Size: 24x3 NBR
96197	194 414	Size: 199,3x3 NBR For gearbox G770, GS770, GH774, GS771, GS772, GR871, GR-E871, GR-H880
81720	810 983	For: control cylinder 284 015 All models Size: 79,2x5,7 NBR

Oil seal/gearbox

dph-no.	OEM-no.	application
81462	388 528/	Size: 45x65x10/8 FPM A/BS LD
70483	314 063-9	Size: 45x65x9 ACM BS RD LA For gearbox G770, GS770, GH774, GS771, GS772, GR871, GR-E871, GR-H880

Brake parts

Brake part front-/rear wheel brake

dph-no.	OEM-no.	application
3892	810 970	 <p>Size: 33x3 NBR, all models, Quantity required: 8 L/LB, 80H, L/LB81, 81H, F/G/K/P/S/T82, BR/CR/L/LBS/LS85, 85H, B/BF/BR/L/LB/LBS/LS86, F/G/K/P/R/T92, F/G/K/R/P/T93, BR/CR/L/LB/LBS/LB/LS/LT110, 110H, B/BF/BR/CR/L/LB/LBS/LBT/LK/LKT/LS/LT111, 111H, SBA/SBAT111, BF/BR/CN/F/G/K/MTR/N/P/R/S/T112, BN/CN/F/K/L/N/P/R/T113, BR116, L/LB/LBS/LBT/LS140, 140H, L/LB/LBS/LBT/LKT/LS141, 141H, R/T142, R/T143, BR/CR/LT145, LT146</p>
3889	182 930	 <p>Size: 31x4,5 NBR, all models, Quantity required: 8 L/LB, 80H, L/LB81, 81H, F/G/K/P/S/T82, BR/CR/L/LBS/LS85, 85H, B/BF/BR/L/LB/LBS/LS86, F/G/K/P/R/T92, F/G/K/R/P/T93, BR/CR/L/LB/LBS/LB/LS/LT110, 110H, B/BF/BR/CR/L/LB/LBS/LBT/LK/LKT/LS/LT111, 111H, SBA/SBAT111, BF/BR/CN/F/G/K/MTR/N/P/R/S/T112, BN/CN/F/K/L/N/P/R/T113, BR116, L/LB/LBS/LBT/LS140, 140H, L/LB/LBS/LBT/LKT/LS141, 141H, R/T142, R/T143, BR/CR/LT145, LT146</p>
69284	123 102	 <p>Size: 38x50x7 NBR A all models Quantity required: 4</p>
68810	120 828	 <p>Size: 45x60x7 NBR A blue all models Quantity required: 4</p>
34425	214 008	 <p>Size: 90x110x14 BS NBR blue Differential, assembly K-92/112 N-112 P-82/92/93/112/113 R-92/112/113/142/143 T-82/92/112/142</p>
69230	1 338 019/ 381 962	 <p>Size: 31x4,5 MVQ G93, P93, R93, T93 K93CLB from chassis no. 1820107-, K113TLA from chassis no. 1820107-, N113CLL/CRL, N113ALLB/CLB/CRB/DRB from chassis no. 1820118-, L113TRB, P113, R113, T113, R143, T143</p>

● Brake part/front-/rear wheel brake

dph-no.	OEM-no.	application
104111	1 338 018/ 1 307 340	For brake shoe roller 154259 Size: 32,5x3 mm



● Valve lifter

dph-no.	OEM-no.	application
51307	1 116 635/ 1 103 422	D8, DN8, DS8, DSi8, D11, DN11, DS11, DSC11, DSi11, DTC1101, D14, DS14, DSC14, DSi14 P113, R113, T113, R143



● Valve guide

dph-no.	OEM-no.	application
61147	300957	INTAKE DS8/DSi8 late production, DN9, DS9, DSC9, D11, DN11, DS11, DSC11, DSi11, D14, DS14, DSC14 Not for cyl. heads ref. 300612-7, 397775-8 Not for engines with catalytic converter
61148	300958	EXHAUST D8, DN8, DS8, DSi8, DN9, DSC9, D11, DN11, DS11, DSC11, DSi11, D14, DS14, DSC14 Not for cyl heads ref. 300612-7, 397775-8 Not for engines with catalytic converter




● Valve intake

dph-no.	OEM-no.	application
61144	272 804	INTAKE DS11, L-LS-LT111, LB-LBS-LBT111
93994	270 247	INTAKE DS-DSi14, L-LS141, LT146, LB-LBS-LBT141




● Valve intake

dph-no.	OEM-no.	application
98678	294 674/ 136 083-6	INTAKE DS11-turbo, DN14, DCS14-turbo
93995	215 715	INTAKE Engine D420
98681	272 803/ 1 361 189	INTAKE D10
98679	1 319 081	INTAKE DS9-turbo, DSC9-turbo
110771	1 360 836	INTAKE
110773	1 361 190	INTAKE

Valve exhaust

dph-no.	OEM-no.	application
61145	232 018	EXHAUST DN-DS-DSI-DSC11 DS-DSI14 (- motor 5530537)
98680	366 256/ 1 360 833	EXHAUST DS9-turbo, DSC9-turbo
110772	1 361 195	EXHAUST DS9-turbo, DSC9-turbo
98682	243 477/ 1 361 197	EXHAUST D10, DN14
98683	352 347/ 1 360 834	EXHAUST DCS14-turbo
93996	168 843/ 136 119-5	EXHAUST Engine D440

Valve seal ring

dph-no.	OEM-no.	application
93997	17 115	Engine D420 5650 ccm 66 kW (90 PS)

● Valve seal ring

dph-no.	OEM-no.	application
93998	17 543	 <p>Engine D440 6230 ccm 73 kW (100 PS)</p>
61149	289 517	 <p>INTAKE DN11/DS11/DSC11 engine no. 5220094-, DS14/DSC14/DSI14 engine no. 5504736-</p>
61151	242 672	 <p>EXHAUST D11/DN11/DS11/DSC11 engine no. -3075634, - 4070104-. 5307760-, DS14/DSC14/DSI14 engine no. -5530537 Not for cylinder head ref. 163588</p>

● Repair kit/brake valve


dph-no.	OEM-no.	application
81682	319 475	 <p>For: Scania 290 013</p>
82819	313 114	 <p>For: Scania 290020 foot brake valve = G-P-82, G-P-R92, 112, R142, T82/92/112/142 T92/112/142/93/113/143 T92/93/112/113/142/143</p>

Diaphragm/Brake part

dph-no.	OEM-no.	application
69213	203 670	T9, dia 130
69215	171 566	T12, dia 140
69217	160 342	T16, dia 150
69218	151 476	T20, dia 165
69219	143 112	T24, dia 180
69220	143 113	T30, dia 200
69223	143 118	T36, dia 230

● Repair kit air dryer drain valve

dph-no.	OEM-no.	application
82818	309164	For Bendix air dryers



● Gasket for oil filter

dph-no.	OEM-no.	application
69816	382 361-4	For oil filter 382353-1 (not in our range)



● Oil seal

dph-no.	OEM-no.	application
96311	1 345 279	Size: 44,5x58x7,5 SPNBR blue For brake shoe shaft



● Oil seal brake part

dph-no.	OEM-no.	application
109531	1 100 645	Size: 54,1 x 70/74 x 7,5/11 NBR
109530	1 343 372	Size: 45 x 60 x 7 NBR A blau Steering knuckle pin
109529	1 395 999	Size: 56x72x7 NBR SP A Steering knuckle pin
112266	1 409 889	Size: 142 x 170 x 15/16 NBR Wheel hub, inside
112282	1 409 890	Size: 75 x 100 x 10/13 NBR Wheel hub, outside




Oil seal brake part

dph-no.	OEM-no.	application
111330 111372	1 502 384	 <p>Size: 84,93x104,77x18,26 FPM/ACM spezial 85x105x18 FPM SP LD</p>
70486	33 326	 <p>Size: 70 x 100 x 12 A NBR blau</p>
109532	347 468	Size: 56 x 70 x 6 NBR A SP

Front and rear axle parts, steering

O-ring/front axle

dph-no.	OEM-no.	application
94398	182 935	Upper AM55 Size: 49x7 NBR
81721	811 045	Lower AM56/61/70 AM800/820 Size: 84,5x3 NBR

Gasket bogie axle

dph-no.	OEM-no.	application
95869	204 750	Application: bogie axle L, LS, LT110, LB, LBS, LBT140H, L, LS, LT111, LB, LBS, LBT141, T112, T142, G82, P82, G112, P112, R112, R142, T93, G93, R93, T113, P113, R113, T143 2 pcs. required

Gasket for steering

dph-no.	OEM-no.	application
70437	1 305 341	For steering
70510	371 495	(For hydraulic pump 300130/571368)

Oil seals front and rear axle, steering



dph-no.	OEM-no.	application
34421	338 643	DN8, DS8, DS18, DSC8, DN9, DS9, DSI9, DSC9 DN11, DS11, DSI11, DSC11 DN14, DS14, DSI14, DSC14 Size: 80x100x12 FPM BS LA RD Front
70461	178 866	DN11, DS11, DSI11, DSC11 DN14, DS14, DSI14, DSC14 Size: 130x160x13 NBR B Rear
69285	366 303	DN9, DS9, T92/93/113/142/143; G-P-R92/93, P-R113; R143 Size: 130x160x15 MVQ AS W LD Rear
70527	386 967	Front axle Size: 72x105x13 NBR BS green
70485	32 898	Front Axle AM55 (1 st series) size: 120,65x146,05x12,7 K-92/112, N-112 P-82/92/93/112/113 R-92/112/113/142/143 T-82/92/112/142
3888	33 352	Rear axle AD90 (ext.) size: 75x100x10 NBR A blue K-92/112, N-112 P-82/92/93/112/113 R-92/112/113/142/143 T-82/92/112/142
70481	297 991	Size: 137x161,92x15/12 BS WD SP LA Rear axle

Oil seals front and rear axle, steering

dph-no.	OEM-no.	application
34428	231 938	Size: 130x160x15 MVQ AS W LD Engine, crankshaft rear K-92/112, N-112 P-82/92/93/112/113 R-92/112/113/142/143, T-82/92/112/142
61643	297 999	Size: 115x135x10 A SP blue Rear axle
70449	136 106	Size: 28x38x7 NBR A For steering
70473	211 337/ 216 608	Size: 25x35x8 AD NBR For steering
96111	1 363 673/ 1 303 673/	Rear axle AD85 Size: 145x170x14,5/18 FPM BS special K-92/112, N-112 P-82/92/93/112/113 R-92/112/113/142/143, T-82/92/112/142
70446	120 979/ 227 138/ 304 552	Front/rear axle Size: 80x100x10 A NBR green D10, D11, DS11 L75, L76LS, LKS101, L, LS110, L, LS, LT, LK111, R112 (112M,H,E) B75, B76, B110, B111, BR115, BR116
70452	144 116	Rear axle Size: 30x55x10 NBR A
34426	124 268/ 388 728	Rear axle Size: 80x100x13 BS NBR K-92/112, N-112, P-82/92/93/112/113, R-92/112/113/142/143 T-82/92/112/142 Also for transmission GR870/GR871T
61647	370 074	Size: 137x161, 92x15/20 NBR BS WD SP LA, Rear axle AD80 outer/inner, K-92/112, N-112, P-82/92/93/112/113, R-92/112/113/142/143, T-82/92/112/142 Engine DSC14 144L `95-> Engine DN11, DS11, DSC11 6L: G112; P112; R112; T112 `80->, P113, R113 4x2; 6x2, 6x4 `88-> Engine DS9 6L: G93, P93, R93 4x2; 6x2; 6x4, G92, P82, `86-> Engine D8, DS8 6L: L86, LS86, LB86, LBS/LBT86, L81, LB81 `75-> Engine DS14 V8: R142, T142 `80->, R143L-R, 4x2, 6x2-6x2/4; 8x2, 8x4 `88->
110713	125 766	Size: 70x90x10 A LDNBR L75, L76 LS
98060	1 393 331	Size: 85x105x18 FPM LD SP Steering

Oil seal front and rear axle, steering

dph-no.	OEM-no.	application
82497	1 363 674/ 130 934-2	Size: 158x188x14,5/18 FPM RWDR Kasette Wheel bearing, exterior DSC12: 124C `96->
93428	1 342 363	With Polrad
93430	1 334 535	Size: 125x150x14 NBR AS SO blue
84730	1 335 243	Crankshaft, front Size: 80x100x12 FPM BS LA RD Engine DS11, DSC11, DN11: K113 CLB Bus `91->, P113, R113 4x2; 6x2 `88-> 6L, P113, R113 6x4 `88->, G112, P112, R112, T112 `80-> Engine D11, DS11: L110, LS110, LB110, LBS110 ,74->, L111, LB111, LS111 ,75->, LB111H, LBS111H, LBT111H `77->80, engine D14, DS14: L140, LB140, LS140, LBS140. LT146, R142, T142 `80->, BR145, CR145 Engine D8, DS8, DN8. DS18: L86, LS86, LB86, LBS/LBT86, `75->, L81, LB81, `75->, L81, LB81, LBS85, G82, P82; T82 `80`> Engine DS14 V8: L141, LB141, LS141, LBS141, LBT141, R143L-R4x2, 6x2-6x2/4; 8x2 `88-> Engine DSC14 V8: R143LR, 6x4; 8x4 `88-> 144L `95->, Engine DS9, DSC9 6L: P92, R92, T92 `86->, G93, P93, R93 4x2; 6x2 `86->, G82, P82 `86->
34427	291 076	Rear axle, interior Size: 145x170x15/20 NBR B spezial Engine DSC12 124C `96-> Engine DSC14 144L `95-> Engine DSC9 94G `96-> Engine DSC9 6L: G93, P93, R93 4x2; 6x2, 6x4, G82, P82 `86->, Engine DN11, DS11, DSC11 6L: G112, P112, R112, T112 `80->, P113, R113 4x2; 6x2; 6x4 `88-> Engine DN8, DS8, DS18 6L: G82, P82, T82 `80-> Engine DS11, DSC11: K113CLB Bus `91-> D8, DS8 6L: L86, LS86,k LB86, LBS/LBT86 `75-> Engine DS14 V8: L141, LB141, LS141, LBS141, LBT141, R142, T142 `80->, R143LR, 6x4; 8x4 `88-> Engine D11LB, DS11 6L: LB111H, LBS111H, LBT111H `77->80

Oil seal rear axle

dph-no.	OEM-no.	application
111548	370 076	 <p>Size: 145 x 170 x 15/12 B special FPM</p>

Oil seal differential bevel pinion

dph-no.	OEM-no.	application
95649	1 383 129	Size: 84,93x104,77x18,26 FPM/ACM SP 1
111330	1 502 384	
98061	1 386 594	Size: 84,93x104,77x18,26 FPM/ACM SP 2

Front and rear suspension parts

● Shackle bushing

dph-no.	OEM-no.		application
70172	135 036		For shackle pins: 355147, 355149 Dia. 46x89, 2 pcs required REAR SPRING
70448	135 698		For shackle pin: 355148 Dia. 46x102, 4 pcs required REAR SPRING

● O-ring for shackle pins

dph-no.	OEM-no.		application
61342	182 929		For shackle pins: 355145, 355146 Dia 23x6,5 mm NBR FRONT SPRING All models
61343	182 931		For shackle pins: 355147, 355148, 355149 Dia 31x6,5 mm NBR REAR SPRING All models

Seal ring/wiper ring for gearbox

dph-no.	OEM-no.	application
81458	315 022	G-GS770, GH774, GR-GRE870/871 Size: 60x80x8,25 rubber/metal
95851	244 448	GS771/772; GR-GRE870/871 Size: 25x35x5/7 T112/R142 transmission

Vibration insulator (motor hood)


dph-no.	OEM-no.	application
81975	329 583	T82/92/112/142/93/113/143

Rubber bushing







dph-no.	OEM-no.	application
82302	137 207/ 332 738	Left & Right
81971	340 895	





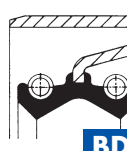

Hose

Hose

dph-no.	OEM-no.	application
81973	241 805	

Overview of most popular oil seal types acc to DIN 3760/3761

Application	Description
 A	rubber version with single lip
 AS	rubber version with sealing and dust lip
 AD	rubber version with 2 lips and 2 springs
 AW	rubber version with sealing lip and corrugated profile
 ASW	rubber version with sealing lip and dust lip and corrugated profile
 A/B	seal with combined elastomer/metal outer cover

Application	Description
 B	metal cased open
 BS	metal cased open with dust lip
 C	metal cased closed
 CS	metal cased closed with dust lip
 BD	metal cased open with 2 lips
 A/BS	seal with combined elastomer/metal outer cover with dust lip

Abbreviations at „style“

FL Washer
PR Profile seal
OR O-Ring
WR Oil seal

Complimentary definitions

RD Right hand helix
LD Left hand helix
WD Double helix
SF Special design
OF Without spring
V Reinforced seal lip
LA With sealant film
W Corrugated profile
SP Special

Abbreviations at „mat“ (material)

ACM Polyacril rubber	PTFE Polyterafluoren-ethylen
FPM Fluor rubber (Viton)	HNBR Hydrogenated NBR
MVQ Silicone rubber	AL Aluminium
NBR Nitril rubber	CU Copper
EPDM Ethylen-Propylen-Dien-rubber	FE Iron
	FZ Felt

Standard terms and conditions

Standard Terms and Conditions of Trade and Delivery, as established by Dichtungspartner Hamburg GmbH, Ferdinand-Harten-Str. 15, 22949 Ammersbek, Germany, hereafter referred to as "dph":

Application

The terms and conditions set out below form part of all contracts for services, supplies and quotations by dph. Sales shall be made solely on the basis of the terms and conditions below. Ancillary agreements and amendments shall only be deemed valid if in writing.

If our contracting partner has its own terms and conditions which differ from dph's terms and conditions, we shall only be bound by the aforementioned terms and conditions of the contracting partner if we specifically accepted them in writing on conclusion of the contract. We hereby specifically state that we shall not accept a counter-confirmation by the customer with reference to its own terms and conditions.

Quotations

All quotations are subject to change. We shall not be bound by any arrangements made orally, by telegraph or telephone until we have issued a written confirmation. Any details given in brochures, advertisements, etc., including prices, shall not be binding until specifically agreed in writing.

Prices

Our prices are given in euros (EUR) ex works and exclude German VAT. Prices exclude postage/delivery, packing and insurance.

Delivery

1. Prices are given ex works. Unless free delivery has been agreed, the purchaser shall bear the costs associated with dispatch/shipment. It shall also bear costs ex delivery destination. Freight refunds are not granted. The goods shall be insured only if the customer so requests in writing, and insurance shall be at the customer's expense.
2. Collection and dispatch of the goods ex works or distribution warehouse is in all cases at the customer's risk.
3. We reserve the right to charge a minimum-quantity flat rate or a minimum cost-contribution flat rate for small orders.
4. In the case of blanket/call orders, we are entitled to procure the material for the whole order and to manufacture the entire quantity ordered immediately. Any change requests by the customer cannot be accepted after the order has been placed, unless this was specifically agreed.

Payment

1. Our invoices are payable in euro (EUR).
2. Invoiced amounts are payable (free of dispatch costs and other expenses) within 14 days after invoice date less 2% discount, or within 30 days after invoice date without deduction. Default interest is payable at the rate of 8% above the base interest if payment is late.
3. Cheques shall be regarded as cash payments, provided they have been sent to us in sufficient time that they can be cashed within the above payment periods.
4. Only payments made at the place of performance have the effect of discharging obligations. Payments made to employees of our company shall only discharge obligations if such employees have the appropriate collecting power (Inkassovollmacht).
5. If it becomes apparent after conclusion of the contract that our claim to payment may be in jeopardy because the customer is not able to discharge its obligations, then any other debt claims we have shall become due and payable immediately. In this event, we are entitled to make any remaining deliveries subject to payment in cash or the provision of security. This will not affect any further legal claims.
6. The customer may only set off payments against counterclaims which we have accepted or which have the authority of a final court judgment. This also applies to the retention of payments.

Tools and equipment

Tools and equipment which we manufacture or engage a third party to manufacture shall be our property, even if our customer pays part of the manufacturing costs.

Packaging

Paper packaging shall be subject to the lowest-possible charge. Chests, crates, barrels, sacks and other types of packaging shall be invoiced and, if returned freight-paid and in good condition within 4 weeks after receipt of the delivery, a credit note will be issued for 2/3 of the amount charged. In the event that a rail company classifies a delivery as inadequately packed, this may not be used against us.

Periods of delivery

1. The periods of delivery shall begin when all details of the order have been explained, however, not before the purchaser has fulfilled any contractual obligations which must be performed beforehand. The delivery date is deemed to have been met if the goods have left the warehouse by the end of such date or, if the delivery is delayed for reasons not attributable to us, on notification that the goods are ready for dispatch within the agreed period of delivery.
2. The delivery obligation is subject to the condition that dph has been supplied correctly and in due time by its suppliers.
3. Partial deliveries within the agreed time and quantities are permissible and may be invoiced separately.
4. If any acts of force majeure, industrial disputes or their consequences or other events which are outside the scope of our control delay the performance of our delivery obligation, regardless of whether they affect us or our sub-contractors, the period of delivery shall be extended by the length of such delay. Both parties shall have the right to cancel the contract if the delivery later becomes impossible or unreasonable for one of the parties due to an event of the above nature.
5. The purchaser is entitled to terminate the contract, in accordance with the legal provisions, in the event of delay or if delivery is impossible for reasons attributable to us. If the delivery is delayed and if the purchaser thereby suffers loss, it is entitled to demand a lump-sum amount as compensation for the delay. Such compensation shall be, for each full week of delay, 0.5% of the value of that portion of the total delivery which, as a result of the delay, cannot be used on time or in accordance with the contract, up to a maximum of 5% of such value.
6. If delivery is delayed at the purchaser's request, the purchaser shall be charged the costs of storage, commencing 2 weeks after notification that delivery is ready, subject to a minimum charge of 1% of the invoice amount for each week.

Tolerances

Any recommendations we give as to the use of our products are made to the best of our knowledge. The purchaser is at all times under an obligation to satisfy itself by means of its own enquiries that the goods delivered are suitable for the intended purpose. Deviations from samples and earlier deliveries are permissible if they do not affect quality and use. We reserve the right to deviations in quantity of $\pm 10\%$.

Complaints and liability for defects

1. Immediately after receipt, the purchaser must inspect the goods and give written notification promptly, or no later than within 10 days after receipt, of any obvious visible defects, incorrect quantities or incorrect deliveries, specifying the defect. In the case of latent defects, it must do this within 10 days after discovery of the defect.
2. If there are defects, we guarantee as follows: We shall, at our discretion, replace free of charge or repair all parts which prove to be unusable or whose use is not inconsiderably affected as a result of circumstances existing before risk was transferred.

- The purchaser is entitled to rescission of the contract or to a reduction in price if we allow a reasonable extension of time for post-performance or repairs to elapse without resolving the defect, or if more than one attempt at post-performance or repair does not resolve the defect. If we deliver a defect-free item for the purpose of supplementary performance, or if the purchaser rescinds the contract, then it must pay value-related compensation for the benefit derived. The value of the benefit derived shall be determined by pro rata temporis straight-line depreciation in the ratio between the actual period of use and the estimated useful life.
- The statutory limitation period of 2 years shall apply to notification of defects under Section 437 BGB (Bürgerliches Gesetzbuch – German Civil Code).
- The provisions below under "General Liability" shall apply to liability to pay compensatory damages for liability for defects.

General liability

- Without prejudice to the provisions under point 5 of "Periods for delivery", claims for damages of any kind in connection with and apart from liability for defects are excluded – for delay or impossibility, for breach of other contractual obligations, for mistakes on conclusion of the contract, for tort or for any other legal reason, in particular also for damages which do not occur to the items delivered themselves. There shall only be liability where there is intentional conduct, gross negligence, culpable injury to life, limb or health, defects which we have fraudulently concealed, on assumption of a warranty made regarding the existence of any specific feature or for defects in the items delivered, to the extent that there is liability under product liability laws for material damage to privately used items and for personal injury.
- We shall also be liable for culpable breach of essential contractual obligations. However, provided there is no gross fault, such liability shall be limited to damage which is deemed typical as regards this type of contract and reasonably foreseeable.

Returns

Returns which are not based on a legal claim shall only be accepted, carriage paid, with our express written consent. As compensation for the costs incurred on any return, we shall retain from the credit note a corresponding reduction in the net invoiced value of the goods, subject to a minimum of 20% of the net invoiced value of the goods.

Reservation of title

- The goods delivered shall remain our property until all outstanding amounts owed to us in connection with the business relationship, including incidental expenses, have been paid. If operating an open account, the property subject to the reservation of title shall be deemed to be security for our current account.
- If our goods are combined or mixed with other goods which do not belong to us, we shall have joint ownership in the new object or the mixed item in proportion to the invoice value of the goods subject to the reservation of title compared with the value of the other combined or mixed goods at the time they were combined or mixed. If, as a result of combination, the purchaser acquires sole ownership in the new item, it hereby assigns to us joint ownership in the new item in proportion to the invoice value of our goods subject to the reservation of title compared with the value of the other combined goods remaining at the time they were combined, and shall keep such item in custody for us using the care of a prudent merchant.
- Resale of the goods delivered, even if combined or mixed, is only permitted to resellers in the usual course of business and subject to the reservation of title and only if the debt claim arising from the resale is assigned to us. The purchaser may not pledge the goods as collateral nor transfer ownership therein by way of security, nor may it agree on a non-assignment clause. The purchaser must notify us immediately if there is any pledge or any other third-party action which may affect our rights.
- The purchaser hereby assigns to us in advance any outstanding debts owed to it from the resale or for any other legal reason in respect of the goods we have supplied, both existing and arising in future as soon as they come into being. We accept such assignment. The value of the goods subject to the

reservation of title shall be our invoice amount plus a security premium of 10% which shall however not apply if third-party rights present an obstacle to this. If our goods are resold after they have been combined or mixed with other goods, or if the new item which arises through combination is resold, the claim against the purchaser's customer will be assigned in the amount of the invoice value of our processed, combined or mixed item, or up to the amount which corresponds to our share in the joint property, if this is lower.

- The purchaser is entitled to collect the debt claims assigned provided that it duly fulfils its payment obligations to us.
- If the value of the security assigned to us exceeds our debt claims by more than 10% in total, we are under an obligation to release the securities of our choice upon request by the purchaser. Ownership in the goods subject to the reservation of title and the assigned debt claims shall pass to the customer on payment of all our debt claims in connection with the business relationship.

Property rights

If we have made our supplies in accordance with drawings, models, samples or other documents provided by the purchaser, the purchaser guarantees that third-party property rights are not breached. If a third party claims in such a case that we are breaching a property right, e.g. through the manufacture or supply of the goods, then we shall be entitled, without further inspection, to discontinue our activity subject to our other rights. The purchaser undertakes to notify us immediately if there are any risks of breach or alleged cases of breach as soon as they become known.

Place of performance, jurisdiction, applicable law, general

- The place of performance for deliveries and payments is Ammersbek. The courts of Ahrensburg will have jurisdiction for any disputes with traders or with people who do not have a legal domicile within Germany – even in the cases involving bills of exchange and cheques. We are also entitled, at our discretion, to bring an action against the purchaser before the courts which have jurisdiction in the place where the purchaser has its head office.
- German law will apply to the contractual relationship. The provisions of UN sales of goods law will not apply.
- The latest version of Incoterms 2000 will apply if clauses defined in the Incoterms are agreed.

Data storage

As required by Section 28 of the Bundesdatenschutzgesetz (Federal Data Protection Act - BDSG), we draw attention to the fact that the data necessary for the purposes of our business will be processed and stored using data processing equipment in accordance with Section 33 of the BDSG. The purchaser agrees that we may use the data obtained from our business relationship with it, in accordance with data privacy provisions, only for our own business purposes.

Severability and concluding provision

If any individual provisions of these Terms and Conditions should be void, this shall not affect the validity of the remaining provisions. Any provision which is void will be replaced by a valid provision which comes as close as possible to the purpose sought by the void provision. This is an English translation of the original Standard Terms and Conditions. In the event of any conflict or inconsistency between the English translation and the German original, the German original shall prevail. Neither the Company nor the Language Professional can accept liability for any direct, indirect, special, consequential or other losses or damages arising out of erroneous translations. Only the German version shall be deemed authoritative.

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We supply gaskets and other spare parts worldwide



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